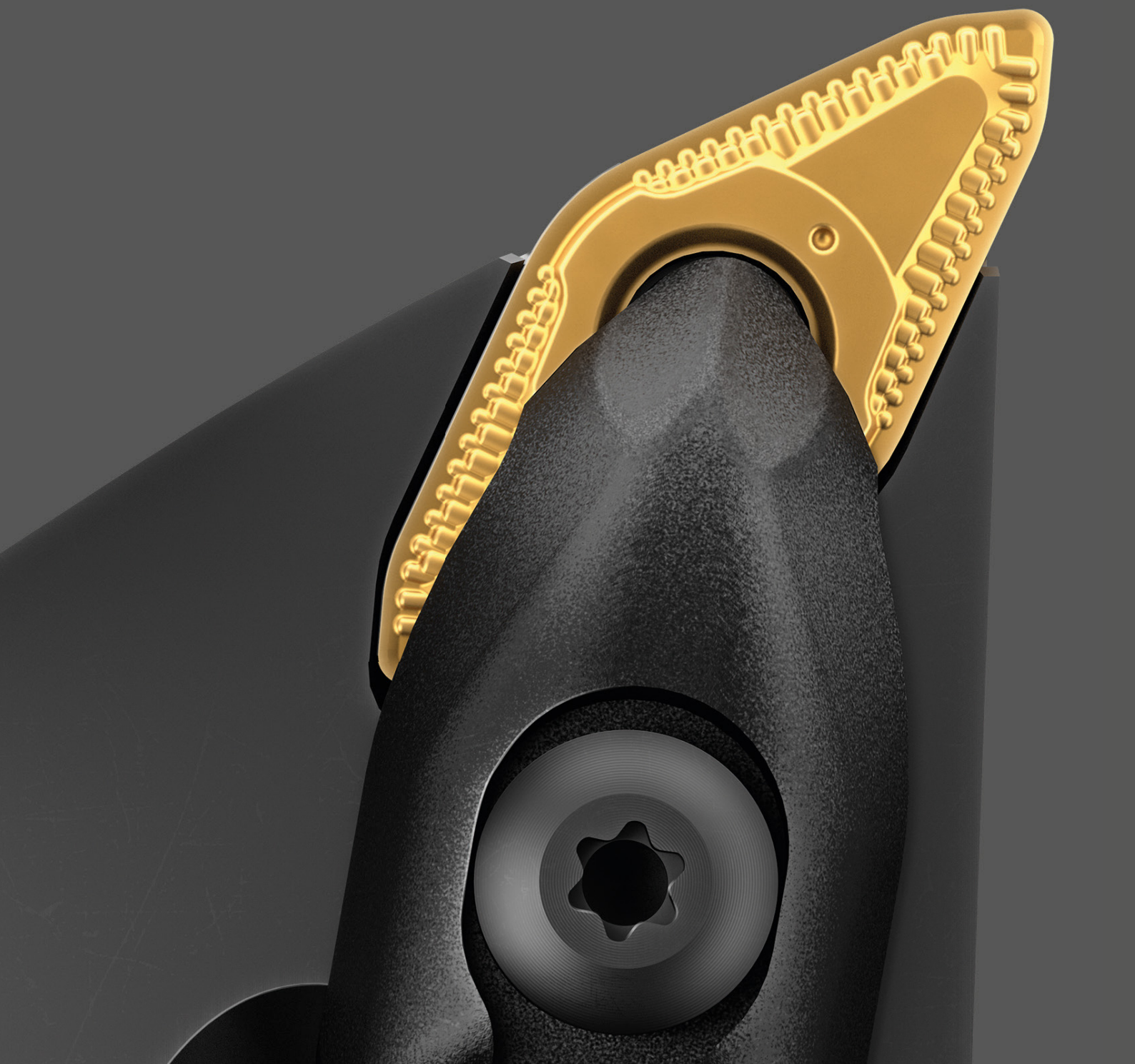
SANDVIK
Coromant

2017

Turning tools

GENERAL TURNING
PARTING AND GROOVING
THREAD TURNING
MULTIFUNCTIONAL TOOLS
TOOL HOLDING
TURNING TOOL ADAPTERS



Let us introduce our new catalogs

The catalog consists of two volumes: Rotating tools and Turning tools. In total, over 20,000 standard products released before April 2017 are included.

Turning Tools – General Turning, Parting and Grooving, Thread Turning, Multi-functional Tools, Tool Holding, and Turning Tool Adapters

Rotating Tools – Indexable Milling, Indexable Drilling, Boring, and Rotating Tool Adapters

For our offer of round tools, please see our Solid Round Tools catalog.

Use the product overviews to find your area of interest, and a reference will take you to the actual ordering page. The ordering page will then take you to related products, such as holders and inserts, if you follow the references at the bottom of the page.

Our total offer of approximately 55,000 standard products can be found at www.sandvik.coromant.com. If none of these products fit your requirements, we have a wide range of products that can be tailored upon your request.

Please note that product data can change over time. Please visit www.sandvik.coromant.com to be sure of getting the latest measurements and tolerances, get detailed cutting data, and order all available products and spare parts.



Explanation of reference symbols:

Inserts	External tools	Internal tools	Adapters	Tool holders
CoroTurn®SL adapters	Accessories	Cutting data	Grade description	Geometry Description
Parameter explanation	Tailor Made	Code key	Coolant information	Information

★	First Choice
☆	Good choice
	Not available

Our First Choice recommendation is a good starting point for most operations, from which you can choose a grade with other attributes, if needed.

A General turning

B Parting and grooving

C Thread turning

D Multi-functional tools

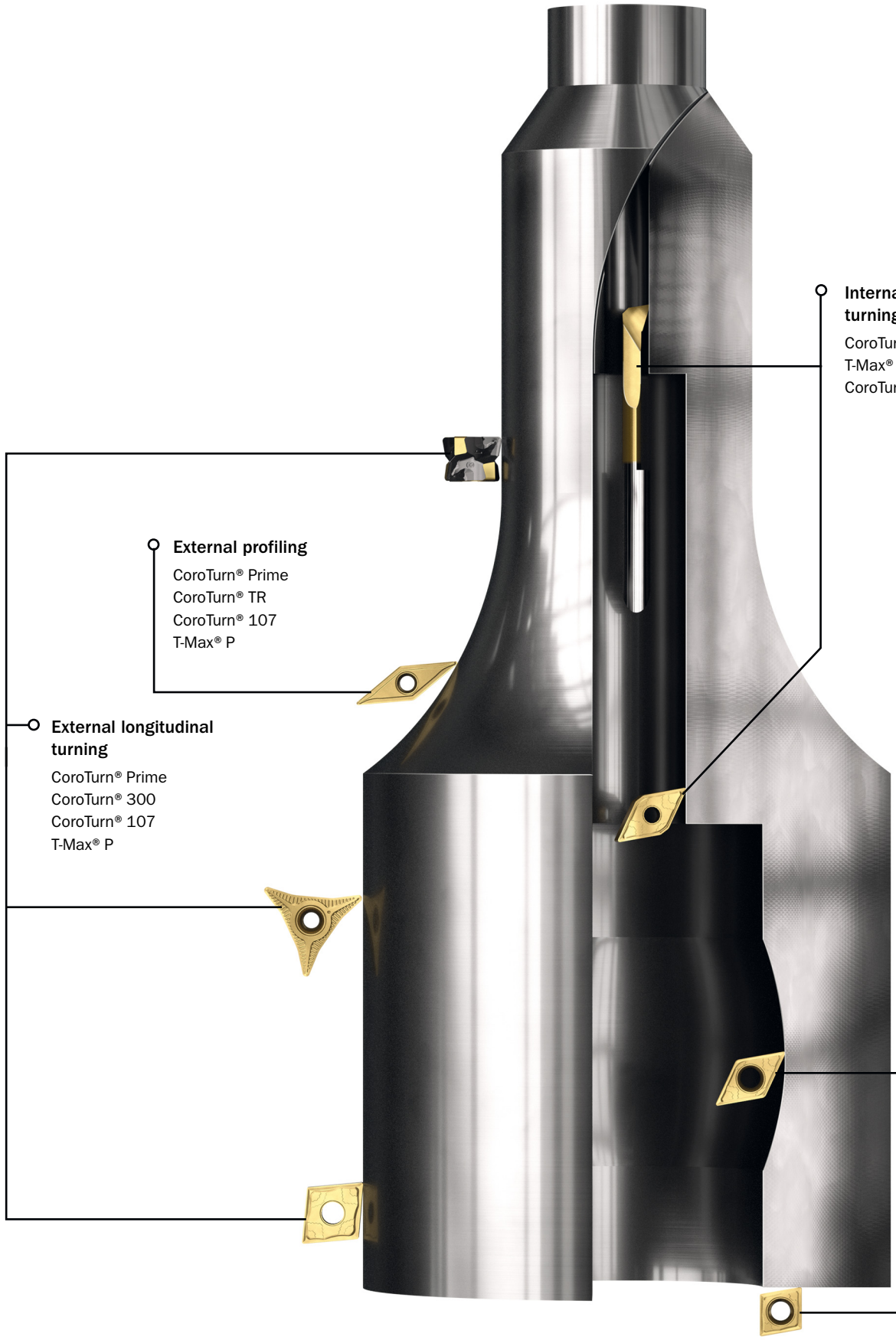
E Tool holding

F Turning tool adapters

G Accessories

H General information

General turning



Internal longitudinal turning
CoroTurn® 107
T-Max® P
CoroTurn® XS

External profiling
CoroTurn® Prime
CoroTurn® TR
CoroTurn® 107
T-Max® P

External longitudinal turning
CoroTurn® Prime
CoroTurn® 300
CoroTurn® 107
T-Max® P

Internal profiling
CoroTurn® TR
CoroTurn® 107

Face turning
CoroTurn® Prime
CoroTurn® 300
CoroTurn® 107
T-Max® P

	Application		Operation	Cutting tool material				Rec. hole size
	External	Internal		Carbide	Ceramic	CBN	PCD	
CoroTurn® Prime	X		Roughing to finishing	X				
CoroTurn® 300	X		Medium to finishing	X				
CoroTurn® TR	X	X	Medium to finishing	X		X		Ø>35 mm (Ø>1.378 inch)
CoroTurn® 107	X	X	Medium to finishing	X		X	X	6-80 mm (.236-3.15 inch)
T-Max® P	X	X	Roughing to finishing	X	X	X		Ø>50 mm (Ø>1.97 inch)
T-Max®	X	X	Roughing to finishing		X	X	X	Ø>32 mm (Ø>1.26 inch)
T-Max® S	X		Roughing to finishing		X	X	X	
CoroTurn® XS		X	Finishing	X		X		0,3-10 mm (.012-.394 inch)
CoroCut® XS	X		Finishing	X				

CoroTurn® Prime A4
Inserts A5
External tools A6-A11

CoroTurn® 300 A12
Inserts A13
External tools A14-A16

CoroTurn® TR A17
Inserts A18-A19
External tools A20-A27
Internal tools A30-A34

CoroTurn® 107 A35
Inserts A36-A62
External tools A63-A97
Internal tools A98-A172

T-Max® P A173
Inserts A174-A212
External tools A214-A267
Internal tools A268-A292

T-Max® and T-Max® S A293
Inserts A294-A300
External tools A301-A321
Internal tools A322-A323

CoroTurn® XS A324
Cutting tools A325-A331
Adapters F2

CoroCut® XS A332
Inserts A333
External tools B114-B115

CoroTurn® 111 Web
www.sandvik.coromant.com/coroturn111

CoroCut® MB Web
www.sandvik.coromant.com/corocutmb

CoroTurn® Prime

Introducing a completely new turning method

Application

- Roughing
- Finishing
- Profiling

ISO application area:

P M S

Benefits and features

- Higher cutting data gives increased output of components and reduced cost per component
- Chip control and long tool life give higher security in production
- Reduction in temperature at the cutting edge means improved tool life



www.sandvik.coromant.com/coroturnprime

A-type

- Versatile and flexible – For light roughing, finishing and profiling
- Three 35° corners
- Wiper (08) for excellent surface finish
- Grades available: GC4325, GC2025, GC1115



B-type

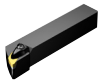
- Stronger insert for rough machining
- Two corners
- Wiper for excellent surface finish
- Grades available: GC4325, GC2025, GC1115



Inserts

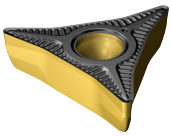
A-type	B-type
	
A5	A5

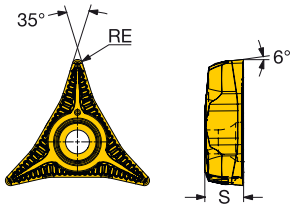
Tools

Coromant Capto® cutting units	Shank tools	QS™ shank tools
		
A6-A7	A8-A9	A10-A11

CoroTurn® Prime insert for turning

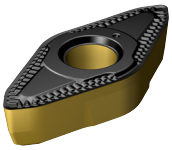
A-type insert

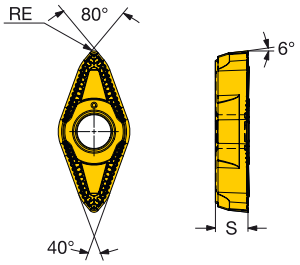




		SSC	S	RE	ISO CODE	P 4325	M 1115	M 2025	S 1115
Finishing	L5	CP-A	6.00	0.40	CP-A1104-L5	★	☆	★	★
			.236	*.016*					
			6.00	0.79	CP-A1108-L5	★	☆	★	★
			.236	*.031*					
	L5W	CP-A	6.00	0.79	CP-A1108-L5W	★	☆	★	★
			.236	*.031*					

B-type insert





		SSC	S	RE	ISO CODE	P 4325	M 1115	M 2025	S 1115
Medium	M5	CP-B	5.00	0.79	CP-B1108-M5	★	☆	★	★
			.197	*.031*					
	M5W	CP-B	5.00	0.79	CP-B1108-M5W	★	☆	★	★
			.197	*.031*					

SSC = To correspond with SSC on holder.

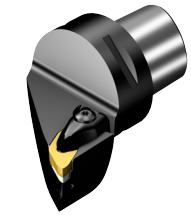
A7 A342 A365 H37 H14

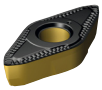
CoroTurn® Prime cutting unit for turning

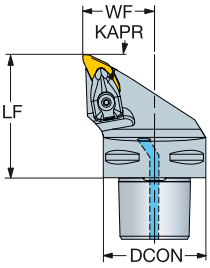
Rigid clamp design

Coromant Capto® - Precision coolant supply

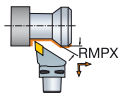
KAPR 25.0°
PSIR 65.0°







CP-B

	SSC	CZC_{MS}	APMX	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	CP-B	C4	4.0	23°	3	**C4-CP-25BR/L-27060-11B**	40	60.0	27.0	150	3.0	0.51	CP-B1108
			.157				1.575	2.362	1.063	2175			CP-B1108
		C5	4.0	23°	3	**C5-CP-25BR/L-35060-11B**	50	60.0	35.0	150	3.0	0.76	CP-B1108
			.157				1.969	2.362	1.378	2175			CP-B1108
		C6	4.0	23°	3	**C6-CP-25BR/L-45065-11B**	63	65.0	45.0	150	3.0	1.21	CP-B1108
			.157				2.480	2.559	1.772	2175			CP-B1108

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts		
Shim screw	Shim	Clamp set
5513 020-04	5322 610-01 S6	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com

A5 F2 E3 G2 H37 H14 H5

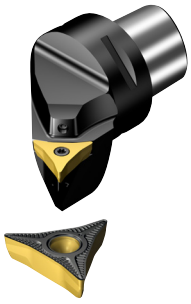
SANDVIK Coromant

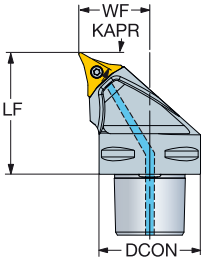
CoroTurn® Prime cutting unit for turning

Screw clamp design

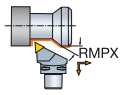
Coromant Capto® - Precision coolant supply

KAPR 30.0°
PSIR 60.0°





CP-A

	SSC	CZC_{MS}	APMX	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	CP-A	C4	3.0	15°	3	C4-CP-30AR/L-27050-11C	40	50.0	27.0	150	3.0	0.47	CP-A1108
			.118				1.575	1.969	1.063	2175			CP-A1108
		C5	3.0	15°	3	C5-CP-30AR/L-35060-11C	50	60.0	35.0	150	3.0	0.79	CP-A1108
			.118				1.969	2.362	1.378	2175			CP-A1108
		C6	3.0	15°	3	C6-CP-30AR/L-45065-11C	63	65.0	45.0	150	3.0	1.25	CP-A1108
			.118				2.480	2.559	1.772	2175			CP-A1108

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-03

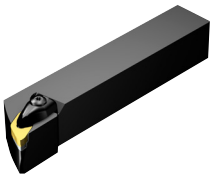
For the complete list of spare parts, visit www.sandvik.coromant.com

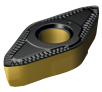
A5 F2 E3 G2 H37 H14 H5

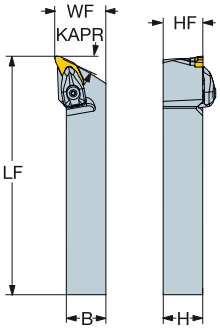
CoroTurn® Prime shank tool for turning

Rigid clamp design

KAPR 25.0°
PSIR 65.0°

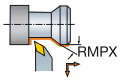




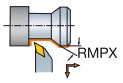


CP-B

Metric version

	SSC	CZC_{MS}	APMX	RMPX	OHX	OHN	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	CP-B	20 x 20	4.0	23°	40.0	37.9	**CP-25BR/L-2020-11**	20.0	20.0	125.0	25.0	20.0	3.0	0.43	CP-B1108
		25 x 25	4.0	23°	50.0	37.5	**CP-25BR/L-2525-11**	25.0	25.0	150.0	32.0	25.0	3.0	0.75	CP-B1108
		32 x 32	4.0	23°	64.0	37.3	**CP-25BR/L-3232-11**	32.0	32.0	170.0	40.0	32.0	3.0	1.38	CP-B1108

Inch version

	SSC	CZC_{MS}	APMX	RMPX	OHX	OHN	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	CP-B	3/4 x 3/4	.157	23°	1.500	1.472	**CP-25BR/L-12-11**	.750	.750	4.500	1.000	.750	2.2	0.946	CP-B1108
		1 x 1	.157	23°	2.000	1.482	**CP-25BR/L-16-11**	1.000	1.000	6.000	1.250	1.000	2.2	3.080	CP-B1108
		1 1/4 x 1 1/4	.157	23°	3.000	1.482	**CP-25BR/L-20-11**	1.250	1.250	6.000	1.498	1.250	2.2	3.080	CP-B1108

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts		
Shim screw	Shim	Clamp set
5513 020-04	5322 610-01 S6	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com

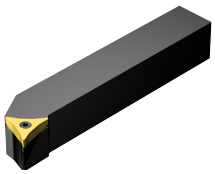
A5 F2 E3 H37 H14

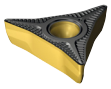
SANDVIK Coromant

CoroTurn® Prime shank tool for turning

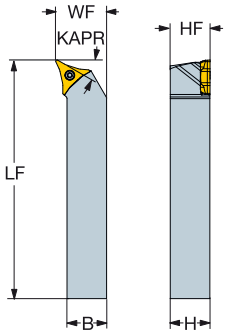
Screw clamp design

KAPR 30.0°
PSIR 60.0°

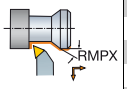




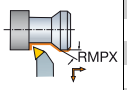
CP-A



Metric version

	SSC	CZC_{MS}	APMX	RMPX	OHX	OHN	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
								Dimensions, mm							
	CP-A	20 x 20	3.0	15°	40.0	23.7	CP-30AR/L-2020-11	20.0	20.0	125.0	25.0	20.0	3.0	0.43	CP-A1108
		25 x 25	3.0	15°	50.0	23.7	CP-30AR/L-2525-11	25.0	25.0	150.0	32.0	25.0	3.0	0.75	CP-A1108
		32 x 32	3.0	15°	64.0	23.7	CP-30AR/L-3232-11	32.0	32.0	170.0	40.0	32.0	3.0	1.36	CP-A1108

Inch version

	SSC	CZC_{MS}	APMX	RMPX	OHX	OHN	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID
								Dimensions, inch							
	CP-A	3/4 x 3/4	.118	15°	1.500	.933	CP-30AR/L-12-11	.750	.750	4.500	1.000	.750	2.2	0.946	CP-A1108
		1 x 1	.118	15°	2.000	.933	CP-30AR/L-16-11	1.000	1.000	6.000	1.250	1.000	2.2	1.650	CP-A1108
		1 1/4 x 1 1/4	.118	15°	3.000	.933	CP-30AR/L-20-11	1.250	1.250	6.000	1.498	1.250	2.2	3.080	CP-A1108

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-10	

For the complete list of spare parts, visit www.sandvik.coromant.com

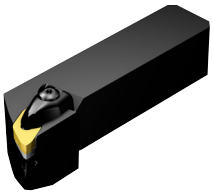
A5 F2 E3 H37 H14

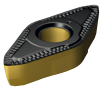
CoroTurn® Prime QS shank tool for turning

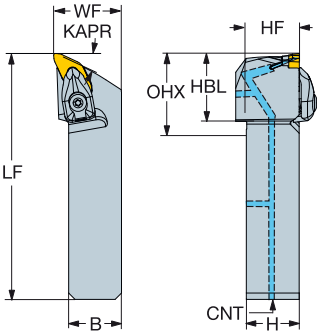
Rigid clamp design

Precision coolant supply

KAPR 25.0°
PSIR 65.0°

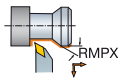




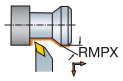


CP-B

Metric version

	SSC	CZC_{MS}	APMX	RMPX	OHX	CNSC	Ordering code	Dimensions, mm B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID
	CP-B	20 x 20	4.0	23°	52.0	3	QS-CP-25BR/L-2020-11B	20.0	20.0	32.0	101.0	25.0	20.0	G1/8"	150	3.0	0.32	CP-B1108
		25 x 25	4.0	23°	57.0	3	QS-CP-25BR/L-2525-11B	25.0	25.0	32.0	116.0	32.0	25.0	G1/8"	150	3.0	0.62	CP-B1108

Inch version

	SSC	CZC_{MS}	APMX	RMPX	OHX	CNSC	Ordering code	Dimensions, inch B	H	HBL	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	CP-B	3/4 x 3/4	.157	23°	2.008	3	QS-CP-25BR/L-12-11B	.750	.750	1.260	3.976	1.000	.750	G1/8"	2175	2.2	0.704	CP-B1108
		1 x 1	.157	23°	2.244	3	QS-CP-25BR/L-16-11B	1.000	1.000	1.260	4.567	1.250	1.000	G1/8"	2175	2.2	1.210	CP-B1108

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts					
Shim screw	Shim	Clamp set	Coolant screw	Sealing plug screw	Sealing plug screw
5513 020-04	5322 610-01 S6	5412 028-021	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

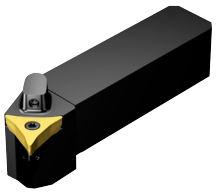
A5 F2 E3 G2 H37 H14 H5

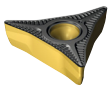
CoroTurn® Prime QS shank tool for turning

Screw clamp design

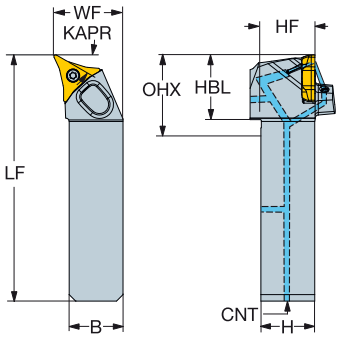
Precision coolant supply

KAPR 30.0°
PSIR 60.0°

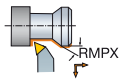




CP-A

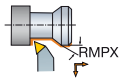


Metric version

	SSC	CZC$_{MS}$	APMX	RMPX	OHX	CNSC	Ordering code	Dimensions, mm B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID
	CP-A	20 x 20	3.0	15°	52.0	3	**QS-CP-30AR/L-2020-11C**	20.0	20.0	32.0	101.0	25.0	20.0	G1/8"	150	3.0	0.37	CP-A1108
		25 x 25	3.0	15°	55.0	3	**QS-CP-30AR/L-2525-11C**	25.0	25.0	32.0	114.1	32.0	25.0	G1/8"	150	3.0	0.59	CP-A1108

RMPX

Inch version

	SSC	CZC$_{MS}$	APMX	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	HBL	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	CP-A	3/4 x 3/4	.118	15°	2.008	1.260	3	**QS-CP-30AR/L-12-11C**	.750	.750	1.260	3.976	1.000	.750	G1/8"	2175	2.2	0.704	CP-A1108
		1 x 1	.118	15°	2.165	1.181	3	**QS-CP-30AR/L-16-11C**	1.000	1.000	1.185	4.492	1.250	1.000	G1/8"	2175	2.2	1.210	CP-A1108

RMPX

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts				
Insert screw	Nozzle	Coolant screw	Sealing plug screw	Sealing plug screw
5513 020-10	5691 026-03	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com


A5


F2


E3


G2



H37



H14



H5

CoroTurn® 300

For external turning of high-quality components

Application

- Longitudinal turning
- Facing
- Medium to finishing operations



ISO application area:

P

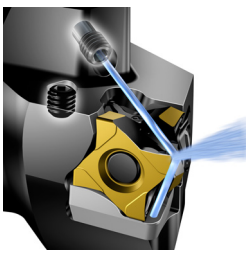
Benefits and features

- Eight-edged inserts to ensure good heat transformation for predictable performance and wear
- Geometries with excellent chip breaking within their respective application areas
- Coromant Capto® interface or QS™ shanks enable quick tool change and easy coolant connection for maximized production time.
- Inserts in steel grades GC4325 and GC4315 with Inveio™ – For high wear resistance and long tool life
- Insert shape: 80 degree corner

www.sandvik.coromant.com/coroturn300

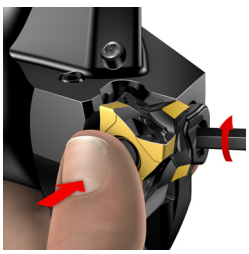
Over and under coolant

High-precision coolant from above controls the chip breaking for secure machining, while under coolant controls the temperature for long and predictable tool life.



Stable insert position

Insert is self-locking in its tip seat thanks to the clamping solution with lever. iLock interface between insert and holder prevents micro-movements of the insert.



Inserts

Turning

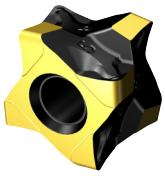
A13

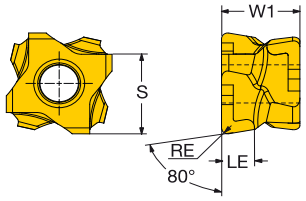
Tools

Coromant Capto® cutting units	QS™ shank tools
	
A14-A15	A16

H28

CoroTurn® 300 insert for turning





		SSC	LE	S	RE	W1	ISO CODE	P 4315	P 4325
Finishing	L4	10	4.0	11.00	0.40	10.0	3-80-101104-8-L4	★	☆
			.157	*.433*	*.016*	*.394*			
			4.0	11.00	0.79	10.0	3-80-101108-8-L4	★	☆
			.157	*.433*	*.031*	*.394*			
			4.0	11.00	1.19	10.0	3-80-101112-8-L4	★	☆
			.157	*.433*	*.047*	*.394*			
Medium	M5	10	4.0	11.00	0.79	10.0	3-80-101108-8-M5	☆	★
			.157	*.433*	*.031*	*.394*			
			4.0	11.00	1.19	10.0	3-80-101112-8-M5	☆	★
			.157	*.433*	*.047*	*.394*			
	M5W	10	4.0	11.00	0.79	10.0	3-80-101108-8-M5W	☆	★
			.157	*.433*	*.031*	*.394*			
			4.0	11.00	1.19	10.0	3-80-101112-8-M5W	☆	★
			.157	*.433*	*.047*	*.394*			

SSC = To correspond with SSC on holder.

A14 A334 A365 H37 H15

CoroTurn® 300 cutting unit for turning

Lever clamp design

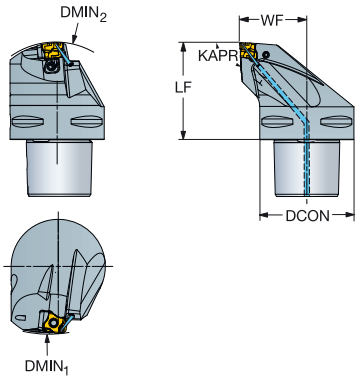
Coromant Capto® - Precision coolant supply

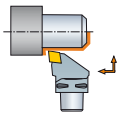
KAPR 94.7°
PSIR -4.7°





3-80



	SSC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	10	C4	100.0	150.0	3	C4-3-80-LR/L27055-10C	40	55.0	27.0	150	4.5	0.59	3-80-101108
			3.937	*5.906*			*1.575*	*2.165*	*1.063*	*2175*			*3-80-101108*
		C5	100.0	170.0	3	C5-3-80-LR/L35060-10C	50	60.0	35.0	150	4.5	0.88	3-80-101108
			3.937	*6.693*			*1.969*	*2.362*	*1.378*	*2175*			*3-80-101108*
		C6	100.0	200.0	3	C6-3-80-LR/L45065-10C	63	65.0	45.0	150	4.5	1.40	3-80-101108
			3.937	*7.874*			*2.480*	*2.559*	*1.772*	*2175*			*3-80-101108*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts							
CZC$_{MS}$	Clamp	Clamp screw	Shim	Shim screw	Nozzle	Sealing plug screw	Coolant screw	Sealing plug screw
C4-C5	5412 150-01	5516 010-02	5322 600-01	416.1-832	5691 026-05	3214 013-03	5512 104-01	
C6	5412 150-01	5516 010-02	5322 600-01	416.1-832	5691 026-05	3214 013-03	5512 104-01	3214 013-01

For the complete list of spare parts, visit www.sandvik.coromant.com

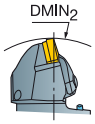
CoroTurn® 300 cutting unit for turning

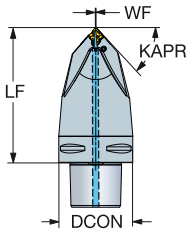
Lever clamp design

Coromant Capto® - Precision coolant supply

KAPR 50.0°
PSIR 40.0°



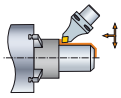






3-80

Tools for multi-task machining

	SSC	CZC_{MS}	$DMIN_2$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	10	C5	220.0	45°	3	C5-3-80-MN00115-10C	50	115.0	0.4	150	4.5	1.47	3-80-101108
			8.661				*1.969*	*4.528*	*.015*	*2175*			*3-80-101108*
		C6	250.0	45°	3	C6-3-80-MN00115-10C	63	115.0	0.4	150	4.5	2.19	3-80-101108
			9.843				*2.480*	*4.528*	*.015*	*2175*			*3-80-101108*

DMIN2 valid in combination with clamping unit R/LC2090.
SSC = To correspond with SSC on insert.

N = Neutral

Spare parts						
Clamp	Clamp screw	Shim	Shim screw	Nozzle	Sealing plug screw	Coolant screw
5412 150-01	5516 010-02	5322 600-01	416.1-832	5691 026-05	3214 013-03	5512 104-01

For the complete list of spare parts, visit www.sandvik.coromant.com

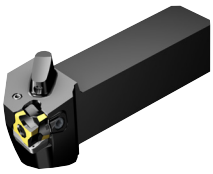
A13 F2 E3 G2 H37 H28 H15 H5

CoroTurn® 300 QS shank tool for turning

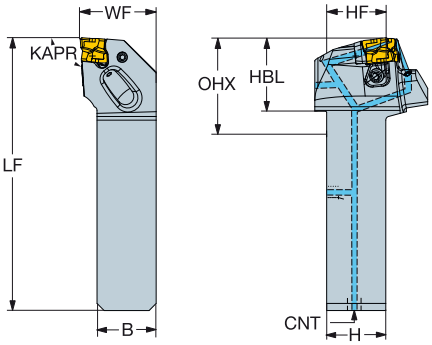
Lever clamp design

Precision coolant supply

KAPR 94.7°
PSIR -4.7°

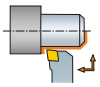




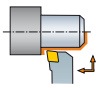


3-80

Metric version

	SSC	CZC_{MS}	OHX	CNSC	Ordering code	Dimensions, mm B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID
	10	20 x 20	54.0	3	QS-3-80LR/L202034-10C	20.0	20.0	34.0	103.0	25.0	20.0	G1/8	150	4.5	0.47	3-80-101108
		25 x 25	56.0	3	QS-3-80LR/L252531-10C	25.0	25.0	31.0	115.0	32.0	25.0	G1/8	150	4.5	0.68	3-80-101108

Inch version

	SSC	CZC_{MS}	OHX	CNSC	Ordering code	Dimensions, inch B	H	HBL	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	10	3/4 x 3/4	2.125	3	QS-3-80-LR/L12-22-10C	.750	.750	1.375	4.092	1.000	.750	G1/8	2175	3.3	0.977	3-80-101108
		1 x 1	2.250	3	QS-3-80-LR/L16-20-10C	1.000	1.000	1.250	4.557	1.250	1.000	G1/8	2175	3.3	1.536	3-80-101108

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts

Clamp	Clamp screw	Shim	Shim screw	Nozzle	Sealing plug screw	Coolant screw	Sealing plug screw	Sealing plug screw
5412 150-01	5516 010-02	5322 600-01	416.1-832	5691 026-05	3214 013-03	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A13 F2 E3 G2 H37 H15 H5

SANDVIK Coromant

CoroTurn® TR

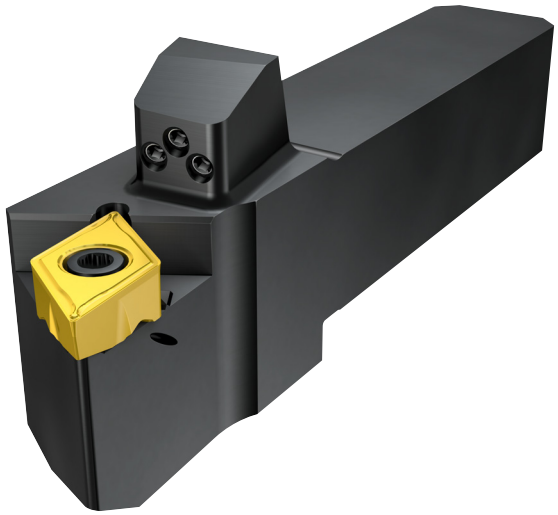
For stable external and internal profiling

Application

- Profiling
- Medium to finishing

ISO application area:

P M K S H



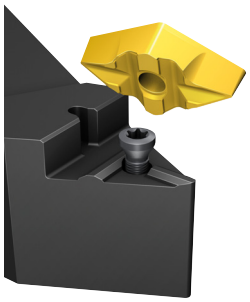
Benefits and features

- Stable insert clamping (iLock) ensures good repeatability and accuracy while allowing for high cutting data
- Precision coolant improves chip control and tool life
- Easy coolant connection and tool changes with plug and play adapters or QS stops (QS shanks)

www.sandvik.coromant.com/coroturntr

iLock™ locking interface

The T-rail on the holder and corresponding groove on the insert lock the insert precisely and securely.



Inserts

 TR-DC..	 TR-VB..
A18	A19

Tools

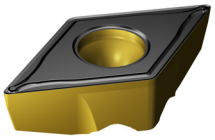
External machining				Internal machining	
Coromant Capto® cutting units	Shank tools	QS™ shank tools	CoroTurn® SL cutting heads	CoroTurn® SL cutting heads	CoroTurn® SL cutting heads for back boring
					
A20-A23	A24-A25	A26-A27	A28-A29	A30-A33	A34

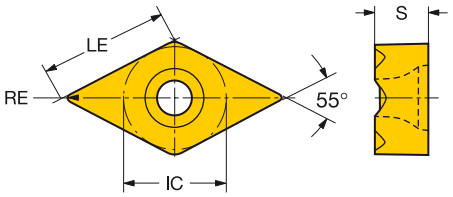


H28

CoroTurn® TR insert for turning

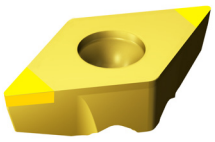
D-style insert (Rhombic 55°)

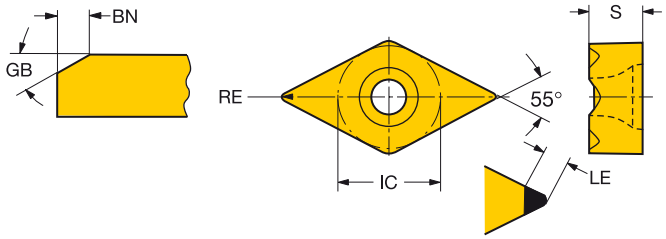




		IC	LE	S	RE	ISO CODE	P 1525	P 4315	P 4325	M 1115	M 1125	M 2025	M 2220	K H13A	S 1105	S 1115	S 1125	S H13A
Finishing	F	13	12.6	5.53	0.40	TR-DC1304-F	☆	★	☆	☆	☆	★	☆	★	★	☆	☆	☆
			.496	.218	.016													
			12.2	5.53	0.79	TR-DC1308-F	☆	★	☆	☆	☆	★	☆	★	★	☆	☆	☆
			.480	.218	.031													
Medium	M	13	12.2	5.53	0.79	TR-DC1308-M		☆	★	☆	☆	★	☆			★	☆	
			.480	.218	.031													
			11.8	5.53	1.19	TR-DC1312-M		☆	★	☆	☆	★				★	☆	
			.465	.218	.047													

Advanced cutting materials





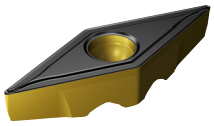
	IC	LE	S	RE	GB	BN	ISO CODE	H 7015	H 7025	H 7105	H 7115
Finishing	13	3.1	5.53	0.4	20°	0.10	TR-DC1304S01020F	☆	☆	☆	★
		.122	.218	.016	20°	.004					
		3.1	5.53	0.8	20°	0.10	TR-DC1308S01020F	☆	☆	☆	★
		.122	.218	.031	20°	.004					

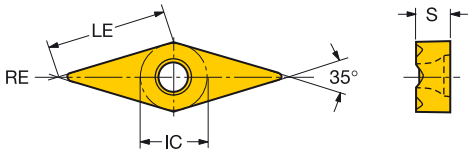
A20 A30 A334 A365 H37 H16 H3

SANDVIK Coromant

CoroTurn® TR insert for turning

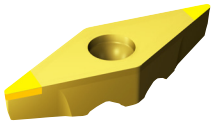
V-style insert (Rhombic 35°)

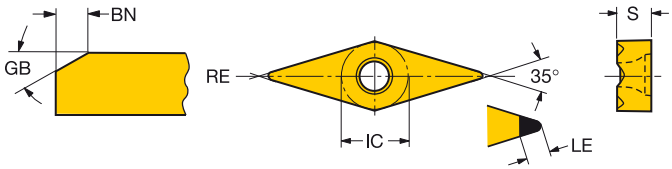




				LE	S	RE	ISO CODE	P			M			K	S			
								1525	4315	4325	1115	1125	2025	2220	H13A	1105	1115	1125	H13A
Finishing	F	13	8	12.8	4.53	0.20	TR-VB1302-F					★			★			★	☆
				.504	.178	.008													
				12.6	4.53	0.40	TR-VB1304-F	☆	★	☆	☆	☆	★	☆	★	★	☆	☆	☆
				.496	.178	.016													
				12.2	4.53	0.79	TR-VB1308-F	☆	★	☆	☆	☆	★	☆	★	★	☆	☆	☆
				.480	.178	.031													
				11.8	4.53	1.19	TR-VB1312-F		★	☆	★	☆			★		★	☆	☆
				.465	.178	.047													

Advanced cutting materials





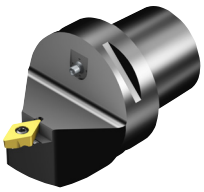
			LE	S	RE	GB	BN	ISO CODE	H			
									7015	7025	7105	7115
Finishing	13	8	3.1	4.53	0.4	20°	0.10	TR-VB1304S01020F	☆	☆	☆	★
			.122	.178	.016	20°	.004					
			3.1	4.53	0.8	20°	0.10	TR-VB1308S01020F	☆	☆	☆	★
			.122	.178	.031	20°	.004					

A20 A30 A334 A365 H37 H16 H3

CoroTurn® TR cutting unit for turning

Screw clamp design

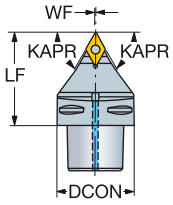
Coromant Capto® - Internal coolant supply

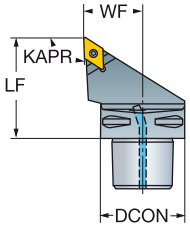


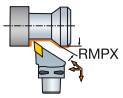
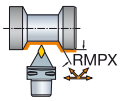


TR-DC

	TR-Cx-D13NCN	TR-Cx-D13JCR/L
KAPR	62.5°	93.0°
PSIR	27.5°	-3.0°





	IC	IC	CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	13	11	C4	27°	3	TR-C4-D13JCR/L-27050	40	50.0	27.0	10	3.0	0.30	TR-DC1308
							1.575	*1.969*	*1.063*	*145*			*TR-DC1308*
			C5	27°	3	TR-C5-D13JCR/L-35060	50	60.0	35.0	10	3.0	0.68	TR-DC1308
							1.969	*2.362*	*1.378*	*145*			*TR-DC1308*
			C6	27°	3	TR-C6-D13JCR/L-45065	63	65.0	45.0	10	3.0	1.15	TR-DC1308
							2.480	*2.559*	*1.772*	*145*			*TR-DC1308*
	13	11	C4	57°	3	TR-C4-D13NCN-00050	40	50.0	0.5	10	3.0	0.34	TR-DC1308
							1.575	*1.969*	*.020*	*145*			*TR-DC1308*
			C5	57°	3	TR-C5-D13NCN-00060	50	60.0	0.5	10	3.0	0.61	TR-DC1308
							1.969	*2.362*	*.020*	*145*			*TR-DC1308*
			C6	57°	3	TR-C6-D13NCN-00065	63	65.0	0.5	10	3.0	1.08	TR-DC1308
							2.480	*2.559*	*.020*	*145*			*TR-DC1308*

N = Neutral, R = Right hand, L = Left hand

			Spare parts	
IC	IC	CZC_{MS}	Screw	Nozzle
13	11	C4	5513 020-01	5691 034-01
13	11	C5-C6	5513 020-01	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A18 F2 E3 G2 H37 H28 H16 H5

SANDVIK Coromant

CoroTurn® TR cutting unit for turning

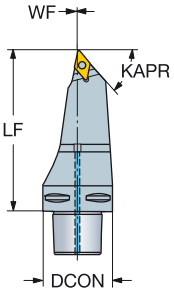
Screw clamp design

Coromant Capto® - Internal coolant supply

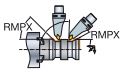
KAPR 48.0°
PSIR 42.0°







TR-DC

	IC	CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	13	C5	72°	3	TR-C5-D13MCL-00115	50	115.0	0.0	10	3.0	1.07	TR-DC1308
						1.969	*4.528*	*.000*	*145*			*TR-DC1308*
		C6	72°	3	TR-C6-D13MCL-00130	63	130.0	0.0	10	3.0	1.83	TR-DC1308
						2.480	*5.118*	*.000*	*145*			*TR-DC1308*

L = Left hand

Spare parts	
Screw	Nozzle
5513 020-01	5691 034-03

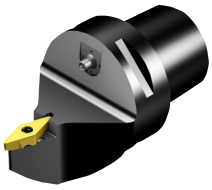
For the complete list of spare parts, visit www.sandvik.coromant.com

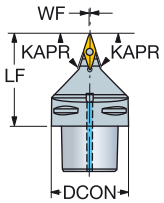
CoroTurn® TR cutting unit for turning

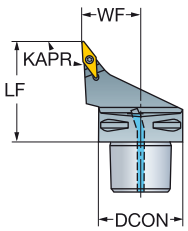
Screw clamp design

Coromant Capto® - Internal coolant supply

	TR-Cx-V13VBN	TR-Cx-V13JBR/L
KAPR	72.5°	93.0°
PSIR	17.5°	-3.0°

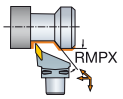








TR-VB

			CZC_{MS}	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	13	8	C4	50°	3	TR-C4-V13JBR/L-27050	40	50.0	27.0	10	2.0	0.34	TR-VB1308
							1.575	*1.969*	*1.063*	*145*			*TR-VB1308*
			C5	50°	3	TR-C5-V13JBR/L-35060	50	60.0	35.0	10	2.0	0.60	TR-VB1308
							1.969	*2.362*	*1.378*	*145*			*TR-VB1308*
			C6	50°	3	TR-C6-V13JBR/L-45065	63	65.0	45.0	10	2.0	1.07	TR-VB1308
							2.480	*2.559*	*1.772*	*145*			*TR-VB1308*
	13	8	C4	70°	3	TR-C4-V13VBN-00050	40	50.0	0.5	10	2.0	0.33	TR-VB1308
							1.575	*1.969*	*.020*	*145*			*TR-VB1308*
			C5	70°	3	TR-C5-V13VBN-00060	50	60.0	0.5	10	2.0	0.60	TR-VB1308
							1.969	*2.362*	*.020*	*145*			*TR-VB1308*
			C6	70°	3	TR-C6-V13VBN-00065	63	65.0	0.5	10	2.0	1.04	TR-VB1308
							2.480	*2.559*	*.020*	*145*			*TR-VB1308*

N = Neutral, R = Right hand, L = Left hand

			Spare parts	
		CZC_{MS}	Screw	Nozzle
13	8	C4	5513 020-64	5691 034-01
13	8	C5-C6	5513 020-64	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A19 F2 E3 G2 H37 H28 H16 H5

CoroTurn® TR cutting unit for turning

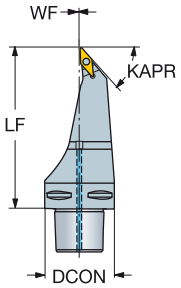
Screw clamp design

Coromant Capto® - Internal coolant supply

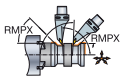
KAPR 50.0°
PSIR 40.0°







TR-VB

							Dimensions, mm, inch						
										BAR PSI	NM	KG	
		IC	CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF				MIID
	13	8	C5	47°	3	TR-C5-V13MBL-00115	50	115.0	0.0	10	2.0	1.00	TR-VB1308
							1.969	*4.528*	*.000*	*145*			*TR-VB1308*
			C6	47°	3	TR-C6-V13MBL-00130	63	130.0	0.0	10	2.0	1.71	TR-VB1308
							2.480	*5.118*	*.000*	*145*			*TR-VB1308*

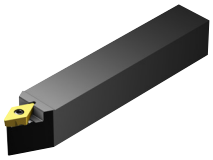
L = Left hand

Spare parts	
Screw	Nozzle
5513 020-64	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® TR shank tool for turning

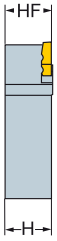
Screw clamp design



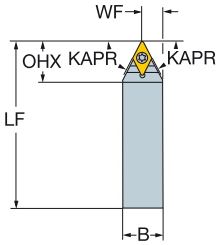


TR-DC

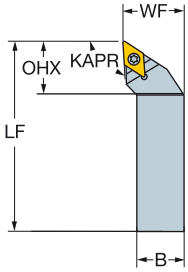
KAPR
PSIR



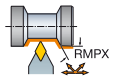
TR-D13NCN
62.5°
27.5°



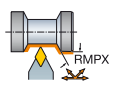
TR-D13JCR/L
93.0°
-3.0°



Metric version

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	13	16 x 16	27°	28.5	TR-D13JCR/L 1616K-S	16.0	16.0	125.0	16.0	16.0	3.0	0.27	TR-DC1308
		20 x 20	27°	28.5	TR-D13JCR/L 2020K	20.0	20.0	125.0	25.0	20.0	3.0	0.40	TR-DC1308
		25 x 25	27°	28.5	TR-D13JCR/L 2525M	25.0	25.0	150.0	32.0	25.0	3.0	0.73	TR-DC1308
		32 x 25	27°	28.5	TR-D13JCR/L 3225P	25.0	32.0	170.0	32.0	32.0	3.0	1.05	TR-DC1308
	13	16 x 16	57°	26.0	TR-D13NCN1616K-S	16.0	16.0	125.0	8.3	16.0	3.0	0.30	TR-DC1308
		20 x 20	57°	26.0	TR-D13NCN 2020K	20.0	20.0	125.0	10.5	20.0	3.0	0.40	TR-DC1308
		25 x 25	57°	26.0	TR-D13NCN 2525M	25.0	25.0	150.0	13.0	25.0	3.0	0.70	TR-DC1308
		32 x 25	57°	26.0	TR-D13NCN 3225P	25.0	32.0	170.0	13.0	32.0	3.0	1.03	TR-DC1308

Inch version

						Dimensions, inch							
	IC	CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID
	11	5/8 x 5/8	27°	28.5	TR-D13JCR/L 10C-S	15.9	15.9	127.0	15.9	15.9	3.0	0.27	TR-DC1308
		3/4 x 3/4	27°	28.5	TR-D13JCR/L 12B	19.1	19.1	114.3	25.4	19.1	3.0	0.30	TR-DC1308
		1 x 1	27°	28.5	TR-D13JCR/L 16D	25.4	25.4	152.4	31.8	25.4	3.0	0.80	TR-DC1308
	11	5/8 x 5/8	57°	26.0	TR-D13NCN 10C-S	15.9	15.9	127.0	8.4	15.9	3.0	0.32	TR-DC1308
		3/4 x 3/4	57°	26.0	TR-D13NCN 12B	19.1	19.1	114.3	10.0	19.1	3.0	0.30	TR-DC1308
		1 x 1	57°	26.0	TR-D13NCN 16D	25.4	25.4	152.4	13.2	25.4	3.0	0.69	TR-DC1308

N = Neutral, R = Right hand, L = Left hand

Spare parts	
Screw	
5513 020-01	

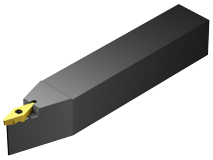
For the complete list of spare parts, visit www.sandvik.coromant.com

A18 F2 E3 H37 H28 H16

SANDVIK Coromant

CoroTurn® TR shank tool for turning

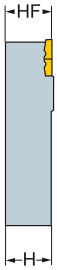
Screw clamp design



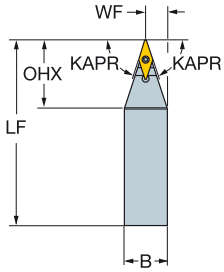


TR-VB

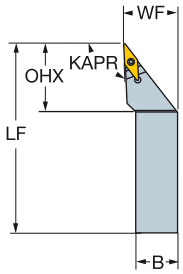
KAPR
PSIR



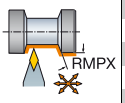
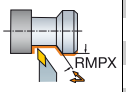
TR-V13VBN
72.5°
17.5°



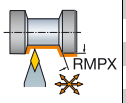
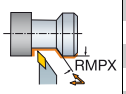
TR-V13JBR/L
93.0°
-3.0°



Metric version

						Dimensions, mm							
		CZC$_{MS}$	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	13	16 x 16	70°	32.0	TR-V13VBN 1616K-S	16.0	16.0	125.0	8.3	16.0	2.0	0.26	TR-VB1308
		20 x 20	70°	31.8	TR-V13VBN 2020K	20.0	20.0	125.0	10.5	20.0	2.0	0.40	TR-VB1308
		25 x 25	70°	39.7	TR-V13VBN 2525M	25.0	25.0	150.0	13.0	25.0	2.0	0.67	TR-VB1308
		32 x 25	70°	39.7	TR-V13VBN 3225P	25.0	32.0	170.0	13.0	32.0	2.0	1.00	TR-VB1308
	13	16 x 16	50°	32.0	TR-V13JBR/L 1616K-S	16.0	16.0	125.0	16.0	16.0	2.0	0.27	TR-VB1308
		20 x 20	50°	32.0	TR-V13JBR/L 2020K	20.0	20.0	125.0	25.0	20.0	2.0	0.40	TR-VB1308
		25 x 25	50°	40.9	TR-V13JBR/L 2525M	25.0	25.0	150.0	32.0	25.0	2.0	0.69	TR-VB1308
		32 x 25	50°	40.9	TR-V13JBR/L 3225P	25.0	32.0	170.0	32.0	32.0	2.0	1.01	TR-VB1308

Inch version

						Dimensions, inch							
		CZC$_{MS}$	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID
	8	5/8 x 5/8	70°	32.0	TR-V13VBN 10C-S	15.9	15.9	127.0	8.4	15.9	2.0	0.26	TR-VB1308
		3/4 x 3/4	70°	30.3	TR-V13VBN 12B	19.1	19.1	114.3	10.0	19.1	2.0	0.30	TR-VB1308
		1 x 1	70°	40.3	TR-V13VBN 16D	25.4	25.4	152.4	13.2	25.4	2.0	0.70	TR-VB1308
	8	5/8 x 5/8	50°	32.0	TR-V13JBR/L 10C-S	15.9	15.9	127.0	15.9	15.9	2.0	0.26	TR-VB1308
		3/4 x 3/4	50°	32.0	TR-V13JBR/L 12B	19.1	19.1	114.3	25.4	19.1	2.0	0.31	TR-VB1308
		1 x 1	50°	40.1	TR-V13JBR/L 16D	25.4	25.4	152.4	31.8	25.4	2.0	0.70	TR-VB1308

N = Neutral, R = Right hand, L = Left hand

Spare parts	
Screw	
5513 020-64	

For the complete list of spare parts, visit www.sandvik.coromant.com

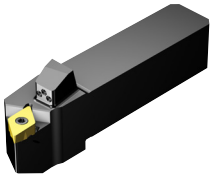
A19 F2 E3 H37 H28 H16

CoroTurn® TR QS shank tool for turning

Screw clamp design

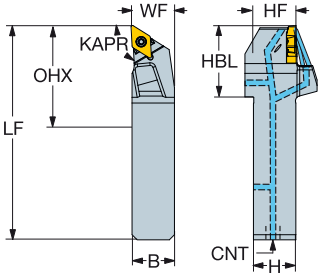
Precision coolant supply

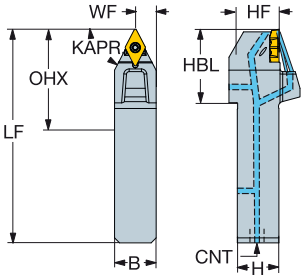
	QS-TR-D..JCR/L..HP	QS-TR-D..JCN..HP
KAPR	93.0°	62.5°
PSIR	-3.0°	27.5°



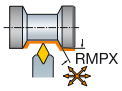
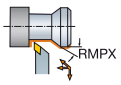


TR-DC

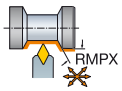
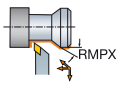




Metric version

		CZC$_{MS}$	RMPX	OHX	CNSC	Ordering code	Dimensions, mm B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID
	13	20 x 20	60°	64.0	3	QS-TR-D13NCN 2020HP	20.0	20.0	44.0	113.0	10.5	20.0	G1/8	150	3.0	0.36	TR-DC1308
		25 x 25	60°	69.0	3	QS-TR-D13NCN 2525HP	25.0	25.0	44.0	128.0	13.0	25.0	G1/8	150	3.0	0.60	TR-DC1308
	13	20 x 20	30°	62.0	3	QS-TR-D13JCR/L 2020HP	20.0	20.0	42.0	111.0	20.5	20.0	G1/8	150	3.0	0.36	TR-DC1308
		25 x 25	30°	67.0	3	QS-TR-D13JCR/L 2525HP	25.0	25.0	42.0	126.0	25.5	25.0	G1/8	150	3.0	0.60	TR-DC1308

Inch version

		CZC$_{MS}$	RMPX	OHX	CNSC	Ordering code	Dimensions, inch B	H	HBL	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	11	3/4 x 3/4	60°	2.480	3	QS-TR-D13NCN 12HP	.750	.750	1.732	4.449	.394	.750	G1/8	2175	2.2	0.660	TR-DC1308
		1 x 1	60°	2.717	3	QS-TR-D13NCN 16HP	1.000	1.000	1.732	5.039	.519	1.000	G1/8	2175	2.2	0.660	TR-DC1308
	11	3/4 x 3/4	30°	2.402	3	QS-TR-D13JCR/L 12HP	.750	.750	1.654	4.370	.770	.750	G1/8	2175	2.2	0.660	TR-DC1308
		1 x 1	30°	2.638	3	QS-TR-D13JCR/L 16HP	1.000	1.000	1.654	4.961	1.020	1.000	G1/8	2175	2.2	1.360	TR-DC1308

N = Neutral, R = Right hand, L = Left hand

Spare parts					
Insert screw	Nozzle	Coolant screw	Washer	Stop screw	Stop screw
5513 020-01	5691 026-13	5512 104-01	5541 066-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

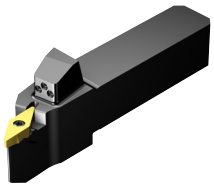
A18 F2 E3 G2 H37 H28 H16 H5

CoroTurn® TR QS shank tool for turning

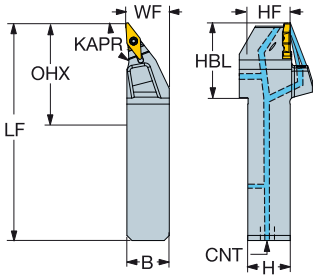
Screw clamp design

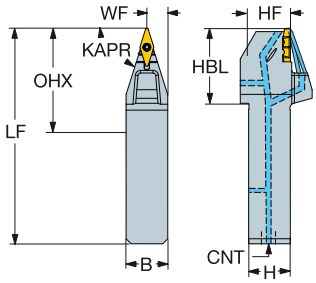
Precision coolant supply

	QS-TR-V..R/L..HP	QS-TR-V..N..HP
KAPR	93.0°	72.5°
PSIR	-3.0°	17.5°









TR-VB

Metric version

	IC	CZC_{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID
	13	20 x 20	70°	65.0	3	**QS-TR-V13VBN 2020HP**	20.0	20.0	45.0	114.0	10.5	20.0	G1/8	150	2.0	0.34	TR-VB1308
		25 x 25	70°	70.0	3	**QS-TR-V13VBN 2525HP**	25.0	25.0	45.0	129.0	13.0	25.0	G1/8	150	2.0	0.57	TR-VB1308
	13	20 x 20	50°	64.0	3	**QS-TR-V13JBR/L 2020HP**	20.0	20.0	44.0	113.0	20.5	20.0	G1/8	150	2.0	0.34	TR-VB1308
		25 x 25	50°	69.0	3	**QS-TR-V13JBR/L 2525HP**	25.0	25.0	44.0	128.0	25.5	25.0	G1/8	150	2.0	0.57	TR-VB1308

Inch version

	IC	CZC_{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	8	3/4 x 3/4	70°	2.520	3	**QS-TR-V13VBN 12HP**	.750	.750	1.772	4.488	.398	.750	G1/8	2175	1.5	0.660	TR-VB1308
		1 x 1	70°	2.756	3	**QS-TR-V13VBN 16HP**	1.000	1.000	1.772	5.079	.523	1.000	G1/8	2175	1.5	0.660	TR-VB1308
	8	3/4 x 3/4	50°	2.480	3	**QS-TR-V13JBR/L 12HP**	.750	.750	1.732	4.449	.770	.750	G1/8	2175	1.5	0.660	TR-VB1308
		1 x 1	50°	2.717	3	**QS-TR-V13JBR/L 16HP**	1.000	1.000	1.732	5.039	1.020	1.000	G1/8	2175	1.5	0.660	TR-VB1308

N = Neutral, R = Right hand, L = Left hand

Spare parts					
Insert screw	Nozzle	Coolant screw	Washer	Stop screw	Stop screw
5513 020-64	5691 026-13	5512 104-01	5541 066-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A19 F2 E3 G2 H37 H28 H16 H5

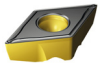
CoroTurn® TR head for turning

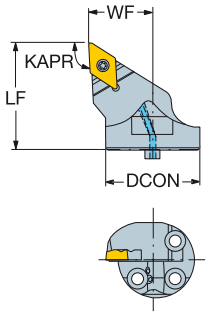
Screw clamp design

CoroTurn® SL - Precision coolant supply

KAPR 93.0°
PSIR -3.0°







TR-DC

	IC	IC	CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
RMPX	13	11	32	27°	1	TR-SL-D13JCR/L-32HP-X	32	40.0	22.0	80	3.0	0.14	TR-DC1308
							1.260	*1.575*	*.866*	*1160*			*TR-DC1308*
			40	27°	1	TR-SL-D13JCR/L-40HP-X	40	45.0	27.0	80	3.0	0.23	TR-DC1308
							1.575	*1.772*	*1.063*	*1160*			*TR-DC1308*

Dimensions, mm, inch

R = Right hand, L = Left hand

Spare parts

Insert screw	Nozzle	Locating tube
5513 020-01	5691 026-03	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A18 F2 H37 H28 H16 H5 H2

SANDVIK Coromant

CoroTurn® TR head for turning

Screw clamp design

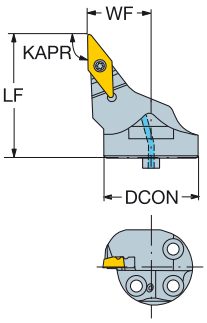
CoroTurn® SL - Precision coolant supply

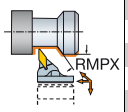
KAPR 93.0°
PSIR -3.0°





TR-VB



							Dimensions, mm, inch						
										BAR PSI	NM	KG	
		IC	CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF				MIID
	13	8	32	44°	1	TR-SL-V13JBR/L-32HP-X	32	42.0	22.0	80	2.0	0.13	TR-VB1308
							1.260	*1.654*	*.866*	*1160*			*TR-VB1308*
			40	44°	1	TR-SL-V13JBR/L-40HP-X	40	42.0	27.0	80	2.0	0.18	TR-VB1308
							1.575	*1.654*	*1.063*	*1160*			*TR-VB1308*

R = Right hand, L = Left hand

Spare parts		
Insert screw	Nozzle	Locating tube
5513 020-64	5691 026-03	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

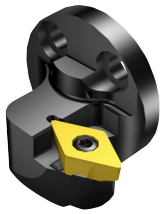
A19 F2 H37 H28 H16 H5 H2

CoroTurn® TR head for turning

Screw clamp design

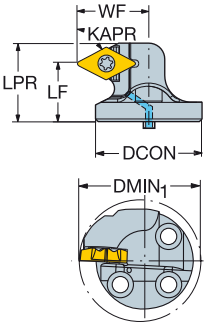
CoroTurn® SL - Precision coolant supply

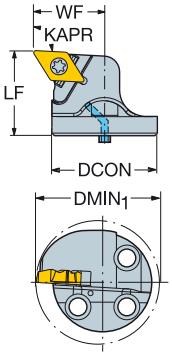
	TR-SL-D13XCR/L..HP	TR-SL-D13UCR/L..HP
KAPR	62.5°	93.0°
PSIR	27.5°	-3.0°





TR-DC





	IC	CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
	13	11	32	40.0	27°	1	TR-SL-D13UCR/L-32HP	32		38.0	22.0	80	3.0	0.16	TR-DC1308
				1.575				*1.260*		*1.496*	*.866*	*1160*			*TR-DC1308*
			40	50.0	27°	1	TR-SL-D13UCR/L-40HP	40		38.0	27.0	80	3.0	0.23	TR-DC1308
				1.969				*1.575*		*1.496*	*1.063*	*1160*			*TR-DC1308*
			40	54.0	27°	1	TR-SL-D13UCR/L-40HP32	40		38.0	32.0	80	3.0	0.24	TR-DC1308
				2.126				*1.575*		*1.496*	*1.260*	*1160*			*TR-DC1308*
			40	59.0	27°	1	TR-SL-D13UCR/L-40HP37	40		38.0	37.0	80	3.0	0.24	TR-DC1308
				2.323				*1.575*		*1.496*	*1.457*	*1160*			*TR-DC1308*
			40	63.0	27°	1	TR-SL-D13UCR/L-40HP43	40		38.0	43.0	80	3.0	0.27	TR-DC1308
				2.480				*1.575*		*1.496*	*1.693*	*1160*			*TR-DC1308*
	13	11	32	45.0	60°	1	TR-SL-D13XCR-32HP	32	34.0	27.0	27.0	80	3.0	0.16	TR-DC1308
				1.772				*1.260*	*1.339*	*1.063*	*1.063*	*1160*			*TR-DC1308*
			40	54.0	60°	1	TR-SL-D13XCR/L-40HP32	40	25.7	22.0	32.0	80	3.0	0.20	TR-DC1308
				2.126				*1.575*	*1.012*	*.866*	*1.260*	*1160*			*TR-DC1308*
			40	59.0	60°	1	TR-SL-D13XCR/L-40HP37	40	25.7	22.0	37.0	80	3.0	0.22	TR-DC1308
				2.323				*1.575*	*1.012*	*.866*	*1.457*	*1160*			*TR-DC1308*
			40	63.0	60°	1	TR-SL-D13XCR/L-40HP43	40	25.7	22.0	43.0	80	3.0	0.23	TR-DC1308
				2.480				*1.575*	*1.012*	*.866*	*1.693*	*1160*			*TR-DC1308*
			40	50.0	60°	1	TR-SL-D13XCR-40HP	40	29.5	22.0	29.0	80	3.0	0.19	TR-DC1308
				1.969				*1.575*	*1.161*	*.866*	*1.142*	*1160*			*TR-DC1308*

R = Right hand, L = Left hand

Spare parts		
Insert screw	Nozzle	Locating tube
5513 020-01	5691 026-03	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® TR head for turning

Screw clamp design

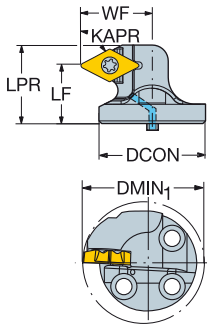
CoroTurn® SL - Internal coolant supply

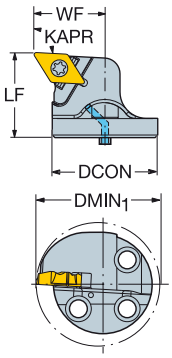
	TR-SL-D13XCR/L	TR-SL-D13UCR/L
KAPR	62.5°	93.0°
PSIR	27.5°	-3.0°

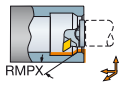
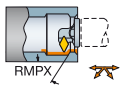




TR-DC





	IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
	13	11	25	35.0	27°	1	TR-SL-D13UCR/L-25	25		27.0	20.0	10	3.0	0.08	TR-DC1308
				1.378				*.984*		*1.063*	*.787*	*145*			*TR-DC1308*
			32	40.0	27°	1	TR-SL-D13UCR/L-32	32		32.0	22.0	10	3.0	0.14	TR-DC1308
				1.575				*1.260*		*1.260*	*.866*	*145*			*TR-DC1308*
			40	50.0	27°	1	TR-SL-D13UCR/L-40	40		32.0	27.0	10	3.0	0.19	TR-DC1308
				1.969				*1.575*		*1.260*	*1.063*	*145*			*TR-DC1308*
	13	11	25	35.0	60°	1	TR-SL-D13XCR/L-25	25	23.3	20.0	20.0	10	3.0	0.07	TR-DC1308
				1.378				*.984*	*.917*	*.787*	*.787*	*145*			*TR-DC1308*
			32	40.0	60°	1	TR-SL-D13XCL-32	32	29.2	22.0	22.0	10	3.0	0.13	TR-DC1308
				1.575				*1.260*	*1.150*	*.866*	*.866*	*145*			*TR-DC1308*
			40	50.0	60°	1	TR-SL-D13XCR/L-40	40	29.2	22.0	27.0	10	3.0	0.17	TR-DC1308
				1.969				*1.575*	*1.150*	*.866*	*1.063*	*145*			*TR-DC1308*

R = Right hand, L = Left hand

			Spare parts	
	IC	CZC_{MS}	Insert screw	Locating tube
13	11	25	5513 020-01	5552 058-02
13	11	32-40	5513 020-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A18 F2 H37 H28 H16 H5 H2

CoroTurn® TR head for turning

Screw clamp design

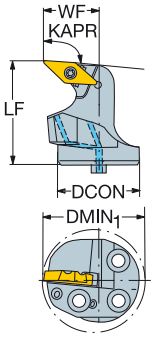
CoroTurn® SL - Precision coolant supply

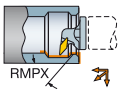
KAPR 95.0°
PSIR -5.0°





TR-VB



								Dimensions, mm, inch						
			CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	13	8	32	40.0	45°	1	TR-SL-V13LBR/L-32HP	32	40.0	22.0	80	2.0	0.17	TR-VB1308
				1.575				*1.260*	*1.575*	*.866*	*1160*			*TR-VB1308*
			40	50.0	45°	1	TR-SL-V13LBR/L-40HP	40	38.0	27.0	80	2.0	0.22	TR-VB1308
				1.969				*1.575*	*1.496*	*1.063*	*1160*			*TR-VB1308*

RMPX

R = Right hand, L = Left hand

Spare parts		
Insert screw	Nozzle	Locating tube
5513 020-64	5691 026-03	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A19 F2 H37 H28 H16 H5 H2

CoroTurn® TR head for turning

Screw clamp design

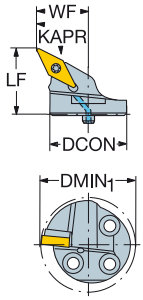
CoroTurn® SL - Internal coolant supply

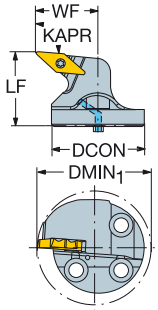
	TR-SL-V13PBR/L	TR-SL-V13LBR/L
KAPR	117.5°	95.0°
PSIR	-27.5°	-5.0°

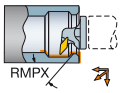
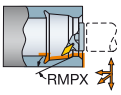




TR-VB





	IC	CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MID
 RMPX	13	8	25	35.0	45°	1	TR-SL-V13LBR/L-25	25	27.0	20.0	10	2.0	0.08	TR-VB1308
				1.378				*.984*	*1.063*	*.787*	*145*			*TR-VB1308*
			32	40.0	45°	1	TR-SL-V13LBR/L-32	32	32.0	22.0	10	2.0	0.13	TR-VB1308
				1.575				*1.260*	*1.260*	*.866*	*145*			*TR-VB1308*
			40	50.0	45°	1	TR-SL-V13LBR/L-40	40	32.0	27.0	10	2.0	0.18	TR-VB1308
				1.969				*1.575*	*1.260*	*1.063*	*145*			*TR-VB1308*
 RMPX	13	8	25	33.0	25°	1	TR-SL-V13PBR/L-25	25	28.0	17.0	10	2.0	0.07	TR-VB1308
				1.299				*.984*	*1.102*	*.669*	*145*			*TR-VB1308*
			32	40.0	25°	1	TR-SL-V13PBR/L-32	32	32.0	22.0	10	2.0	0.12	TR-VB1308
				1.575				*1.260*	*1.260*	*.866*	*145*			*TR-VB1308*
			40	50.0	25°	1	TR-SL-V13PBR/L-40	40	32.0	27.0	10	2.0	0.15	TR-VB1308
				1.969				*1.575*	*1.260*	*1.063*	*145*			*TR-VB1308*

R = Right hand, L = Left hand

	IC	CZC$_{MS}$	Spare parts Insert screw	Locating tube
13	8	25	5513 020-64	5552 058-02
13	8	32-40	5513 020-64	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

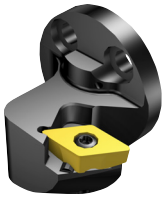
A19 F2 H37 H28 H16 H5 H2

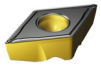
CoroTurn® TR head for back boring

Screw clamp design

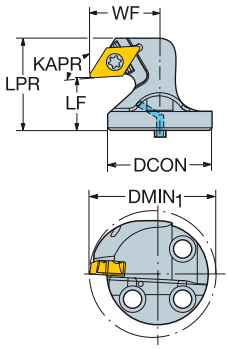
CoroTurn® SL - Internal coolant supply

KAPR 93.0°
PSIR -3.0°





TR-DC



								Dimensions, mm, inch							
												BAR PSI	NM	KG	
		IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LPR	LF	WF				MIID
RMPX	13	11	25	36.0	27°	1	TR-SL-D13UCR/L-25X	25	32.1	17.0	21.0	10	3.0	0.09	TR-DC1308
				1.417				*.984*	*1.264*	*.669*	*.827*	*145*			*TR-DC1308*
			32	40.0	27°	1	TR-SL-D13UCR/L-32X	32	35.1	20.0	22.0	10	3.0	0.14	TR-DC1308
				1.575				*1.260*	*1.382*	*.787*	*.866*	*145*			*TR-DC1308*
			40	50.0	27°	1	TR-SL-D13UCR/L-40X	40	35.1	20.0	27.0	10	3.0	0.20	TR-DC1308
				1.969				*1.575*	*1.382*	*.787*	*1.063*	*145*			*TR-DC1308*

R = Right hand, L = Left hand

			Spare parts	
	IC	CZC_{MS}	Insert screw	Locating tube
13	11	25	5513 020-01	5552 058-02
13	11	32-40	5513 020-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A18 F2 H37 H28 H16 H5 H2

CoroTurn® 107

For internal and external turning of slender components

Application

- Longitudinal turning
- Profiling
- Back boring
- Medium to finishing



ISO application area:

P M K N S H

Benefits and features

- Low cutting forces
- Screw clamping ensures stability and unobstructed chip flow
- Insert geometries and grades for all materials
- Wiper geometries available for high feeds and excellent surface finish
- Holders and insert geometries with conventional and CoroTurn® HP design

www.sandvik.coromant.com/coroturn107

Positive insert shape

- 5°, 7° clearance angle
- All types of insert shapes and sizes
- Geometries and grades for all application areas
- Insert grades also in advanced cutting materials PCD, CBN, and ceramics

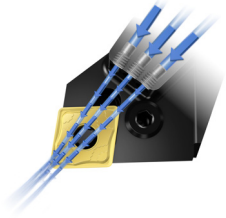
Tools

- Coromant Capto® cutting units
- Shank tools
- QS™ shank tools
- Boring bars
- CoroTurn® SL heads

Tools with EasyFix™ and Silent Tools™ available.

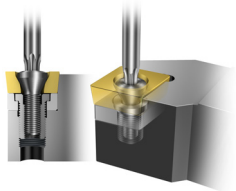
Designed for precision coolant

Holders are available with precision nozzles for excellent chip control.



Screw clamping

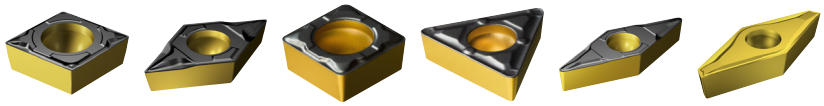
Adds stability and unobstructed chip flow



A36 A63 A98 H28

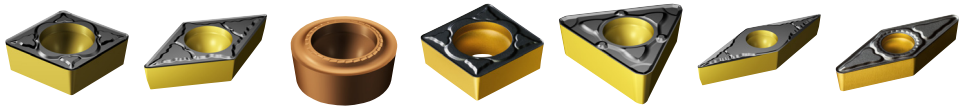
CoroTurn® 107 insert for turning

Finishing



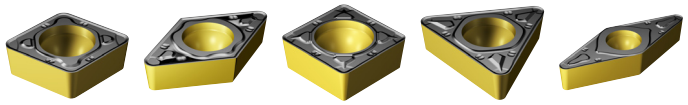
	CC..	DC..	SC..	TC..	VB..	VC..
Page	A37	A44	A49	A52	A59	A59

Medium



	CC..	DC..	RC..	SC..	TC..	VB..	VC..
Page	A37	A44	A48	A49	A52	A59	A59

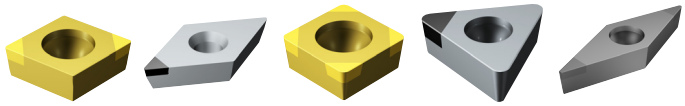
Roughing



	CC..	DC..	SC..	TC..	VB..
Page	A37	A44	A49	A52	A59

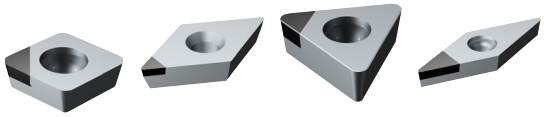
Advanced cutting materials

Cubic boron nitride (CBN)



	CC..	DC..	SC..	TC..	VB..
Page	A41	A47	A51	A58	A62

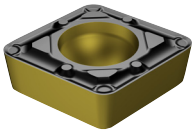
Polycrystalline diamond (PCD)

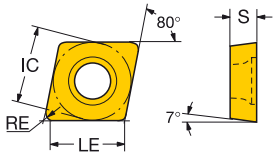


	CC..	DC..	TC..	VC..
Page	A41	A47	A58	A62

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)



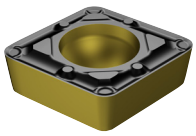


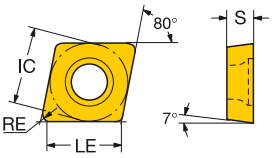
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Finishing	WF	06	1/4	6.2	2.38	0.20	CCMT 06 02 02-WF						★		★								★					★			CCMT 2(1.5)0-WF
				.246	.094	.008																								
				6.0	2.38	0.40	CCMT 06 02 04-WF	☆		★	☆		☆	☆	☆	★				★	☆		★				★	☆			CCMT 2(1.5)1-WF
				.238	.094	.016																								
				5.6	2.38	0.79	CCMT 06 02 08-WF	☆		★	☆		☆	☆	☆	★				★	☆		★				★	☆			CCMT 2(1.5)2-WF
				.222	.094	.031																								
		09	3/8	9.5	3.97	0.20	CCMT 09 T3 02-WF						★		★								★					★			CCMT 3(2.5)0-WF
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				.365	.156	.016																								
				8.9	3.97	0.79	CCMT 09 T3 08-WF	☆		★	☆		☆	☆	☆	★				★	☆		★				★	☆			CCMT 3(2.5)2-WF
				.349	.156	.031																								
	PF	06	1/4	6.2	2.38	0.20	CCMT 06 02 02-PF				☆		★																		CCMT 2(1.5)0-PF
				.246	.094	.008																								
				6.0	2.38	0.40	CCMT 06 02 04-PF			★	☆		☆																		CCMT 2(1.5)1-PF
				.238	.094	.016																								
		09	3/8	9.5	3.97	0.20	CCMT 09 T3 02-PF				☆		★																		CCMT 3(2.5)0-PF
				.373	.156	.008																								
				9.3	3.97	0.40	CCMT 09 T3 04-PF			★	☆		☆																		CCMT 3(2.5)1-PF
				.365	.156	.016																								
				8.9	3.97	0.79	CCMT 09 T3 08-PF			★	☆		☆																		CCMT 3(2.5)2-PF
				.349	.156	.031																								
		12	1/2	12.5	4.76	0.40	CCMT 12 04 04-PF			★	☆		☆																		CCMT 431-PF
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	KF	06	1/4	6.2	2.38	0.20	CCMT 06 02 02-KF															★									CCMT 2(1.5)0-KF
				.246	.094	.008																								
				6.0	2.38	0.40	CCMT 06 02 04-KF															★									CCMT 2(1.5)1-KF
				.238	.094	.016																								
		09	3/8	9.5	3.97	0.20	CCMT 09 T3 02-KF															★									CCMT 3(2.5)0-KF
				.373	.156	.008																								
				9.3	3.97	0.40	CCMT 09 T3 04-KF													★	☆	☆									CCMT 3(2.5)1-KF
				.365	.156	.016																								
				8.9	3.97	0.79	CCMT 09 T3 08-KF													★	☆										CCMT 3(2.5)2-KF
				.349	.156	.031																								
		12	1/2	12.5	4.76	0.40	CCMT 12 04 04-KF															★									CCMT 431-KF
				.492	.187	.016																								
	MF	06	1/4	6.2	2.38	0.20	CCMT 06 02 02-MF							★	☆											★	☆	☆			CCMT 2(1.5)0-MF
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				9.3	3.97	0.40	CCMT 09 T3 04-MF							☆	☆	★	☆		☆							★	☆	☆			CCMT 3(2.5)1-MF
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				8.9	3.97	0.79	CCMT 09 T3 08-MF							☆	☆	★	☆		☆							★	☆	☆		☆	CCMT 3(2.5)2-MF
				.349	.156	.031																								
		12	1/2	12.5	4.76	0.40	CCMT 12 04 04-MF							☆	☆	★	☆		☆								★	☆			CCMT 431-MF
				.492	.187	.016																								
	UF	06	1/4	6.2	2.38	0.20	CCMT 06 02 02-UF						★		★													★			CCMT 2(1.5)0-UF
				.246	.094	.008																								
				6.0	2.38	0.40	CCMT 06 02 04-UF			★	☆	☆	☆		★													★			CCMT 2(1.5)1-UF
				.238	.094	.016																								
				5.6	2.38	0.79	CCMT 06 02 08-UF						★																			CCMT 2(1.5)2-UF
				.222	.094	.031																								
		09	3/8	9.5	3.97	0.20	CCMT 09 T3 02-UF								★													★			CCMT 3(2.5)0-UF
				.373	.156	.008																								
				9.3	3.97	0.40	CCMT 09 T3 04-UF			★	☆		☆		★													★			CCMT 3(2.5)1-UF
				.365	.156	.016																								

A63 A98 A334 A365 H37 H6

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)





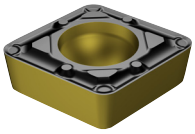
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Medium	WM	06	5.6	2.38	0.79	CCMT 06 02 08-WM			☆	★	☆		★													★				CCMT 3(2.5)2-WM
			.222	.094	.031																									
		09	9.3	3.97	0.40	CCMT 09 T3 04-WM	☆	☆	☆	★			☆		★				★	☆						★				CCMT 3(2.5)1-WM
			.365	.156	.016																									
			8.9	3.97	0.79	CCMT 09 T3 08-WM	☆	☆	☆	★	☆		☆		★				★	☆						★				CCMT 3(2.5)2-WM
			.349	.156	.031																									
		12	12.5	4.76	0.40	CCMT 12 04 04-WM			☆	★			☆		★				★	☆						★				CCMT 431-WM
			.492	.187	.016																									
			12.1	4.76	0.79	CCMT 12 04 08-WM		☆	☆	★			☆		★				★	☆						★				CCMT 432-WM
			.476	.187	.031																									
	PM	06	6.0	2.38	0.40	CCMT 06 02 04-PM	☆		☆	★	☆	☆																		CCMT 2(1.5)1-PM
			.238	.094	.016																									
			5.6	2.38	0.79	CCMT 06 02 08-PM	☆		☆	★	☆	☆																		CCMT 2(1.5)2-PM
			.222	.094	.031																									
		09	9.3	3.97	0.40	CCMT 09 T3 04-PM	☆	☆	☆	★	☆	☆																		CCMT 3(2.5)1-PM
			.365	.156	.016																									
			8.9	3.97	0.79	CCMT 09 T3 08-PM	☆	☆	☆	★	☆	☆																		CCMT 3(2.5)2-PM
			.349	.156	.031																									
		12	12.5	4.76	0.40	CCMT 12 04 04-PM			☆	★	☆	☆																		CCMT 431-PM
			.492	.187	.016																									
			12.1	4.76	0.79	CCMT 12 04 08-PM	☆		☆	★	☆	☆																		CCMT 432-PM
			.476	.187	.031																									
			11.7	4.76	1.19	CCMT 12 04 12-PM			☆	★																				CCMT 433-PM
			.460	.187	.047																									
	MM	06	6.0	2.38	0.40	CCMT 06 02 04-MM							☆	☆	★										★	☆	☆			CCMT 2(1.5)1-MM
			.238	.094	.016																									
			5.6	2.38	0.79	CCMT 06 02 08-MM							☆	☆	★										★	☆	☆			CCMT 2(1.5)2-MM
			.222	.094	.031																									
		09	9.3	3.97	0.40	CCMT 09 T3 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆			CCMT 3(2.5)1-MM
			.365	.156	.016																									
			8.9	3.97	0.79	CCMT 09 T3 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆			CCMT 3(2.5)2-MM
			.349	.156	.031																									
		12	12.5	4.76	0.40	CCMT 12 04 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆			CCMT 431-MM
			.492	.187	.016																									
			12.1	4.76	0.79	CCMT 12 04 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆			CCMT 432-MM
			.476	.187	.031																									
			11.7	4.76	1.19	CCMT 12 04 12-MM								☆	★												★			CCMT 433-MM
			.460	.187	.047																									
	KM	06	6.0	2.38	0.40	CCMT 06 02 04-KM													★	☆	☆									CCMT 2(1.5)1-KM
			.238	.094	.016																									
			5.6	2.38	0.79	CCMT 06 02 08-KM													★	☆	☆									CCMT 2(1.5)2-KM
			.222	.094	.031																									
		09	9.3	3.97	0.40	CCMT 09 T3 04-KM													★	☆	☆									CCMT 3(2.5)1-KM
			.365	.156	.016																									
			8.9	3.97	0.79	CCMT 09 T3 08-KM													★	☆	☆									CCMT 3(2.5)2-KM
			.349	.156	.031																									
		12	12.5	4.76	0.40	CCMT 12 04 04-KM													★	☆	☆									CCMT 431-KM
			.492	.187	.016																									
			12.1	4.76	0.79	CCMT 12 04 08-KM													★	☆	☆									CCMT 432-KM
			.476	.187	.031																									
	UM	06	6.3	2.38	0.10	CCET 06 02 01-UM							★	☆								★			☆	☆	★			CCET 2(1.5)03-UM
			.250	.094	.004																									
			6.2	2.38	0.20	CCET 06 02 02-UM							★	☆								★			☆	☆	★			CCET 2(1.5)0-UM
			.246	.094	.008																									
			6.0	2.38	0.40	CCET 06 02 04-UM							★	☆								★			☆	☆	★			CCET 2(1.5)1-UM
			.238	.094	.016																									

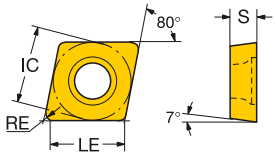
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SANDVIK Coromant

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)



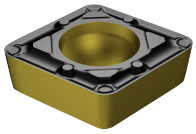


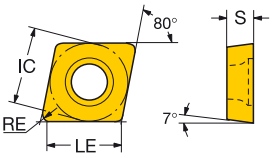
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Medium	AL	06	1/4	6.2	2.38	0.20	CCGX 06 02 02-AL																★							CCGX 2(1.5)0-AL
				.246	.094	.008																								
				6.0	2.38	0.40	CCGX 06 02 04-AL																★							CCGX 2(1.5)1-AL
				.238	.094	.016																								
		09	3/8	9.3	3.97	0.40	CCGX 09 T3 04-AL																★							CCGX 3(2.5)1-AL
				.365	.156	.016																								
				8.9	3.97	0.79	CCGX 09 T3 08-AL																★							CCGX 3(2.5)2-AL
				.349	.156	.031																								
		12	1/2	12.5	4.76	0.40	CCGX 12 04 04-AL																★							CCGX 431-AL
				.492	.187	.016																								
				12.1	4.76	0.79	CCGX 12 04 08-AL																★							CCGX 432-AL
				.476	.187	.031																								
	UM	06	1/4	6.3	2.38	0.10	CCGT 06 02 01-UM						★	☆							★	☆		★	☆	☆	★	☆		CCGT 2(1.5)03-UM
				.250	.094	.004																								
				6.2	2.38	0.20	CCGT 06 02 02-UM						★	☆							★	☆		★	☆	☆	★	☆		CCGT 2(1.5)0-UM
				.246	.094	.008																								
				6.0	2.38	0.40	CCGT 06 02 04-UM						★	★	☆			☆			★	☆		★	☆	☆	★	☆		CCGT 2(1.5)1-UM
				.238	.094	.016																								
		09	3/8	9.6	3.97	0.10	CCGT 09 T3 01-UM						★	★	☆						★	☆		★	☆	☆	★	☆		CCGT 3(2.5)03-UM
				.377	.156	.004																								
				9.5	3.97	0.20	CCGT 09 T3 02-UM						★	★	☆						★	☆		★	☆	☆	★	☆		CCGT 3(2.5)0-UM
				.373	.156	.008																								
				9.3	3.97	0.40	CCGT 09 T3 04-UM						★	★	☆						★	☆		★	☆	☆	★	☆		CCGT 3(2.5)1-UM
				.365	.156	.016																								
				8.9	3.97	0.79	CCGT 09 T3 08-UM						★	★	☆			☆			★	☆		★	☆	☆	★	☆		CCGT 3(2.5)2-UM
				.349	.156	.031																								
	UM	06	1/4	6.0	2.38	0.40	CCMT 06 02 04-UM	☆		☆	★	☆	☆	★	☆												★	☆		CCMT 2(1.5)1-UM
				.238	.094	.016																								
				5.6	2.38	0.79	CCMT 06 02 08-UM			☆	★			★	☆												★	☆		CCMT 2(1.5)2-UM
				.222	.094	.031																								
		09	3/8	9.3	3.97	0.40	CCMT 09 T3 04-UM	☆		☆	★			☆	☆		★		☆			★	☆		★		★	☆	☆		CCMT 3(2.5)1-UM
				.365	.156	.016																								
				8.9	3.97	0.79	CCMT 09 T3 08-UM	☆		☆	★	☆	☆	☆	☆		★		☆				★				★	☆		CCMT 3(2.5)2-UM
				.349	.156	.031																								
		12	1/2	12.1	4.76	0.79	CCMT 12 04 08-UM			☆	★																			CCMT 432-UM
				.476	.187	.031																								
Roughing	PR	06	1/4	5.6	2.38	0.79	CCMT 06 02 08-PR			☆	☆	★																		CCMT 2(1.5)2-PR
				.222	.094	.031																								
		09	3/8	8.9	3.97	0.79	CCMT 09 T3 08-PR			☆	☆	★																		CCMT 3(2.5)2-PR
				.349	.156	.031																								
				8.5	3.97	1.19	CCMT 09 T3 12-PR			☆	☆	★																		CCMT 3(2.5)3-PR
				.334	.156	.047																								
		12	1/2	12.1	4.76	0.79	CCMT 12 04 08-PR			☆	☆	★																		CCMT 432-PR
				.476	.187	.031																								
				11.7	4.76	1.19	CCMT 12 04 12-PR			☆	☆	★																		CCMT 433-PR
				.460	.187	.047																								
	KR	06	1/4	5.6	2.38	0.79	CCMT 06 02 08-KR												☆	★	☆									CCMT 2(1.5)2-KR
				.222	.094	.031																								
		09	3/8	8.9	3.97	0.79	CCMT 09 T3 08-KR												☆	★	☆									CCMT 3(2.5)2-KR
				.349	.156	.031																								
				8.5	3.97	1.19	CCMT 09 T3 12-KR												☆	★										CCMT 3(2.5)3-KR
				.334	.156	.047																								
		12	1/2	12.1	4.76	0.79	CCMT 12 04 08-KR												☆	★	☆									CCMT 432-KR
				.476	.187	.031																								
				11.7	4.76	1.19	CCMT 12 04 12-KR												☆	★	☆									CCMT 433-KR
				.460	.187	.047																								

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CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)





		IC	LE	S	RE	ISO CODE	P					M					K			N			S					ANSI CODE
							1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	S05F	
Roughing	MR	06	1/4	5.6	2.38	0.79	CCMT 06 02 08-MR								☆		★													CCMT 2(1.5)2-MR
				.222	.094	.031																								
		09	3/8	8.9	3.97	0.79	CCMT 09 T3 08-MR								☆	☆	★	☆												CCMT 3(2.5)2-MR
				.349	.156	.031																								
				8.5	3.97	1.19	CCMT 09 T3 12-MR									★		☆												CCMT 3(2.5)3-MR
				.334	.156	.047																								
		12	1/2	12.1	4.76	0.79	CCMT 12 04 08-MR									☆	★	☆												CCMT 432-MR
				.476	.187	.031																								
				11.7	4.76	1.19	CCMT 12 04 12-MR									☆	★	☆												CCMT 433-MR
				.460	.187	.047																								
	UR	06	1/4	6.0	2.38	0.40	CCMT 06 02 04-UR			☆	★																			CCMT 2(1.5)1-UR
				.238	.094	.016																								
		09	3/8	9.3	3.97	0.40	CCMT 09 T3 04-UR			☆	☆	★																		CCMT 3(2.5)1-UR
				.365	.156	.016																								
				8.9	3.97	0.79	CCMT 09 T3 08-UR			☆	☆	★																		CCMT 3(2.5)2-UR
				.349	.156	.031																								
		12	1/2	12.1	4.76	0.79	CCMT 12 04 08-UR			☆	☆	★																		CCMT 432-UR
				.476	.187	.031																								
		16	5/8	15.3	5.56	0.79	CCMT 16 05 08-UR					★																		CCMT 542-UR
				.603	.219	.031																								

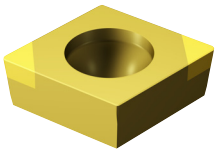
A63 A98 A334 A365 H37 H6

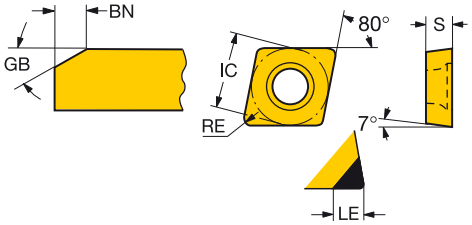
SANDVIK Coromant

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials





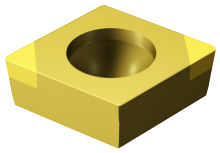
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Finishing	06	1.5	2.38	0.2	30°	0.10	CCGW060202T01030F				★	☆				CCGW2(1.5)0T0330F
		.059	.094	.008	30°	.004										
		1.8	2.38	0.4	20°	0.10	CCGW060204S01020F				☆	☆	☆	★		CCGW2(1.5)1S0320F
		.071	.094	.016	20°	.004										
		2.8	2.38	0.4	30°	0.10	CCGW060204S01030F				★	☆			☆	CCGW2(1.5)1S0330F
		.110	.094	.016	30°	.004										
		2.8	2.38	0.4	20°	0.10	CCGW060204T01020F	★							★	CCGW2(1.5)1T0320F
		.110	.094	.016	20°	.004										
		1.8	2.38	0.4	30°	0.10	CCGW060204T01030F				★					CCGW2(1.5)1T0330F
		.071	.094	.016	30°	.004										
		2.5	2.38	0.8	20°	0.10	CCGW060208S01020F						☆	★		CCGW2(1.5)2S0320F
		.098	.094	.031	20°	.004										
		2.0	2.38	0.8	30°	0.10	CCGW060208S01030F				★	☆				CCGW2(1.5)2S0330F
		.079	.094	.031	30°	.004										
		2.0	2.38	0.8	30°	0.10	CCGW060208T01030F				★					CCGW2(1.5)2T0330F
		.079	.094	.031	30°	.004										
		2.9	2.38	0.4			CCMW060204FP		☆	★						CCMW2(1.5)1FP
		.114	.094	.016												
		2.6	2.38	0.4	20°	0.15	CCGW060204S01520FWH						☆	★		CCGW2(1.5)1S0520FWH
		.102	.094	.016	20°	.006										
		1.8	2.38	0.4	30°	0.10	CCGW060204T01030FWH				★	☆				CCGW2(1.5)1T0330FWH
		.071	.094	.016	30°	.004										
		2.6	2.38	0.8	20°	0.15	CCGW060208S01520FWH						☆	★		CCGW2(1.5)2S0520FWH
		.102	.094	.031	20°	.006										
		2.0	2.38	0.8	30°	0.10	CCGW060208T01030FWH				★	☆				CCGW2(1.5)2T0330FWH
		.079	.094	.031	30°	.004										
	09	2.4	3.97	1.2	20°	0.10	CCGW060202S01020F							★		CCGW2(1.5)0S0320F
		.095	.156	.047	20°	.004										
		2.6	3.97	0.4	20°	0.10	CCGW09T304S01020F				☆	☆	☆	★		CCGW3(2.5)1S0320F
		.102	.156	.016	20°	.004										
		2.8	3.97	0.4	30°	0.15	CCGW09T304S01530F				★	☆			☆	CCGW3(2.5)1S0630F
		.110	.156	.016	30°	.006										
		2.6	3.97	0.4	30°	0.20	CCGW09T304S02030F							★		CCGW3(2.5)1S0830F
		.102	.156	.016	30°	.008										
		2.8	3.97	0.4	20°	0.10	CCGW09T304T01020F	★							★	CCGW3(2.5)1T0320F
		.110	.156	.016	20°	.004										
		2.5	3.97	0.8	20°	0.10	CCGW09T308S01020F				☆	☆	☆	★		CCGW3(2.5)2S0320F
		.098	.156	.031	20°	.004										
		3.0	3.97	0.8	30°	0.15	CCGW09T308S01530F				★	☆			☆	CCGW3(2.5)2S0630F
		.118	.156	.031	30°	.006										
		2.5	3.97	0.8	30°	0.20	CCGW09T308S02030F							★		CCGW3(2.5)2S0830F
		.098	.156	.031	30°	.008										
		3.0	3.97	0.8	20°	0.10	CCGW09T308T01020F	★							★	CCGW3(2.5)2T0320F
		.118	.156	.031	20°	.004										
		2.3	3.97	1.2	20°	0.10	CCGW09T312S01020F				☆		☆	★		CCGW3(2.5)3S0320F
		.091	.156	.047	20°	.004										
		2.3	3.97	1.2	30°	0.15	CCGW09T312S01530F					★				CCGW3(2.5)3S0630F
		.091	.156	.047	30°	.006										
		4.3	3.97	0.4			CCMW09T304FP		☆	★						CCMW3(2.5)1FP
		.169	.156	.016												
		4.2	3.97	0.8			CCMW09T308FP		☆	★						CCMW3(2.5)2FP
		.165	.156	.031												
		2.4	3.97	1.2	20°	0.15	CCGW09T304S01020FWH					★				CCGW3(2.5)1S0320FWH
		.095	.156	.047	20°	.006										
		2.6	3.97	0.4	20°	0.15	CCGW09T304S01520FWH						☆	★		CCGW3(2.5)1S0520FWH
		.102	.156	.016	20°	.006										
		1.8	3.97	0.4	30°	0.15	CCGW09T304S01530FWH					★				CCGW3(2.5)1S0630FWH
		.071	.156	.016	30°	.006										
		1.8	3.97	0.4	20°	0.10	CCGW09T304T01020FWH				★					CCGW3(2.5)1T0320FWH
		.071	.156	.016	20°	.004										

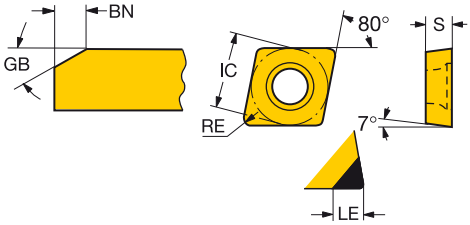
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CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials





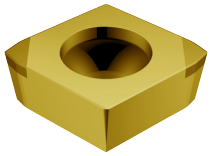
	IC	LE	S	RE	GB	BN	ISO CODE	K 7525	N CD05	N CD10	H 7015	H 7025	H 7105	H 7115	H 7525	ANSI CODE
Finishing	09	3/8	2.0	3.97	0.8	20°	0.10	CCGW09T308S01020FWH					★				CCGW3(2.5)2S0320FWH
			.079	*.156*	*.031*	*20°*	*.004*										
			2.5	3.97	0.8	20°	0.15	CCGW09T308S01520FWH						☆	★		CCGW3(2.5)2S0520FWH
			.098	*.156*	*.031*	*20°*	*.006*										
			2.0	3.97	0.8	20°	0.10	CCGW09T308T01020FWH			★						CCGW3(2.5)2T0320FWH
			.079	*.156*	*.031*	*20°*	*.004*										
			2.3	3.97	1.2	20°	0.10	CCGW09T312S01020FWH			★						CCGW3(2.5)3S0320FWH
			.091	*.156*	*.047*	*20°*	*.004*										
			2.4	3.97	1.2	20°	0.15	CCGW09T312S01520FWH						☆	★		CCGW3(2.5)3S0320FWH
			.095	*.156*	*.047*	*20°*	*.006*										

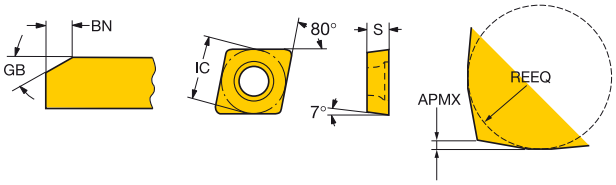
A63 A98 A334 A365 H37 H28 H6 H3

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials - Xcel geometry



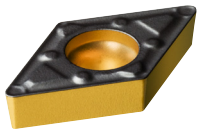


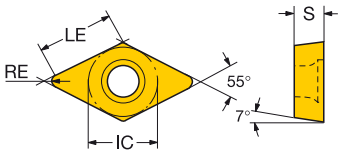
										H			
			IC	S	REEQ	APMX	GB	BN	ISO CODE	7015	7025	7105	7115
Finishing	XA	09	3/8	3.97	1.9	0.2	15°	0.15	CCGX09T3L020-15FXA	☆	☆	☆	★
				.156	*.075*	*.008*	*15°*	*.006*					

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CoroTurn® 107 insert for turning

D-style insert (Rhombic 55°)

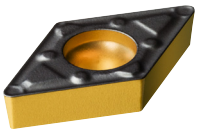


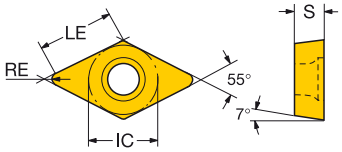


									P						M						K			N			S					
									1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	S05F	

CoroTurn® 107 insert for turning

D-style insert (Rhombic 55°)



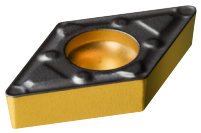


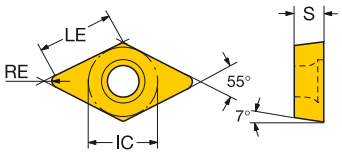
		IC	LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	N 1125	N H10	N H13A	S 1105	S 1115	S 1125	S H13A	S S05F	ANSI CODE
Medium	WM	3/8	11.2	3.97	0.40	DCMX 11 T3 04-WM	☆		☆	★			☆		★				★	☆						★				DCMX 3(2.5)1-WM
			.442	.156	.016																									
			10.8	3.97	0.79	DCMX 11 T3 08-WM	☆	☆	☆	★	☆		☆		★				★	☆						★				DCMX 3(2.5)2-WM
			.426	.156	.031																									
	PM	07	1/4	7.4	2.38	0.40	DCMT 07 02 04-PM	☆		☆	★	☆	☆																		DCMT 2(1.5)1-PM
			.289	.094	.016																									
			7.0	2.38	0.79	DCMT 07 02 08-PM	☆		☆	★	☆	☆																		DCMT 2(1.5)2-PM
			.274	.094	.031																									
		11	3/8	11.2	3.97	0.40	DCMT 11 T3 04-PM	☆	☆	☆	★	☆	☆																		DCMT 3(2.5)1-PM
			.442	.156	.016																									
			10.8	3.97	0.79	DCMT 11 T3 08-PM	☆	☆	☆	★	☆	☆																		DCMT 3(2.5)2-PM
			.426	.156	.031																									
			10.4	3.97	1.19	DCMT 11 T3 12-PM	☆		☆	★	☆	☆																		DCMT 3(2.5)3-PM
			.411	.156	.047																									
	MM	07	1/4	7.4	2.38	0.40	DCMT 07 02 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆			DCMT 2(1.5)1-MM
			.289	.094	.016																									
			7.0	2.38	0.79	DCMT 07 02 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆			DCMT 2(1.5)2-MM
			.274	.094	.031																									
		11	3/8	11.2	3.97	0.40	DCMT 11 T3 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆			DCMT 3(2.5)1-MM
			.442	.156	.016																									
			10.8	3.97	0.79	DCMT 11 T3 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆			DCMT 3(2.5)2-MM
			.426	.156	.031																									
			10.4	3.97	1.19	DCMT 11 T3 12-MM							☆	☆		★	☆	☆								★	☆			DCMT 3(2.5)3-MM
			.411	.156	.047																									
	KM	07	1/4	7.4	2.38	0.40	DCMT 07 02 04-KM													★	☆	☆									DCMT 2(1.5)1-KM
			.289	.094	.016																									
			7.0	2.38	0.79	DCMT 07 02 08-KM													★	☆	☆									DCMT 2(1.5)2-KM
			.274	.094	.031																									
		11	3/8	11.2	3.97	0.40	DCMT 11 T3 04-KM													★	☆	☆									DCMT 3(2.5)1-KM
			.442	.156	.016																									
			10.8	3.97	0.79	DCMT 11 T3 08-KM													★	☆	☆									DCMT 3(2.5)2-KM
			.426	.156	.031																									
			10.4	3.97	1.19	DCMT 11 T3 12-KM													★	☆										DCMT 3(2.5)3-KM
			.411	.156	.047																									
	UM	07	1/4	7.7	2.38	0.10	DCGT 07 02 01-UM						★	☆							★	☆		★	☆	☆	★	☆		DCGT 2(1.5)03-UM
			.301	.094	.004																									
			7.6	2.38	0.20	DCGT 07 02 02-UM						★	☆							★	☆		★	☆	☆	★	☆		DCGT 2(1.5)0-UM
			.297	.094	.008																									
			7.4	2.38	0.40	DCGT 07 02 04-UM						★	★	☆			☆			★	☆		★	☆	☆	★	☆		DCGT 2(1.5)1-UM
			.289	.094	.016																									
			7.0	2.38	0.79	DCGT 07 02 08-UM								★						★	☆		★	☆			★	☆		DCGT 2(1.5)2-UM
			.274	.094	.031																									
		11	3/8	11.5	3.97	0.10	DCGT 11 T3 01-UM						★	★	☆						★	☆		★	☆	☆	★	☆		DCGT 3(2.5)03-UM
			.454	.156	.004																									
			11.4	3.97	0.20	DCGT 11 T3 02-UM						★	★	☆			☆			★	☆		★	☆	☆	★	☆		DCGT 3(2.5)0-UM
			.450	.156	.008																									
			11.2	3.97	0.40	DCGT 11 T3 04-UM						★	★	☆			☆			★	☆		★	☆	☆	★	☆	☆	DCGT 3(2.5)1-UM
			.442	.156	.016																									
			10.8	3.97	0.79	DCGT 11 T3 08-UM						★	★	☆						★	☆		★	☆	☆	★	☆	☆	DCGT 3(2.5)2-UM
			.426	.156	.031																									
		07	1/4	7.7	2.38	0.05	DCET 07 02 00-UM							★	☆								★			☆	☆	★			DCET 2(1.5)00-UM
			.303	.094	.002																									
			7.7	2.38	0.10	DCET 07 02 01-UM							★	☆								★			☆	☆	★			DCET 2(1.5)03-UM
			.301	.094	.004																									
		11	3/8	11.5	3.97	0.10	DCET 11 T3 01-UM							★	☆								★			☆	☆	★			DCET 3(2.5)03-UM
			.454	.156	.004																									
			11.4	3.97	0.20	DCET 11 T3 02-UM							★	☆								★			☆	☆	★			DCET 3(2.5)0-UM
			.450	.156	.008																									
			11.2	3.97	0.40	DCET 11 T3 04-UM							★	☆								★			☆	☆	★			DCET 3(2.5)1-UM
			.442	.156	.016																									

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CoroTurn® 107 insert for turning

D-style insert (Rhombic 55°)





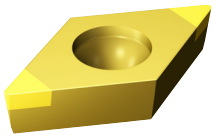
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Medium	AL	07	1/4	7.6	2.38	0.20	DCGX 07 02 02-AL																★							DCGX 2(1.5)0-AL
				.297	.094	.008																								
				7.4	2.38	0.40	DCGX 07 02 04-AL																★							DCGX 2(1.5)1-AL
				.289	.094	.016																								
		11	3/8	11.4	3.97	0.20	DCGX 11 T3 02-AL																★							DCGX 3(2.5)0-AL
				.450	.156	.008																								
				11.2	3.97	0.40	DCGX 11 T3 04-AL																★							DCGX 3(2.5)1-AL
				.442	.156	.016																								
				10.8	3.97	0.79	DCGX 11 T3 08-AL																★							DCGX 3(2.5)2-AL
				.426	.156	.031																								
	UM	07	1/4	7.4	2.38	0.40	DCMT 07 02 04-UM	☆		☆	★		★	☆												★	☆			DCMT 2(1.5)1-UM
				.289	.094	.016																								
				7.0	2.38	0.79	DCMT 07 02 08-UM			☆	★		★	☆												★	☆			DCMT 2(1.5)2-UM
				.274	.094	.031																								
		11	3/8	11.2	3.97	0.40	DCMT 11 T3 04-UM	☆		☆	★	☆	☆	☆	☆		★		☆								★	☆			DCMT 3(2.5)1-UM
				.442	.156	.016																								
				10.8	3.97	0.79	DCMT 11 T3 08-UM	☆		☆	★	☆	☆	☆	☆		★		☆								★	☆			DCMT 3(2.5)2-UM
				.426	.156	.031																								
Roughing	PR	11	3/8	10.8	3.97	0.79	DCMT 11 T3 08-PR		☆	☆	☆	★																		DCMT 3(2.5)2-PR
				.426	.156	.031																								
				10.4	3.97	1.19	DCMT 11 T3 12-PR		☆	☆	☆	★																		DCMT 3(2.5)3-PR
				.411	.156	.047																								
	KR	11	3/8	10.8	3.97	0.79	DCMT 11 T3 08-KR												☆	★	☆									DCMT 3(2.5)2-KR
				.426	.156	.031																								
				10.4	3.97	1.19	DCMT 11 T3 12-KR												☆	★										DCMT 3(2.5)3-KR
				.411	.156	.047																								
	MR	11	3/8	10.8	3.97	0.79	DCMT 11 T3 08-MR								☆	☆	★	☆												DCMT 3(2.5)2-MR
				.426	.156	.031																								
				10.4	3.97	1.19	DCMT 11 T3 12-MR									☆	★	☆												DCMT 3(2.5)3-MR
				.411	.156	.047																								
	UR	11	3/8	11.2	3.97	0.40	DCMT 11 T3 04-UR			☆	★																			DCMT 3(2.5)1-UR
				.442	.156	.016																								
				10.8	3.97	0.79	DCMT 11 T3 08-UR			☆	☆	★				★														DCMT 3(2.5)2-UR
				.426	.156	.031																								
				10.4	3.97	1.19	DCMT 11 T3 12-UR			☆	☆	★																		DCMT 3(2.5)3-UR
				.411	.156	.047																								

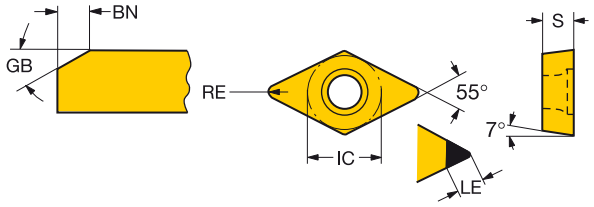
SANDVIK Coromant

CoroTurn® 107 insert for turning

D-style insert (Rhombic 55°)

Advanced cutting materials



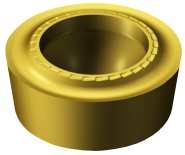


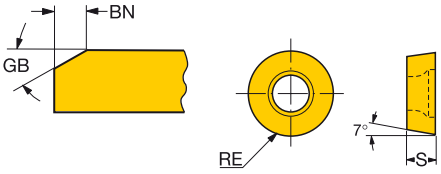
		IC	LE	S	RE	GB	BN	ISO CODE	K	N		H					ANSI CODE
									7525	CD05	CD10	7015	7025	7105	7115	7525	
Finishing	07	1/4	2.5	2.38	0.2	20°	0.10	DCGW070202S01020F							★		DCGW2(1.5)0S0320F
			.098	*.094*	*.008*	*20°*	*.004*										
			1.5	2.38	0.2	30°	0.10	DCGW070202T01030F				★	☆				DCGW2(1.5)0T0330F
			.059	*.094*	*.008*	*30°*	*.004*										
			1.8	2.38	0.4	20°	0.10	DCGW070204S01020F					☆	☆	★		DCGW2(1.5)1S0320F
			.071	*.094*	*.016*	*20°*	*.004*										
			2.9	2.38	0.4	30°	0.10	DCGW070204S01030F				★	☆			☆	DCGW2(1.5)1S0330F
			.114	*.094*	*.016*	*30°*	*.004*										
			2.8	2.38	0.4	20°	0.10	DCGW070204T01020F	★							★	DCGW2(1.5)1T0320F
			.110	*.094*	*.016*	*20°*	*.004*										
			2.1	2.38	0.8	30°	0.10	DCGW070208S01030F				★	☆				DCGW2(1.5)2S0330F
			.083	*.094*	*.031*	*30°*	*.004*										
	11	3/8	2.8	3.97	0.2	20°	0.10	DCGW11T302T01020F	★							★	DCGW3(2.5)0T0320F
			.110	*.156*	*.008*	*20°*	*.004*										
			2.9	3.97	0.4	20°	0.10	DCGW11T304S01020F				☆	☆	☆	★		DCGW3(2.5)1S0320F
			.113	*.156*	*.016*	*20°*	*.004*										
			2.9	3.97	0.4	30°	0.15	DCGW11T304S01530F				★	☆			☆	DCGW3(2.5)1S0630F
			.114	*.156*	*.016*	*30°*	*.006*										
			2.9	3.97	0.4	30°	0.20	DCGW11T304S02030F							★		DCGW3(2.5)1S0830F
			.113	*.156*	*.016*	*30°*	*.008*										
			2.9	3.97	0.4	20°	0.10	DCGW11T304T01020F	★			★				☆	DCGW3(2.5)1T0320F
			.114	*.156*	*.016*	*20°*	*.004*										
			2.5	3.97	0.8	20°	0.10	DCGW11T308S01020F				☆	☆	☆	★		DCGW3(2.5)2S0320F
			.098	*.156*	*.031*	*20°*	*.004*										
			3.1	3.97	0.8	30°	0.15	DCGW11T308S01530F				★	☆			☆	DCGW3(2.5)2S0630F
			.122	*.156*	*.031*	*30°*	*.006*										
			2.5	3.97	0.8	30°	0.20	DCGW11T308S02030F							★		DCGW3(2.5)2S0830F
			.098	*.156*	*.031*	*30°*	*.008*										
			3.1	3.97	0.8	20°	0.10	DCGW11T308T01020F	★			★				☆	DCGW3(2.5)2T0320F
			.122	*.156*	*.031*	*20°*	*.004*										
			2.4	3.97	1.2	20°	0.10	DCGW11T312S01020F				☆	☆		★		DCGW3(2.5)3S0320F
			.094	*.156*	*.047*	*20°*	*.004*										
			2.4	3.97	1.2	30°	0.15	DCGW11T312S01530F				★					DCGW3(2.5)3S0630F
			.094	*.156*	*.047*	*30°*	*.006*										
			4.1	3.97	0.4			DCMW11T304FP		☆	★						DCMW3(2.5)1FP
			.161	*.156*	*.016*												
			3.8	3.97	0.8			DCMW11T308FP		☆	★						DCMW3(2.5)2FP
			.150	*.156*	*.031*												
			1.8	3.97	0.4	20°	0.10	DCGW11T304S01020FWH				★	☆				DCGW3(2.5)1S0320FWH
			.071	*.156*	*.016*	*20°*	*.004*										
			2.9	3.97	0.4	20°	0.15	DCGW11T304S01520FWH						☆	★		DCGW3(2.5)1S0520FWH
			.113	*.156*	*.016*	*20°*	*.006*										
			2.1	3.97	0.8	20°	0.10	DCGW11T308S01020FWH				★	☆			☆	DCGW3(2.5)2S0320FWH
			.083	*.156*	*.031*	*20°*	*.004*										
			2.5	3.97	0.8	20°	0.15	DCGW11T308S01520FWH						☆	★		DCGW3(2.5)2S0520FWH
			.098	*.156*	*.031*	*20°*	*.006*										

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CoroTurn® 107 insert for turning

R-style insert (Round)





Metric version

			S	RE	GB	BN	ISO CODE	P					M			K			N			S				
								4305	4315	4325	4335	5015	1115	1125	2025	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	S05F
Medium	M0	05	2.38	2.50	0°	0.10	RCMT 05 02 M0			★		☆	☆	☆	★			★	☆		★	★	☆	☆	☆	
		06	2.38	3.00	0°	0.10	RCMT 06 02 M0		☆	★	☆	☆		☆	★			★	☆		★	★		☆	☆	☆
		08	3.18	4.00	0°	0.10	RCMT 08 03 M0		☆	★	☆	☆			★	★	☆	☆			★				★	
		10	3.97	5.00	15°	0.10	RCMT 10 T3 M0	☆	☆	★	☆				★	★	☆	☆			★				★	
		12	4.76	6.00	15°	0.12	RCMT 12 04 M0	☆	☆	★	☆				★	★	☆	☆			★				★	
		16	6.35	8.00	15°	0.15	RCMT 16 06 M0	☆	☆	★	☆				★	★	☆	☆			★				★	
		20	6.35	10.00	15°	0.15	RCMT 20 06 M0			★	☆				★	★	☆	☆			★				★	
	SM	08	3.18	4.00			RCMT 08 03 M0-SM						★	☆								★	☆	☆	☆	☆
		10	3.97	5.00	15°	0.10	RCMT 10 T3 M0-SM						★	☆								★	☆	☆	☆	☆
		12	4.76	6.00	15°	0.10	RCMT 12 04 M0-SM						★	☆								★	☆	☆	☆	☆
		16	6.35	8.00	15°	0.10	RCMT 16 06 M0-SM						★	☆								★	☆	☆	☆	☆
	AL	06	2.38	3.00			RCGX 06 02 M0-AL													★						
		08	3.18	4.00			RCGX 08 03 M0-AL													★						
		10	3.97	5.00			RCGX 10 T3 M0-AL													★						
		12	4.76	6.00			RCGX 12 04 M0-AL													★						

Inch version

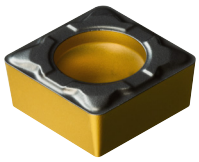
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								4315	4325	4335	1115	1125	2025	3210	3225	H13A	H13A	1105	1115	1125	H13A	S05F	
Medium	SM	1/4	.125	.125			RCMT 06 03 00-SM				★	☆							★	☆	☆	☆	RCMT 22-SM
		3/8	.156	.187	15°	.004	RCMT 09 T3 00-SM				★	☆							★	☆	☆	☆	RCMT 3(2.5)-SM
		1/2	.187	.250	15°	.004	RCMT 12 04 00-SM				★	☆						★	☆	☆	☆	☆	RCMT 43-SM
	00	1/4	.125	.125	0°	.004	RCMT 06 03 00	☆	★							★					★		RCMT 22
		3/8	.156	.187	15°	.003	RCMT 09 T3 00	☆	★	☆						★					★		RCMT 3(2.5)
		1/2	.187	.250	15°	.005	RCMT 12 04 00	☆	★	☆				★	☆	☆					★		RCMT 43
		3/4	.250	.375	15°	.006	RCMT 19 06 00		★														RCMT 64
	M0	3/8	.156	.187	15°	.004	RCMT 09 T3 00-M0		★	☆			★			★	★				★		RCMT 3(2.5)M0
		1/2	.187	.250	15°	.005	RCMT 12 04 00-M0	☆	★	☆						★	★				★		RCMT 43 M0
		3/4	.250	.375	15°	.006	RCMT 19 06 00-M0									★	★				★		RCMT 64 M0

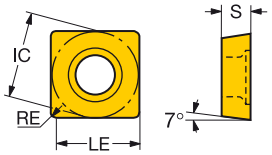
A63 A98 A334 A98 H37 H6

SANDVIK Coromant

CoroTurn® 107 insert for turning

S-style insert (Square)



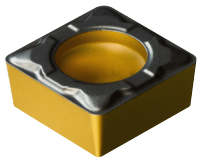


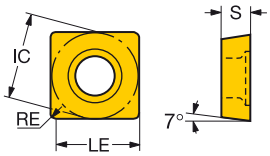
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Finishing	PF	09	9.1	3.97	0.40	SCMT 09 T3 04-PF			★	☆		☆															SCMT 3(2.5)1-PF
		3/8	.359	.156	.016																						
			8.7	3.97	0.79	SCMT 09 T3 08-PF			★	☆		☆															SCMT 3(2.5)2-PF
			.344	.156	.031																						
	MF	09	9.1	3.97	0.40	SCMT 09 T3 04-MF							☆	☆		★		☆							★	☆	SCMT 3(2.5)1-MF
		3/8	.359	.156	.016																						
			8.7	3.97	0.79	SCMT 09 T3 08-MF							☆	☆		★		☆							★	☆	SCMT 3(2.5)2-MF
			.344	.156	.031																						
	UF	09	8.7	3.97	0.79	SCMT 09 T3 08-UF			★	☆																	SCMT 3(2.5)2-UF
		3/8	.344	.156	.031																						
Medium	PM	09	9.1	3.97	0.40	SCMT 09 T3 04-PM	☆		☆	★	☆	☆															SCMT 3(2.5)1-PM
		3/8	.359	.156	.016																						
			8.7	3.97	0.79	SCMT 09 T3 08-PM	☆		☆	★	☆	☆															SCMT 3(2.5)2-PM
			.344	.156	.031																						
		12	12.3	4.76	0.40	SCMT 12 04 04-PM	☆		☆	★	☆																SCMT 431-PM
		1/2	.484	.187	.016																						
			11.9	4.76	0.79	SCMT 12 04 08-PM	☆		☆	★	☆	☆															SCMT 432-PM
			.469	.187	.031																						
			11.5	4.76	1.19	SCMT 12 04 12-PM			☆	★	☆																SCMT 433-PM
			.453	.187	.047																						
	MM	09	9.1	3.97	0.40	SCMT 09 T3 04-MM							☆	☆	☆	★	☆	☆						★	☆	☆	SCMT 3(2.5)1-MM
		3/8	.359	.156	.016																						
			8.7	3.97	0.79	SCMT 09 T3 08-MM							☆	☆	☆	★	☆	☆						★	☆	☆	SCMT 3(2.5)2-MM
			.344	.156	.031																						
		12	12.3	4.76	0.40	SCMT 12 04 04-MM							☆	☆		★	☆	☆							★	☆	SCMT 431-MM
		1/2	.484	.187	.016																						
			11.9	4.76	0.79	SCMT 12 04 08-MM							☆	☆	☆	★	☆	☆							★	☆	SCMT 432-MM
			.469	.187	.031																						
			11.5	4.76	1.19	SCMT 12 04 12-MM								☆		★	☆	☆									★	SCMT 433-MM
			.453	.187	.047																						
	KM	09	9.1	3.97	0.40	SCMT 09 T3 04-KM														★	☆		☆				SCMT 3(2.5)1-KM
		3/8	.359	.156	.016																						
			8.7	3.97	0.79	SCMT 09 T3 08-KM													★	☆	☆						SCMT 3(2.5)2-KM
			.344	.156	.031																						
		12	11.9	4.76	0.79	SCMT 12 04 08-KM													★	☆	☆						SCMT 432-KM
		1/2	.469	.187	.031																						
	AL	09	8.7	3.97	0.79	SCGX 09 T3 08-AL																★					SCGX 3(2.5)2-AL
		3/8	.344	.156	.031																						
	UM	09	8.7	3.97	0.79	SCMT 09 T3 08-UM			☆	★	☆		☆	☆		★		☆							★	☆	SCMT 3(2.5)2-UM
		3/8	.344	.156	.031																						
		12	11.9	4.76	0.79	SCMT 12 04 08-UM			☆	★	☆					★		☆									SCMT 432-UM
		1/2	.469	.187	.031																						
			11.5	4.76	1.19	SCMT 12 04 12-UM			☆	★																	SCMT 433-UM
			.453	.187	.047																						

A63 A98 A334 A365 H37 H6

CoroTurn® 107 insert for turning

S-style insert (Square)





									P						M						K			N		S			
									1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	H10	H13A	1105	1115	1125	
			IC	LE	S	RE	ISO CODE																						ANSI CODE
Roughing	PR	09	3/8	8.7	3.97	0.79	SCMT 09 T3 08-PR				☆	☆	★																SCMT 3(2.5)2-PR
				.344	.156	.031																							
				8.3	3.97	1.19	SCMT 09 T3 12-PR				☆	☆	★																SCMT 3(2.5)3-PR
				.328	.156	.047																							
		12	1/2	11.9	4.76	0.79	SCMT 12 04 08-PR			☆	☆	☆	★																SCMT 432-PR
				.469	.187	.031																							
				11.5	4.76	1.19	SCMT 12 04 12-PR				☆	☆	★																SCMT 433-PR
				.453	.187	.047																							
	KR	09	3/8	8.7	3.97	0.79	SCMT 09 T3 08-KR														☆	★	☆						SCMT 3(2.5)2-KR
				.344	.156	.031																							
				8.3	3.97	1.19	SCMT 09 T3 12-KR														☆	★							SCMT 3(2.5)3-KR
				.328	.156	.047																							
		12	1/2	11.9	4.76	0.79	SCMT 12 04 08-KR														☆	★	☆						SCMT 432-KR
				.469	.187	.031																							
				11.5	4.76	1.19	SCMT 12 04 12-KR														☆	★	☆						SCMT 433-KR
				.453	.187	.047																							
	MR	09	3/8	8.7	3.97	0.79	SCMT 09 T3 08-MR												☆	★	☆								SCMT 3(2.5)2-MR
				.344	.156	.031																							
				8.3	3.97	1.19	SCMT 09 T3 12-MR													★									SCMT 3(2.5)3-MR
				.328	.156	.047																							
		12	1/2	11.9	4.76	0.79	SCMT 12 04 08-MR												☆	★	☆								SCMT 432-MR
				.469	.187	.031																							
				11.5	4.76	1.19	SCMT 12 04 12-MR												☆	★	☆								SCMT 433-MR
				.453	.187	.047																							
	UR	09	3/8	8.7	3.97	0.79	SCMT 09 T3 08-UR				☆	☆	★																SCMT 3(2.5)2-UR
				.344	.156	.031																							
		12	1/2	12.3	4.76	0.40	SCMT 12 04 04-UR					★																	SCMT 431-UR
				.484	.187	.016																							
				11.9	4.76	0.79	SCMT 12 04 08-UR				☆	☆	★																SCMT 432-UR
				.469	.187	.031																							

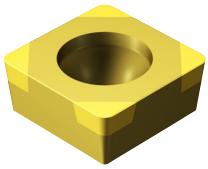
A63 A98 A334 A365 H37 H6

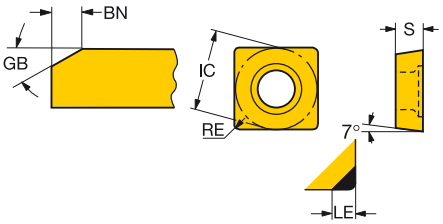
SANDVIK Coromant

CoroTurn® 107 insert for turning

S-style insert (Square)

Advanced cutting materials





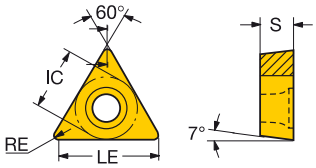
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Finishing	09	3/8	1.8	3.97	0.4	30°	0.10	SCGW09T304S01030F	★	☆		SCGW3(2.5)1S0330F
			.071	*.156*	*.016*	*30°*	*.004*					
			2.8	3.97	0.4	20°	0.10	SCGW09T304T01020F			★	SCGW3(2.5)1T0320F
			.110	*.156*	*.016*	*20°*	*.004*					
			2.1	3.97	0.8	30°	0.10	SCGW09T308S01030F	★	☆		SCGW3(2.5)2S0330F
			.083	*.156*	*.031*	*30°*	*.004*					
			3.1	3.97	0.8	30°	0.15	SCGW09T308S01530F			★	SCGW3(2.5)2S0630F
			.122	*.156*	*.031*	*30°*	*.006*					
			3.1	3.97	0.8	20°	0.10	SCGW09T308T01020F			★	SCGW3(2.5)2T0320F
			.122	*.156*	*.031*	*20°*	*.004*					

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CoroTurn® 107 insert for turning

T-style insert (Triangular)





		IC	LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	N 1125	N H10	N H13A	S 1105	S 1115	S 1125	S H13A	ANSI CODE
Finishing	WF	7/32	9.2	2.38	0.20	TCMX 09 02 02-WF						★		★													★		TCMX 1.8(1.5)0-WF
			.361	.094	.008																								
			9.0	2.38	0.40	TCMX 09 02 04-WF	☆		★	☆		☆	☆		★				★	☆						★			TCMX 1.8(1.5)1-WF
			.353	.094	.016																								
			8.6	2.38	0.79	TCMX 09 02 08-WF							★						★	☆						★			TCMX 1.8(1.5)2-WF
			.337	.094	.031																								
		1/4	10.5	3.18	0.20	TCMX 11 03 02-WF						★		★													★		TCMX 220-WF
			.415	.125	.008																								
			10.3	3.18	0.40	TCMX 11 03 04-WF	☆		★	☆		☆	☆	☆	★				★	☆						★	☆		TCMX 221-WF
			.407	.125	.016																								
			9.9	3.18	0.79	TCMX 11 03 08-WF	☆		★	☆		☆	☆	☆	★												★	☆		TCMX 222-WF
			.391	.125	.031																								
		3/8	16.1	3.97	0.40	TCMX 16 T3 04-WF						★	★						★	☆						★			TCMX 3(2.5)1-WF
			.634	.156	.016																								
			15.7	3.97	0.79	TCMX 16 T3 08-WF	☆		★	☆		☆	☆		★				★	☆						★			TCMX 3(2.5)2-WF
			.618	.156	.031																								
	PF	5/32	6.4	1.98	0.20	TCMT 06 T1 02-PF				☆		★																		TCMT 1.2(1.2)0-PF
			.253	.078	.008																								
			6.2	1.98	0.40	TCMT 06 T1 04-PF			★	☆		☆																		TCMT 1.2(1.2)1-PF
			.245	.078	.016																								
			5.8	1.98	0.79	TCMT 06 T1 08-PF			★	☆		☆																		TCMT 1.2(1.2)2-PF
			.229	.078	.031																								
		7/32	9.2	2.38	0.20	TCMT 09 02 02-PF				☆		★																		TCMT 1.8(1.5)0-PF
			.361	.094	.008																								
			9.0	2.38	0.40	TCMT 09 02 04-PF			★	☆		☆																		TCMT 1.8(1.5)1-PF
			.353	.094	.016																								
		1/4	10.5	3.18	0.20	TCMT 11 03 02-PF				☆		★																		TCMT 220-PF
			.415	.125	.008																								
			10.3	3.18	0.40	TCMT 11 03 04-PF			★	☆		☆																		TCMT 221-PF
			.407	.125	.016																								
			9.9	3.18	0.79	TCMT 11 03 08-PF			★	☆		☆																		TCMT 222-PF
			.391	.125	.031																								
		3/8	16.1	3.97	0.40	TCMT 16 T3 04-PF			★	☆		☆																		TCMT 3(2.5)1-PF
			.634	.156	.016																								
	KF	5/32	6.4	1.98	0.20	TCMT 06 T1 02-KF													★	☆	☆									TCMT 1.2(1.2)0-KF
			.253	.078	.008																								
			6.2	1.98	0.40	TCMT 06 T1 04-KF													★	☆	☆									TCMT 1.2(1.2)1-KF
			.245	.078	.016																								
			5.8	1.98	0.79	TCMT 06 T1 08-KF													★	☆	☆									TCMT 1.2(1.2)2-KF
			.229	.078	.031																								
		7/32	9.2	2.38	0.20	TCMT 09 02 02-KF													★	☆	☆									TCMT 1.8(1.5)0-KF
			.361	.094	.008																								
			9.0	2.38	0.40	TCMT 09 02 04-KF													★	☆	☆									TCMT 1.8(1.5)1-KF
			.353	.094	.016																								
		1/4	10.5	3.18	0.20	TCMT 11 03 02-KF													★	☆	☆									TCMT 220-KF
			.415	.125	.008																								
			10.3	3.18	0.40	TCMT 11 03 04-KF													★	☆	☆									TCMT 221-KF
			.407	.125	.016																								
			9.9	3.18	0.79	TCMT 11 03 08-KF													★	☆										TCMT 222-KF
			.391	.125	.031																								
		3/8	16.1	3.97	0.40	TCMT 16 T3 04-KF															★									TCMT 3(2.5)1-KF
			.634	.156	.016																								

R = Right hand, L = Left hand

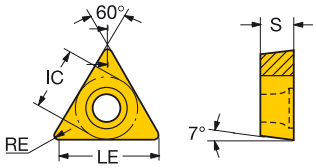
A63 A98 A334 A365 H37 H6

SANDVIK Coromant

CoroTurn® 107 insert for turning

T-style insert (Triangular)





		IC	LE	S	RE	ISO CODE	P					M					K			N			S				ANSI CODE
							1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	
Finishing	MF	06	5/32	6.4	1.98	0.20	TCMT 06 T1 02-MF						★	☆											★	☆	☆		TCMT 1.2(1.2)0-MF
				.253	.078	.008																							
				6.2	1.98	0.40	TCMT 06 T1 04-MF						☆	☆	★										★	☆	☆		TCMT 1.2(1.2)1-MF
				.245	.078	.016																							
				5.8	1.98	0.79	TCMT 06 T1 08-MF						☆	☆	★										★	☆	☆		TCMT 1.2(1.2)2-MF
				.229	.078	.031																							
		09	7/32	9.2	2.38	0.20	TCMT 09 02 02-MF						★	☆											★	☆	☆		TCMT 1.8(1.5)0-MF
				.361	.094	.008																							
				9.0	2.38	0.40	TCMT 09 02 04-MF						☆	☆	★	☆		☆							★	☆	☆		TCMT 1.8(1.5)1-MF
				.353	.094	.016																							
		11	1/4	10.5	3.18	0.20	TCMT 11 03 02-MF						★	☆											★	☆	☆		TCMT 220-MF
				.415	.125	.008																							
				10.3	3.18	0.40	TCMT 11 03 04-MF						☆	☆	★	☆									★	☆	☆		TCMT 221-MF
				.407	.125	.016																							
				9.9	3.18	0.79	TCMT 11 03 08-MF						☆	☆	★											★	☆		TCMT 222-MF
				.391	.125	.031																							
		16	3/8	16.1	3.97	0.40	TCMT 16 T3 04-MF						☆	☆	★	☆		☆								★	☆		TCMT 3(2.5)1-MF
				.634	.156	.016																							
	F	05	1/8	5.6	1.40	0.02	TCEX 05 01 00R/L-F							★								★			★		☆		TCEX 1(1)00L-F
				.219	.055	.001																							
				5.5	1.40	0.10	TCEX 05 01 01R/L-F							★								★			★		☆		TCEX 1(1)03L-F
				.215	.055	.004																							
		06	5/32	6.6	1.98	0.02	TCEX 06 T1 00R/L-F							★								★			★		☆		TCEX 1.2(1.2)00L-F
				.261	.078	.001																							
				6.5	1.98	0.10	TCEX 06 T1 01R/L-F							★								★			★		☆		TCEX 1.2(1.2)03L-F
				.257	.078	.004																							
				6.4	1.98	0.20	TCEX 06 T1 02L-F							★								★			★		☆		TCEX 1.2(1.2)0L-F
				.253	.078	.008																							
		09	7/32	9.4	2.38	0.02	TCEX 09 02 00R/L-F					★		★								★			★		☆		TCEX 1.8(1.5)00L-F
				.369	.094	.001																							
				9.3	2.38	0.10	TCEX 09 02 01R/L-F					★		★								★			★		☆		TCEX 1.8(1.5)03L-F
				.365	.094	.004																							
				9.2	2.38	0.20	TCEX 09 02 02L-F					★		★								★			★		☆		TCEX 1.8(1.5)0L-F
				.361	.094	.008																							
		11	1/4	10.7	3.18	0.02	TCEX 11 03 00R/L-F					★		★								★			★		☆		TCEX 22(00)L-F
				.423	.125	.001																							
				10.6	3.18	0.10	TCEX 11 03 01R/L-F					★		★								★			★		☆		TCEX 22(03)L-F
				.419	.125	.004																							
				10.5	3.18	0.20	TCEX 11 03 02L-F					★		★								★			★		☆		TCEX 220L-F
				.415	.125	.008																							

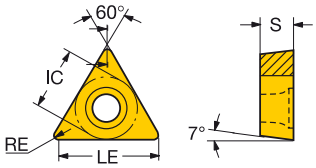
R = Right hand, L = Left hand

A63 A98 A334 A365 H37 H6

CoroTurn® 107 insert for turning

T-style insert (Triangular)





								P						M						K			N			S				
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	
			IC	LE	S	RE	ISO CODE																							ANSI CODE
Finishing	K	06	5/32	6.4	1.98	0.20	TCGT 06 T1 02R/L-K							★	☆												★	☆		TCGT 1.2(1.2)0L-K
				.253	.078	.008																								
				6.2	1.98	0.40	TCGT 06 T1 04R/L-K							★	☆												★	☆		TCGT 1.2(1.2)1L-K
				.245	.078	.016																								
		09	7/32	9.2	2.38	0.20	TCGT 09 02 02L-K	★					☆																	TCGT 1.8(1.5)0L-K
				.361	.094	.008																								
				9.2	2.38	0.20	TCGT 09 02 02R/L-K							★	☆												★	☆		TCGT 1.8(1.5)0L-K
				.361	.094	.008																								
				9.0	2.38	0.40	TCGT 09 02 04L-K	★					☆																	TCGT 1.8(1.5)1L-K
				.353	.094	.016																								
				9.0	2.38	0.40	TCGT 09 02 04R/L-K							★	☆												★	☆		TCGT 1.8(1.5)1L-K
				.353	.094	.016																								
		11	1/4	10.5	2.38	0.20	TCGT 11 02 02L-K	★					☆																	TCGT 2(1.5)0L-K
				.415	.094	.008																								
				10.5	2.38	0.20	TCGT 11 02 02R/L-K								★													★		TCGT 2(1.5)0L-K
				.415	.094	.008																								
				10.3	2.38	0.40	TCGT 11 02 04L-K	★					☆																	TCGT 2(1.5)1L-K
				.407	.094	.016																								
				10.3	2.38	0.40	TCGT 11 02 04R/L-K								★													★		TCGT 2(1.5)1L-K
				.407	.094	.016																								
				10.5	3.18	0.20	TCGT 11 03 02R/L-K							★	☆												★	☆		TCGT 220L-K
				.415	.125	.008																								
				10.3	3.18	0.40	TCGT 11 03 04R/L-K							★	☆												★	☆		TCGT 221L-K
				.407	.125	.016																								
	WK	06	5/32	6.2	1.98	0.40	TCGX 06 T1 04R/L-WK							★	☆												★	☆		TCGX 1.2(1.2)1L-WK
				.245	.078	.016																								
		09	7/32	9.0	2.38	0.40	TCGX 09 02 04R/L-WK						★	★	☆												★	☆		TCGX 1.8(1.5)1L-WK
				.353	.094	.016																								
		11	1/4	10.3	2.38	0.40	TCGX 11 02 04R/L-WK						★		★													★		TCGX 2(1.5)1L-WK
				.407	.094	.016																								
				10.3	3.18	0.40	TCGX 11 03 04R/L-WK						★	★	☆												★	☆		TCGX 221L-WK
				.407	.125	.016																								
	UF	06	5/32	6.4	1.98	0.20	TCMT 06 T1 02-UF						★																	TCMT 1.2(1.2)0-UF
				.253	.078	.008																								
				6.2	1.98	0.40	TCMT 06 T1 04-UF			★	☆		☆																	TCMT 1.2(1.2)1-UF
				.245	.078	.016																								
		09	7/32	9.0	2.38	0.40	TCMT 09 02 04-UF			★	☆		☆																	TCMT 1.8(1.5)1-UF
				.353	.094	.016																								
				8.6	2.38	0.79	TCMT 09 02 08-UF						★																	TCMT 1.8(1.5)2-UF
				.337	.094	.031																								
		11	1/4	10.5	2.38	0.20	TCMT 11 02 02-UF				☆	☆	★		★							★			★			★	☆	TCMT 2(1.5)0-UF
				.415	.094	.008																								
				10.3	2.38	0.40	TCMT 11 02 04-UF			★	☆	☆	☆		★					★	☆	☆		★			★	☆	TCMT 2(1.5)1-UF
				.407	.094	.016																								
				9.9	2.38	0.79	TCMT 11 02 08-UF			★	☆	☆	☆																	TCMT 2(1.5)2-UF
				.391	.094	.031																								
		16	3/8	15.7	3.97	0.79	TCMT 16 T3 08-UF			★	☆																			TCMT 3(2.5)2-UF
				.618	.156	.031																								

R = Right hand, L = Left hand

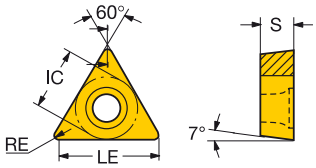
A63 A98 A334 A365 H37 H6

SANDVIK Coromant

CoroTurn® 107 insert for turning

T-style insert (Triangular)





		IC	LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	N 1125	N H10	N H13A	S 1105	S 1115	S 1125	S H13A	ANSI CODE
Medium	WM	1/4	9.9	3.18	0.79	TCMX 11 03 08-WM			☆	★									★	☆									TCMX 222-WM
			.391	.125	.031																								
		3/8	15.7	3.97	0.79	TCMX 16 T3 08-WM	☆	☆	☆	★									★	☆									TCMX 3(2.5)2-WM
			.618	.156	.031																								
	PM	7/32	9.0	2.38	0.40	TCMT 09 02 04-PM	☆		☆	★	☆	☆																	TCMT 1.8(1.5)1-PM
			.353	.094	.016																								
			8.6	2.38	0.79	TCMT 09 02 08-PM	☆		☆	★	☆	☆																	TCMT 1.8(1.5)2-PM
			.337	.094	.031																								
		1/4	10.3	3.18	0.40	TCMT 11 03 04-PM	☆		☆	★	☆	☆																	TCMT 221-PM
			.407	.125	.016																								
			9.9	3.18	0.79	TCMT 11 03 08-PM	☆		☆	★	☆																		TCMT 222-PM
			.391	.125	.031																								
			9.5	3.18	1.19	TCMT 11 03 12-PM			☆	★	☆																		TCMT 223-PM
			.376	.125	.047																								
		3/8	16.1	3.97	0.40	TCMT 16 T3 04-PM	☆		☆	★	☆	☆																	TCMT 3(2.5)1-PM
			.634	.156	.016																								
			15.7	3.97	0.79	TCMT 16 T3 08-PM	☆	☆	☆	★	☆	☆																	TCMT 3(2.5)2-PM
			.618	.156	.031																								
			15.3	3.97	1.19	TCMT 16 T3 12-PM			☆	★	☆	☆																	TCMT 3(2.5)3-PM
			.602	.156	.047																								
		1/2	21.2	4.76	0.79	TCMT 22 04 08-PM				★	☆																		TCMT 432-PM
			.835	.187	.031																								
	MM	7/32	9.0	2.38	0.40	TCMT 09 02 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆		TCMT 1.8(1.5)1-MM
			.353	.094	.016																								
			8.6	2.38	0.79	TCMT 09 02 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆		TCMT 1.8(1.5)2-MM
			.337	.094	.031																								
		1/4	10.3	3.18	0.40	TCMT 11 03 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆		TCMT 221-MM
			.407	.125	.016																								
			9.9	3.18	0.79	TCMT 11 03 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆		TCMT 222-MM
			.391	.125	.031																								
		3/8	16.1	3.97	0.40	TCMT 16 T3 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆		TCMT 3(2.5)1-MM
			.634	.156	.016																								
			15.7	3.97	0.79	TCMT 16 T3 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆		TCMT 3(2.5)2-MM
			.618	.156	.031																								
			15.3	3.97	1.19	TCMT 16 T3 12-MM								☆		★		☆									★		TCMT 3(2.5)3-MM
			.602	.156	.047																								
		1/2	21.2	4.76	0.79	TCMT 22 04 08-MM											★												TCMT 432-MM
			.835	.187	.031																								
	KM	7/32	9.0	2.38	0.40	TCMT 09 02 04-KM													★	☆	☆								TCMT 1.8(1.5)1-KM
			.353	.094	.016																								
			8.6	2.38	0.79	TCMT 09 02 08-KM													★	☆	☆								TCMT 1.8(1.5)2-KM
			.337	.094	.031																								
		1/4	10.3	3.18	0.40	TCMT 11 03 04-KM													★	☆	☆								TCMT 221-KM
			.407	.125	.016																								
			9.9	3.18	0.79	TCMT 11 03 08-KM													★	☆	☆								TCMT 222-KM
			.391	.125	.031																								
			9.5	3.18	1.19	TCMT 11 03 12-KM													★	☆									TCMT 223-KM
			.376	.125	.047																								
		3/8	16.1	3.97	0.40	TCMT 16 T3 04-KM													★	☆	☆								TCMT 3(2.5)1-KM
			.634	.156	.016																								
			15.7	3.97	0.79	TCMT 16 T3 08-KM													★	☆	☆								TCMT 3(2.5)2-KM
			.618	.156	.031																								
			15.3	3.97	1.19	TCMT 16 T3 12-KM													★	☆	☆								TCMT 3(2.5)3-KM
			.602	.156	.047																								
		1/2	21.2	4.76	0.79	TCMT 22 04 08-KM													★	☆	☆								TCMT 432-KM
			.835	.187	.031																								

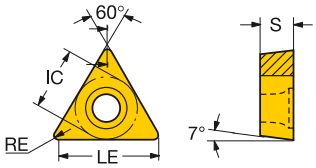
R = Right hand, L = Left hand

A63 A98 A334 A365 H37 H6

CoroTurn® 107 insert for turning

T-style insert (Triangular)





		IC	LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	N 1125	N H10	N H13A	S 1105	S 1115	S 1125	S H13A	ANSI CODE
		06	6.2	1.98	0.40	TCGX 06 T1 04-AL																	★						TCGX 1.2(1.2)1-AL
			.245	.078	.016																								
		09	9.2	2.38	0.20	TCGX 09 02 02-AL																	★						TCGX 1.8(1.5)0-AL
			.361	.094	.008																								
			9.0	2.38	0.40	TCGX 09 02 04-AL																	★						TCGX 1.8(1.5)1-AL
			.353	.094	.016																								
		11	10.5	2.38	0.20	TCGX 11 02 02-AL																	★						TCGX 2(1.5)0-AL
			.415	.094	.008																								
			10.3	2.38	0.40	TCGX 11 02 04-AL																	★						TCGX 2(1.5)1-AL
			.407	.094	.016																								
			9.9	2.38	0.79	TCGX 11 02 08-AL																	★						TCGX 2(1.5)2-AL
			.391	.094	.031																								
			10.5	3.18	0.20	TCGX 11 03 02-AL																	★						TCGX 220-AL
			.415	.125	.008																								
			10.3	3.18	0.40	TCGX 11 03 04-AL																	★						TCGX 221-AL
			.407	.125	.016																								
			9.9	3.18	0.79	TCGX 11 03 08-AL																	★						TCGX 222-AL
			.391	.125	.031																								
		16	16.1	3.97	0.40	TCGX 16 T3 04-AL																	★						TCGX 3(2.5)1-AL
			.634	.156	.016																								
			15.7	3.97	0.79	TCGX 16 T3 08-AL																	★						TCGX 3(2.5)2-AL
			.618	.156	.031																								
		09	9.0	2.38	0.40	TCGT 09 02 04-UM						★																	TCGT 1.8(1.5)1-UM
			.353	.094	.016																								
		11	10.6	2.38	0.10	TCGT 11 02 01-UM						★		★							★			★			★	☆	TCGT 2(1.5)03-UM
			.419	.094	.004																								
			10.5	2.38	0.20	TCGT 11 02 02-UM						★		★							★			★			★	☆	TCGT 2(1.5)0-UM
			.415	.094	.008																								
			10.3	2.38	0.40	TCGT 11 02 04-UM						★		★							★			★			★	☆	TCGT 2(1.5)1-UM
			.407	.094	.016																								
			9.9	2.38	0.79	TCGT 11 02 08-UM						★		★			☆				★			★			★	☆	TCGT 2(1.5)2-UM
			.391	.094	.031																								
			10.6	3.18	0.10	TCGT 11 03 01-UM						★		★														★		TCGT 22(03)-UM
			.419	.125	.004																								
			10.5	3.18	0.20	TCGT 11 03 02-UM						★	★	☆												☆	★		TCGT 220-UM
			.415	.125	.008																								
			10.3	3.18	0.40	TCGT 11 03 04-UM						★	★	☆												☆	★		TCGT 221-UM
			.407	.125	.016																								
			9.9	3.18	0.79	TCGT 11 03 08-UM						★	★	☆												☆	★		TCGT 222-UM
			.391	.125	.031																								
		16	16.1	3.97	0.40	TCGT 16 T3 04-UM						★													★				TCGT 3(2.5)1-UM
			.634	.156	.016																								
			15.7	3.97	0.79	TCGT 16 T3 08-UM																			★				TCGT 3(2.5)2-UM
			.618	.156	.031																								
		09	9.0	2.38	0.40	TCMT 09 02 04-UM	☆		☆	★		☆	★	☆												★	☆		TCMT 1.8(1.5)1-UM
			.353	.094	.016																								
			8.6	2.38	0.79	TCMT 09 02 08-UM	☆		☆	★																			TCMT 1.8(1.5)2-UM
			.337	.094	.031																								
		11	10.3	2.38	0.40	TCMT 11 02 04-UM	☆		☆	★	☆	☆		☆	☆	★		☆			★			★			★	☆	TCMT 2(1.5)1-UM
			.407	.094	.016																								
			9.9	2.38	0.79	TCMT 11 02 08-UM	☆		☆	★	☆	☆		☆	☆	★		☆			★			★			★	☆	TCMT 2(1.5)2-UM
			.391	.094	.031																								
		16	16.1	3.97	0.40	TCMT 16 T3 04-UM			☆	★	☆		★	☆													★	☆		TCMT 3(2.5)1-UM
			.634	.156	.016																								
			15.7	3.97	0.79	TCMT 16 T3 08-UM			☆	★	☆		★	☆													★	☆		TCMT 3(2.5)2-UM
			.618	.156	.031																								

Medium — AL, UM

R = Right hand, L = Left hand

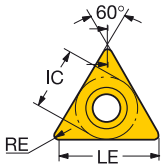
A63 A98 A334 A365 H37 H6

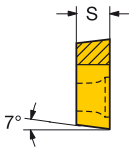
SANDVIK Coromant

CoroTurn® 107 insert for turning

T-style insert (Triangular)







		IC	LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	N 1125	N H10	N H13A	S 1105	S 1115	S 1125	S H13A	ANSI CODE
Roughing	PR	11	1/4	9.9	3.18	0.79	TCMT 11 03 08-PR				☆	☆	★																	TCMT 222-PR
				.391	.125	.031																							
				9.5	3.18	1.19	TCMT 11 03 12-PR					★																		TCMT 223-PR
				.376	.125	.047																							
		16	3/8	15.7	3.97	0.79	TCMT 16 T3 08-PR				☆	☆	★																	TCMT 3(2.5)2-PR
				.618	.156	.031																							
				15.3	3.97	1.19	TCMT 16 T3 12-PR				☆	☆	★																	TCMT 3(2.5)3-PR
				.602	.156	.047																							
		22	1/2	21.2	4.76	0.79	TCMT 22 04 08-PR					☆	★																	TCMT 432-PR
				.835	.187	.031																							
				20.8	4.76	1.19	TCMT 22 04 12-PR					☆	★																	TCMT 433-PR
				.819	.187	.047																							
	KR	11	1/4	9.9	3.18	0.79	TCMT 11 03 08-KR												☆	★									TCMT 222-KR
				.391	.125	.031																							
				9.5	3.18	1.19	TCMT 11 03 12-KR												☆	★									TCMT 223-KR
				.376	.125	.047																							
		16	3/8	15.7	3.97	0.79	TCMT 16 T3 08-KR												☆	★	☆								TCMT 3(2.5)2-KR
				.618	.156	.031																							
				15.3	3.97	1.19	TCMT 16 T3 12-KR												☆	★	☆								TCMT 3(2.5)3-KR
				.602	.156	.047																							
		22	1/2	21.2	4.76	0.79	TCMT 22 04 08-KR												☆	★	☆								TCMT 432-KR
				.835	.187	.031																							
				20.8	4.76	1.19	TCMT 22 04 12-KR												☆	★	☆								TCMT 433-KR
				.819	.187	.047																							
	MR	11	1/4	9.9	3.18	0.79	TCMT 11 03 08-MR									☆	★	☆											TCMT 222-MR
				.391	.125	.031																							
		16	3/8	15.7	3.97	0.79	TCMT 16 T3 08-MR								☆	☆	★	☆							★				TCMT 3(2.5)2-MR
				.618	.156	.031																							
				15.3	3.97	1.19	TCMT 16 T3 12-MR									☆	★	☆											TCMT 3(2.5)3-MR
				.602	.156	.047																							
		22	1/2	21.2	4.76	0.79	TCMT 22 04 08-MR										★												TCMT 432-MR
				.835	.187	.031																							
				20.8	4.76	1.19	TCMT 22 04 12-MR										★												TCMT 433-MR
				.819	.187	.047																							
	UR	11	1/4	10.3	2.38	0.40	TCMT 11 02 04-UR			☆	☆	★									★			★				★	TCMT 2(1.5)1-UR
				.407	.094	.016																							
				9.9	2.38	0.79	TCMT 11 02 08-UR	☆		☆	☆	★				★		☆	☆	★	☆			★				★	TCMT 2(1.5)2-UR
				.391	.094	.031																							
		16	3/8	16.1	3.97	0.40	TCMT 16 T3 04-UR			☆	★																		TCMT 3(2.5)1-UR
				.634	.156	.016																							
				15.7	3.97	0.79	TCMT 16 T3 08-UR			☆	☆	★																	TCMT 3(2.5)2-UR
				.618	.156	.031																							
				15.3	3.97	1.19	TCMT 16 T3 12-UR			☆	★					★		☆											TCMT 3(2.5)3-UR
				.602	.156	.047																							

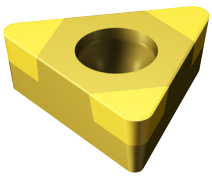
R = Right hand, L = Left hand

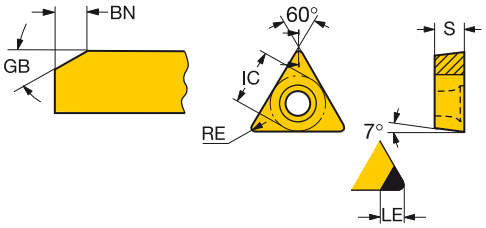
A63 A98 A334 A365 H37 H6

CoroTurn® 107 insert for turning

T-style insert (Triangular)

Advanced cutting materials





										K	N		H					
			IC	LE	S	RE	GB	BN	ISO CODE	7525	CD05	CD10	7015	7025	7105	7115	7525	ANSI CODE
	06	5/32		2.0	1.59	0.20	20°	0.10	TCGW06T102S01020E							★		TCGW1.2(1.2)0S0320E
				.077	.062	.008	20°	.004										
				1.5	1.98	0.20	20°	0.10	TCGW06T102T01020E					★				TCGW1.2(1.2)0T0320E
				.059	.078	.008	20°	.004										
				1.8	1.98	0.40	20°	0.10	TCGW06T104S01020E				☆	☆	☆	★	☆	TCGW1.2(1.2)1S0320E
				.071	.078	.016	20°	.004										
	09	7/32		1.8	2.38	0.20	20°	0.10	TCGW090202S01020F				☆	☆		★		TCGW1.8(1.5)0S0320F
				.071	.094	.008	20°	.004										
				1.8	2.38	0.40	20°	0.10	TCGW090204S01020F				☆	☆	☆	★		TCGW1.8(1.5)1S0320F
				.071	.094	.016	20°	.004										
				1.8	2.38	0.40	30°	0.10	TCGW090204S01030F				★					TCGW1.8(1.5)1S0330F
				.071	.094	.016	30°	.004										
				2.8	2.38	0.40	30°	0.15	TCGW090204S01530F					★			☆	TCGW1.8(1.5)1S0630F
				.110	.094	.016	30°	.006										
				2.7	2.38	0.40			TCMW090204FP		☆	★						TCMW1.8(1.5)1FP
				.106	.094	.016												
	11	1/4		2.8	2.38	0.20	20°	0.10	TCGW110202T01020F	★							★	TCGW2(1.5)0T0320F
				.110	.094	.008	20°	.004										
				1.8	2.38	0.40	20°	0.10	TCGW110204S01020F				★	☆				TCGW2(1.5)1S0320F
				.071	.094	.016	20°	.004										
				1.8	2.38	0.40	30°	0.15	TCGW110204S01530F					★				TCGW2(1.5)1S0630F
				.071	.094	.016	30°	.006										
				2.8	2.38	0.40	20°	0.10	TCGW110204T01020F	★							★	TCGW2(1.5)1T0320F
				.110	.094	.016	20°	.004										
				2.9	2.38	0.79	20°	0.10	TCGW110208S01020F				★	☆				TCGW2(1.5)2S0320F
				.114	.094	.031	20°	.004										
				2.0	2.38	0.79	30°	0.15	TCGW110208S01530F					★				TCGW2(1.5)2S0630F
				.079	.094	.031	30°	.006										
				1.8	3.18	0.40	20°	0.10	TCGW110304S01020F	★			☆	☆	☆	★	☆	TCGW221S0320F
				.071	.125	.016	20°	.004										
				1.8	3.18	0.40	30°	0.15	TCGW110304S01530F					★				TCGW221S0630F
				.071	.125	.016	30°	.006										
				2.8	3.18	0.40	20°	0.10	TCGW110304T01020F	★							★	TCGW221T0320F
				.110	.125	.016	20°	.004										
				2.0	3.18	0.79	20°	0.10	TCGW110308S01020F	★			☆	☆	☆	★	☆	TCGW222S0320F
				.079	.125	.031	20°	.004										
				2.9	3.18	0.79	30°	0.15	TCGW110308S01530F					★			☆	TCGW222S0630F
				.114	.125	.031	30°	.006										
				2.9	3.18	0.79	20°	0.10	TCGW110308T01020F	★							★	TCGW222T0320F
				.114	.125	.031	20°	.004										
				2.7	2.38	0.40			TCMW110204FP		☆	★						TCMW2(1.5)1FP
				.106	.094	.016												
				2.4	2.38	0.79			TCMW110208FP			★						TCMW2(1.5)2FP
				.094	.094	.031												
				2.7	3.18	0.40			TCMW110304FP			★						TCMW221FP
				.106	.125	.016												
				2.4	3.18	0.79			TCMW110308FP			★						TCMW222FP
				.094	.125	.031												
	16	3/8		4.2	3.97	0.40			TCMW16T304FP		☆	★						TCMW3(2.5)1FP
				.165	.156	.016												
				7.4	3.97	0.40			TCMW16T304FR/LP			★						TCMW3(2.5)1FLP
				.291	.156	.016												
				3.9	3.97	0.79			TCMW16T308FP		☆	★						TCMW3(2.5)2FP
				.154	.156	.031												

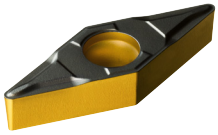
Finishing

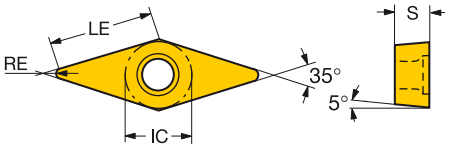
A63 A98 A334 A365 H37 H28 H6 H3

SANDVIK Coromant

CoroTurn® 107 insert for turning

V-style insert (Rhombic 35°)



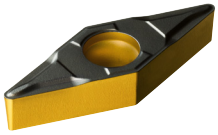


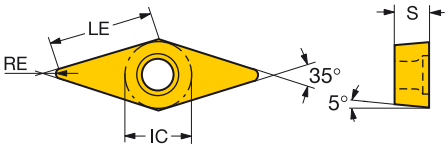
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				LE	S	RE	ISO CODE	1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	S05F	ANSI CODE
Finishing	PF	11	1/4	10.9	3.18	0.20	VCMT 11 03 02-PF						★																		VCMT 220-PF
				.428	*.125*	*.008*																									
				10.7	3.18	0.40	VCMT 11 03 04-PF			★	☆		☆																		VCMT 221-PF
				.420	*.125*	*.016*																									
				10.9	3.18	0.20	VBMT 11 03 02-PF	★			☆		☆																		VBMT 220-PF
				.428	*.125*	*.008*																									
				10.7	3.18	0.40	VBMT 11 03 04-PF	☆		★	☆		☆																		VBMT 221-PF
				.420	*.125*	*.016*																									
				10.3	3.18	0.79	VBMT 11 03 08-PF			★	☆		☆																		VBMT 222-PF
				.404	*.125*	*.031*																									
				9.9	3.18	1.19	VBMT 11 03 12-PF			★	☆																				VBMT 223-PF
				.389	*.125*	*.047*																									
		16	3/8	16.4	4.76	0.20	VBMT 16 04 02-PF						★																		VBMT 330-PF
				.646	*.187*	*.008*																									
				16.2	4.76	0.40	VBMT 16 04 04-PF			★	☆		☆																		VBMT 331-PF
				.638	*.187*	*.016*																									
				15.8	4.76	0.79	VBMT 16 04 08-PF			★	☆		☆																		VBMT 332-PF
				.622	*.187*	*.031*																									
				15.4	4.76	1.19	VBMT 16 04 12-PF			★																					VBMT 333-PF
				.607	*.187*	*.047*																									
	MF	11	1/4	10.9	3.18	0.20	VCMT 11 03 02-MF								★																VCMT 220-MF
				.428	*.125*	*.008*																									
				10.7	3.18	0.40	VCMT 11 03 04-MF								☆	★															VCMT 221-MF
				.420	*.125*	*.016*																									
	KF	11	1/4	10.9	3.18	0.20	VBMT 11 03 02-KF														★										VBMT 220-KF
				.428	*.125*	*.008*																									
				10.7	3.18	0.40	VBMT 11 03 04-KF													★	☆	☆									VBMT 221-KF
				.420	*.125*	*.016*																									
				10.3	3.18	0.79	VBMT 11 03 08-KF													★	☆										VBMT 222-KF
				.404	*.125*	*.031*																									
				10.7	3.18	0.40	VCMT 11 03 04-KF													★	☆										VCMT 221-KF
				.420	*.125*	*.016*																									
		16	3/8	16.4	4.76	0.20	VBMT 16 04 02-KF														★										VBMT 330-KF
				.646	*.187*	*.008*																									
				16.2	4.76	0.40	VBMT 16 04 04-KF													★	☆	☆									VBMT 331-KF
				.638	*.187*	*.016*																									
				15.8	4.76	0.79	VBMT 16 04 08-KF													★	☆	☆									VBMT 332-KF
				.622	*.187*	*.031*																									
	MF	11	1/4	10.9	3.18	0.20	VBMT 11 03 02-MF							★	☆											★	☆	☆			VBMT 220-MF
				.428	*.125*	*.008*																									
				10.7	3.18	0.40	VBMT 11 03 04-MF							☆	☆	★	☆		☆							★	☆	☆			VBMT 221-MF
				.420	*.125*	*.016*																									
				10.3	3.18	0.79	VBMT 11 03 08-MF							☆	☆	★	☆		☆							★	☆	☆			VBMT 222-MF
				.404	*.125*	*.031*																									
		16	3/8	16.4	4.76	0.20	VBMT 16 04 02-MF							★	☆											★	☆	☆			VBMT 330-MF
				.646	*.187*	*.008*																									
				16.2	4.76	0.40	VBMT 16 04 04-MF							☆	☆	★	☆		☆							★	☆	☆			VBMT 331-MF
				.638	*.187*	*.016*																									
				15.8	4.76	0.79	VBMT 16 04 08-MF							☆	☆	★	☆		☆							★	☆	☆		☆	VBMT 332-MF
				.622	*.187*	*.031*																									
				15.4	4.76	1.19	VBMT 16 04 12-MF									★															VBMT 333-MF
				.607	*.187*	*.047*																									
	UF	11	1/4	10.9	2.38	0.20	VBMT 11 02 02-UF	★			☆	☆	☆		★							★	☆		★			★	☆		VBMT 2(1.5)0-UF
				.428	*.094*	*.008*																									
				10.7	2.38	0.40	VBMT 11 02 04-UF	☆		★	☆	☆	☆		★							★	☆		★			★	☆		VBMT 2(1.5)1-UF
				.420	*.094*	*.016*																									
				10.3	2.38	0.79	VBMT 11 02 08-UF	☆		★	☆	☆	☆									★			★				★		VBMT 2(1.5)2-UF
				.404	*.094*	*.031*																									

A63 A98 A334 A365 H37 H6

CoroTurn® 107 insert for turning

V-style insert (Rhombic 35°)

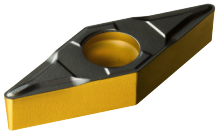


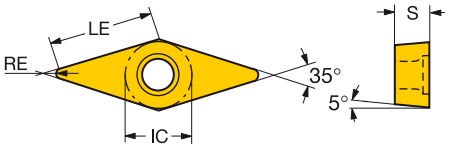


							ISO CODE	P						M						K			N			S					ANSI CODE
				LE	S	RE		1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	S05F	
Medium	PM	16	3/8	16.2	4.76	0.40	VBMT 16 04 04-PM	☆	☆	☆	★	☆	☆																		VBMT 331-PM
				.638	.187	.016																								
				15.8	4.76	0.79	VBMT 16 04 08-PM	☆	☆	☆	★	☆	☆																		VBMT 332-PM
				.622	.187	.031																								
				15.4	4.76	1.19	VBMT 16 04 12-PM	☆	☆	☆	★	☆	☆																		VBMT 333-PM
				.607	.187	.047																								
		11	1/4	10.7	3.18	0.40	VCMT 11 03 04-PM	☆		☆	★	☆																			VCMT 221-PM
				.420	.125	.016																								
				10.3	3.18	0.79	VCMT 11 03 08-PM			☆	★																				VCMT 222-PM
				.404	.125	.031																								
	MM	16	3/8	16.2	4.76	0.40	VBMT 16 04 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆			VBMT 331-MM
				.638	.187	.016																								
				15.8	4.76	0.79	VBMT 16 04 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆			VBMT 332-MM
				.622	.187	.031																								
				15.4	4.76	1.19	VBMT 16 04 12-MM							☆	☆	☆	★	☆	☆								★	☆			VBMT 333-MM
				.607	.187	.047																								
		11	1/4	10.7	3.18	0.40	VCMT 11 03 04-MM								☆		★		☆									★			VCMT 221-MM
				.420	.125	.016																								
				10.3	3.18	0.79	VCMT 11 03 08-MM										★		☆												VCMT 222-MM
				.404	.125	.031																								
	KM	11	1/4	10.3	3.18	0.79	VCMT 11 03 08-KM													★	☆										VCMT 222-KM
				.404	.125	.031																								
		16	3/8	16.2	4.76	0.40	VBMT 16 04 04-KM													★	☆	☆									VBMT 331-KM
				.638	.187	.016																								
				15.8	4.76	0.79	VBMT 16 04 08-KM													★	☆	☆									VBMT 332-KM
				.622	.187	.031																								
				15.4	4.76	1.19	VBMT 16 04 12-KM													★	☆	☆									VBMT 333-KM
				.607	.187	.047																								
	UM	16	3/8	16.5	4.76	0.10	VBGT 16 04 01-UM							★	☆							★	☆		★	☆	☆	★	☆		VBGT 3303-UM
				.650	.187	.004																								
				16.4	4.76	0.20	VBGT 16 04 02-UM							★	☆							★	☆		★	☆	☆	★	☆		VBGT 330-UM
				.646	.187	.008																								
				16.2	4.76	0.40	VBGT 16 04 04-UM							★	☆							★	☆		★	☆	☆	★	☆	☆	VBGT 331-UM
				.638	.187	.016																								
				15.8	4.76	0.79	VBGT 16 04 08-UM							★	☆							★	☆		★	☆	☆	★	☆	☆	VBGT 332-UM
				.622	.187	.031																								
	UM	11	1/4	11.0	3.18	0.10	VCET 11 03 01-UM							★	☆								★			☆	☆	★			VCET 22(03)-UM
				.432	.125	.004																								
				10.9	3.18	0.20	VCET 11 03 02-UM							★	☆								★			☆	☆	★			VCET 220-UM
				.428	.125	.008																								
				11.0	3.18	0.10	VCGT 11 03 01-UM							★	☆							★	☆		★		☆	★	☆		VCGT 2203-UM
				.432	.125	.004																								
				10.9	3.18	0.20	VCGT 11 03 02-UM							★	☆							★	☆		★		☆	★	☆		VCGT 220-UM
				.428	.125	.008																								
				10.7	3.18	0.40	VCGT 11 03 04-UM							★	☆							★	☆		★		☆	★	☆		VCGT 221-UM
				.420	.125	.016																								

CoroTurn® 107 insert for turning

V-style insert (Rhombic 35°)





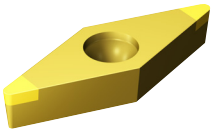
								P						M						K			N			S					
				LE	S	RE	ISO CODE	1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	S05F	ANSI CODE
Medium	AL	11	1/4	10.9	2.38	0.20	VCGX 11 02 02-AL																★								VCGX 2(1.5)0-AL
				.428	*.094*	*.008*																									
				10.7	2.38	0.40	VCGX 11 02 04-AL																★								VCGX 2(1.5)1-AL
				.420	*.094*	*.016*																									
				10.9	3.18	0.20	VCGX 11 03 02-AL																★								VCGX 220-AL
				.428	*.125*	*.008*																									
				10.7	3.18	0.40	VCGX 11 03 04-AL																★								VCGX 221-AL
				.420	*.125*	*.016*																									
		16	3/8	16.2	4.76	0.40	VCGX 16 04 04-AL																★								VCGX 331-AL
				.638	*.187*	*.016*																									
				15.8	4.76	0.79	VCGX 16 04 08-AL																★								VCGX 332-AL
				.622	*.187*	*.031*																									
				15.4	4.76	1.19	VCGX 16 04 12-AL																★								VCGX 333-AL
				.607	*.187*	*.047*																									
		22	1/2	20.1	5.56	2.00	VCGX 22 05 20-AL																★								
				.793	*.219*	*.079*																									
				19.1	5.56	3.00	VCGX 22 05 30-AL																★								
				.754	*.219*	*.118*																									
	UM	16	3/8	16.2	4.76	0.40	VBMT 16 04 04-UM	☆		☆	★	☆	☆	☆	☆		★		☆			★	☆		★		★	☆	☆		VBMT 331-UM
				.638	*.187*	*.016*																									
				15.8	4.76	0.79	VBMT 16 04 08-UM	☆		☆	★	☆	☆	☆	☆		★		☆			★	☆		★		★	☆	☆		VBMT 332-UM
				.622	*.187*	*.031*																									
				15.4	4.76	1.19	VBMT 16 04 12-UM				★			★	☆												★	☆			VBMT 333-UM
				.607	*.187*	*.047*																									
Roughing	PR	16	3/8	15.8	4.76	0.79	VBMT 16 04 08-PR		☆	☆	☆	★																			VBMT 332-PR
				.622	*.187*	*.031*																									
				15.4	4.76	1.19	VBMT 16 04 12-PR		☆	☆	☆	★																			VBMT 333-PR
				.607	*.187*	*.047*																									
	KR	16	3/8	15.8	4.76	0.79	VBMT 16 04 08-KR												☆	★	☆										VBMT 332-KR
				.622	*.187*	*.031*																									
				15.4	4.76	1.19	VBMT 16 04 12-KR												☆	★	☆										VBMT 333-KR
				.607	*.187*	*.047*																									
	MR	16	3/8	15.8	4.76	0.79	VBMT 16 04 08-MR									☆	☆	★	☆							★					VBMT 332-MR
				.622	*.187*	*.031*																									
				15.4	4.76	1.19	VBMT 16 04 12-MR										☆	★	☆							★					VBMT 333-MR
				.607	*.187*	*.047*																									
	UR	16	3/8	16.2	4.76	0.40	VBMT 16 04 04-UR			☆	☆	★									★				★				★		VBMT 331-UR
				.638	*.187*	*.016*																									
				15.8	4.76	0.79	VBMT 16 04 08-UR			☆	☆	★									★				★				★		VBMT 332-UR
				.622	*.187*	*.031*																									
				15.4	4.76	1.19	VBMT 16 04 12-UR			☆	★										★				★				★		VBMT 333-UR
				.607	*.187*	*.047*																									

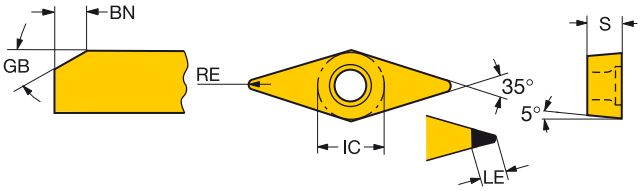
A63 A98 A334 A365 H37 H6

CoroTurn® 107 insert for turning

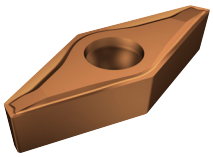
V-style insert (Rhombic 35°)

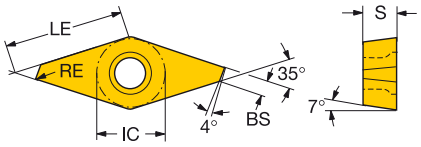
Advanced cutting materials





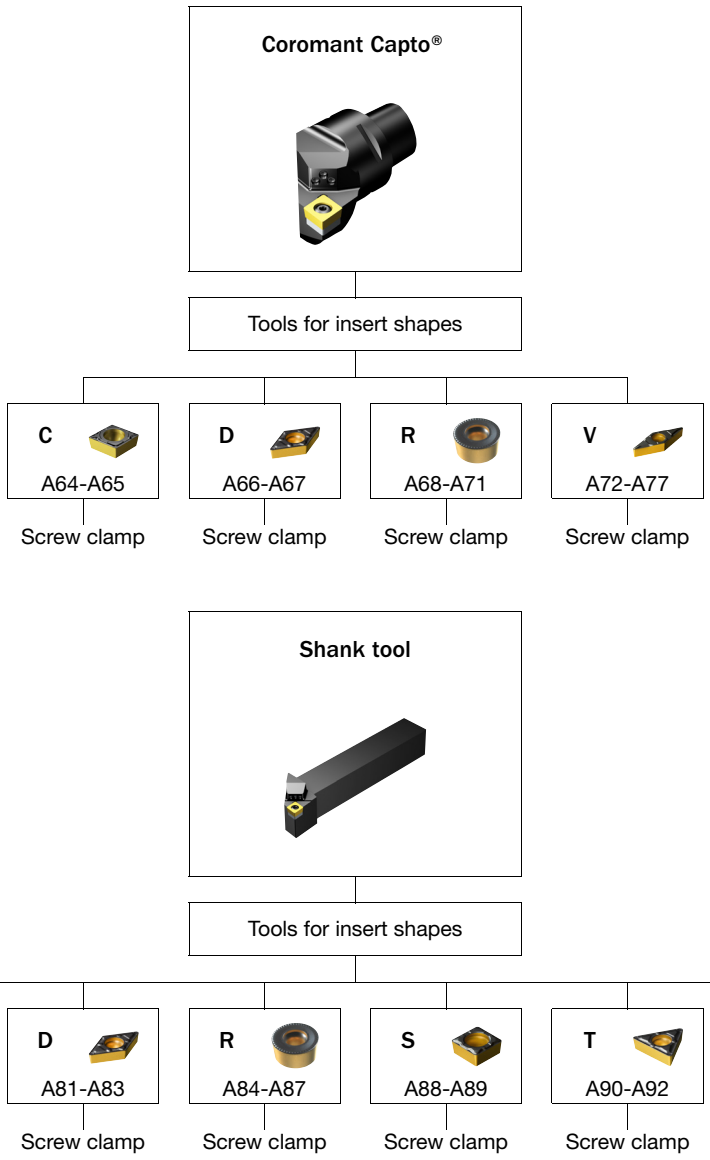
			LE	S	RE	GB	BN	ISO CODE	K 7525	N CD05	N CD10	H 7015	H 7025	H 7105	H 7115	H 7525	ANSI CODE
Finishing	11	1/4	2.5	3.18	0.2	20°	0.10	VBGW110302S01020F							★		VBGW220T0320F
			.098	.125	.008	20°	.004										
			2.3	3.18	0.2	20°	0.10	VBGW110302T01020F					★				VBGW220T0320F
			.091	.125	.008	20°	.004										
			2.5	3.18	0.4	20°	0.10	VBGW110304S01020F				☆	☆	☆	★	☆	VBGW221T0320F
			.098	.125	.016	20°	.004										
			4.4	2.38	0.4			VCMW110204FP		☆	★						VCMW2(1.5)1FP
			.173	.094	.016												
			4.4	3.18	0.4			VCMW110304FP			★						VCMW221FP
			.173	.125	.016												
	16	3/8	2.5	4.76	0.4	20°	0.10	VBGW160404S01020F				☆	☆	☆	★		VBGW331S0320F
			.118	.187	.016	20°	.004										
			3.0	4.76	0.4	30°	0.10	VBGW160404S01030F					★				VBGW331S0330F
			.118	.187	.016	30°	.004										
			3.0	4.76	0.4	30°	0.15	VBGW160404S01530F				★					VBGW331S0630F
			.118	.187	.016	30°	.006										
			4.0	4.76	0.4	20°	0.10	VBGW160404T01020F	★							★	VBGW331T0320F
			.157	.187	.016	20°	.004										
			2.5	4.76	0.8	20°	0.10	VBGW160408S01020F				☆	☆	☆	★		VBGW332S0320F
			.118	.187	.031	20°	.004										
			3.0	4.76	0.8	30°	0.15	VBGW160408S01530F				★	☆				VBGW332S0630F
			.118	.187	.031	30°	.006										
			4.0	4.76	0.8	20°	0.10	VBGW160408T01020F	★							★	VBGW332T0320F
			.157	.187	.031	20°	.004										
			4.4	4.76	0.4			VCMW160404FP		☆	★						VCMW331FP
			.173	.187	.016												
			3.5	4.76	0.8			VCMW160408FP		☆	★						VCMW332FP
			.138	.187	.031												
			2.7	4.76	1.2			VCMW160412FP			★						VCMW333FP
			.106	.187	.047												





			LE	S	RE	ISO CODE	P 5015	M 1115	M 1125	N 1125	S 1105	S 1115	S 1125	ANSI CODE
Finishing	11	1/4	11.1	3.18	0.0	VCEX 11 03 00R/L-F	★	★	☆	★	★	☆	☆	VCEX 22(00)L-F
			.436	.125	.001									
			11.0	3.18	0.1	VCEX 11 03 01R/L-F	★	★	☆	★	★	☆	☆	VCEX 22(03)L-F
			.432	.125	.004									

CoroTurn® 107 tools for external machining



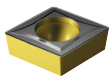
CoroTurn® 107 cutting unit for turning

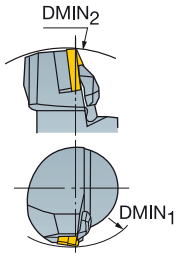
Screw clamp design

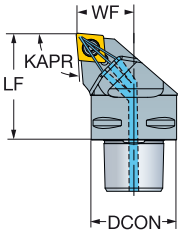
Coromant Capto® - Precision coolant supply

KAPR 95.0°
PSIR -5.0°









CCMT, CCGT
CCGX, CCET

CCMW

	IC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
			Dimensions, mm, inch										
09	3/8	C3	130.0	116.0	3	C3-SCLCR/L-22040-09HPA	32	40.0	22.0	150	3.0	0.23	CCMT 09 T3 08
			5.118	*4.567*			*1.260*	*1.575*	*.866*	*2175*			*CCMT 3(2.5)2*
		C4	130.0	140.0	3	C4-SCLCR/L-27050-09HPA	40	50.0	27.0	150	3.0	0.44	CCMT 09 T3 08
			5.118	*5.512*			*1.575*	*1.969*	*1.063*	*2175*			*CCMT 3(2.5)2*
12	1/2	C4	125.0	140.0	3	C4-SCLCR/L-27050-12HPA	40	50.0	27.0	150	3.0	0.45	CCMT 12 04 08
			4.921	*5.512*			*1.575*	*1.969*	*1.063*	*2175*			*CCMT 432*
		C6	125.0	190.0	3	C6-SCLCR/L-45065-12HPA	63	65.0	45.0	150	3.0	1.34	CCMT 12 04 08
			4.921	*7.480*			*2.480*	*2.559*	*1.772*	*2175*			*CCMT 432*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090. R = Right hand, L = Left hand

			Spare parts			
	IC	CZC$_{MS}$	Insert screw	Shim	Shim screw	Nozzle
09	3/8	C3-C4	5513 020-01	5322 232-01	5512 090-01	5691 026-13
12	1/2	C4-C6	5513 020-18	5322 232-02	5512 090-03	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

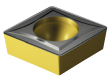
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

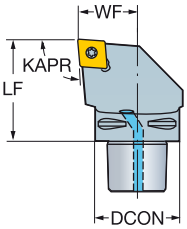
	Cx-SCLCR/L	Cx-SCMCN (M-T)
KAPR	95.0°	50.0°
PSIR	-5.0°	40.0°

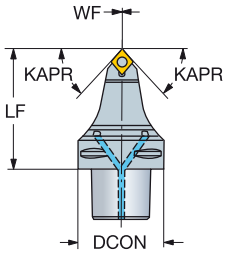


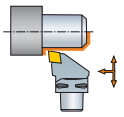


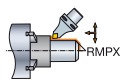
CCMT, CCGT
CCGX, CCET

CCMW





	IC	CZC_{MS}	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	09	3/8	C3	3	C3-SCLCR/L-22040-09	32	40.0	22.0	10	3.0	0.24	CCMT 09 T3 08
						1.260	*1.575*	*.866*	*145*			*CCMT 3(2.5)2*
			C4	3	C4-SCLCR/L-27050-09	40	50.0	27.0	10	3.0	0.46	CCMT 09 T3 08
						1.575	*1.969*	*1.063*	*145*			*CCMT 3(2.5)2*
			C5	3	C5-SCLCR/L-35060-09	50	60.0	35.0	10	3.0	0.87	CCMT 09 T3 08
						1.969	*2.362*	*1.378*	*145*			*CCMT 3(2.5)2*
			C6	3	C6-SCLCR/L-45065-09	63	65.0	45.0	10	3.0	1.50	CCMT 09 T3 08
						2.480	*2.559*	*1.772*	*145*			*CCMT 3(2.5)2*
	12	1/2	C3	3	C3-SCLCR/L-22040-12	32	40.0	22.0	10	3.0	0.24	CCMT 12 04 08
						1.260	*1.575*	*.866*	*145*			*CCMT 432*
			C4	3	C4-SCLCR/L-27050-12	40	50.0	27.0	10	3.0	0.45	CCMT 12 04 08
						1.575	*1.969*	*1.063*	*145*			*CCMT 432*
			C5	3	C5-SCLCR/L-35060-12	50	60.0	35.0	10	3.0	0.85	CCMT 12 04 08
						1.969	*2.362*	*1.378*	*145*			*CCMT 432*
			C6	3	C6-SCLCR/L-45065-12	63	65.0	45.0	10	3.0	1.49	CCMT 12 04 08
						2.480	*2.559*	*1.772*	*145*			*CCMT 432*

	IC	CZC_{MS}	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	12	1/2	C6	45°	3	C6-SCMCN-00090-12	63	90.0	0.0	10	3.0	1.35	CCMT 12 04 08
							2.480	*3.543*	*.000*	*145*			*CCMT 432*

N = Neutral, R = Right hand, L = Left hand

	Spare parts			
Ordering code	Screw	Shim	Shim screw	Nozzle
C3-SCLCR/L-22040-09	5513 020-01	5322 232-01	5512 090-01	5691 034-01
C4-SCLCR/L-27050-09	5513 020-01	5322 232-01	5512 090-01	5691 034-01
C5-SCLCR/L-35060-09	5513 020-01	5322 232-01	5512 090-01	5691 034-02
C6-SCLCR/L-45065-09	5513 020-01	5322 232-01	5512 090-01	5691 034-02
C3-SCLCR/L-22040-12	5513 020-18	5322 232-02	5512 090-03	5691 034-01
C4-SCLCR/L-27050-12	5513 020-18	5322 232-02	5512 090-03	5691 034-01
C5-SCLCR/L-35060-12	5513 020-18	5322 232-02	5512 090-03	5691 034-02
C6-SCLCR/L-45065-12	5513 020-18	5322 232-02	5512 090-03	5691 034-02
C6-SCMCN-00090-12	5513 020-18	5322 232-02	5512 090-03	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

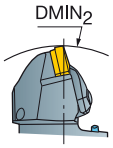
CoroTurn® 107 cutting unit for turning

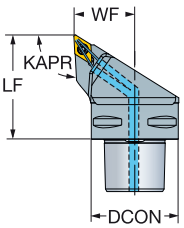
Screw clamp design

Coromant Capto® - Precision coolant supply

KAPR 93.0°
PSIR -3.0°

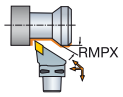








DCMT, DCMX
DCGT, DCGX, DCET
DCMW

	IC	CZC$_{MS}$	DMIN$_2$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
			Dimensions, mm, inch										
	11 3/8	C3	116.0	27°	3	C3-SDJCR/L-22040-11HPA	32	40.0	22.0	150	3.0	0.22	DCMT 11 T3 08
			4.567				*1.260*	*1.575*	*.866*	*2175*			*DCMT 3(2.5)2*
		C4	140.0	27°	3	C4-SDJCR/L-27050-11HPA	40	50.0	27.0	150	3.0	0.42	DCMT 11 T3 08
			5.512				*1.575*	*1.969*	*1.063*	*2175*			*DCMT 3(2.5)2*
		C5	165.0	27°	3	C5-SDJCR/L-35060-11HPA	50	60.0	35.0	150	3.0	0.73	DCMT 11 T3 08
			6.496				*1.969*	*2.362*	*1.378*	*2175*			*DCMT 3(2.5)2*
		C6	190.0	27°	3	C6-SDJCR/L-45065-11HPA	63	65.0	45.0	150	3.0	1.19	DCMT 11 T3 08
			7.480				*2.480*	*2.559*	*1.772*	*2175*			*DCMT 3(2.5)2*

DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts

Insert screw	Shim	Shim screw	Nozzle
5513 020-01	5322 263-01	5512 090-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

CoroTurn® 107 cutting unit for turning

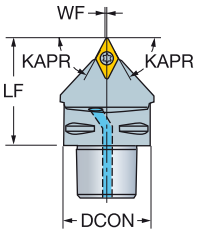
Screw clamp design

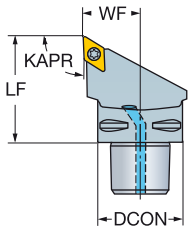
Coromant Capto® - Internal coolant supply

	Cx-SDNCN	Cx-SDJCR/L
KAPR	62.5°	93.0°
PSIR	27.5°	-3.0°



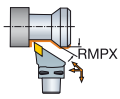






DCMT, DCMX
DCGT, DCGX, DCET

DCMW

	IC		CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
							Dimensions, mm, inch						
	07	1/4	C3	27°	3	C3-SDJCR-22040-07	32	40.0	22.0	10	0.9	0.21	DCMT 07 02 04
							1.260	*1.575*	*.866*	*145*			*DCMT 2(1.5)1*
			C4	27°	3	C4-SDJCR-27050-07	40	50.0	27.0	10	0.9	0.26	DCMT 07 02 04
							1.575	*1.969*	*1.063*	*145*			*DCMT 2(1.5)1*
	11	3/8	C3	27°	3	C3-SDJCR/L-22040-11	32	40.0	22.0	10	3.0	0.21	DCMT 11 T3 08
							1.260	*1.575*	*.866*	*145*			*DCMT 3(2.5)2*
			C4	27°	3	C4-SDJCR/L-27050-11	40	50.0	27.0	10	3.0	0.41	DCMT 11 T3 08
							1.575	*1.969*	*1.063*	*145*			*DCMT 3(2.5)2*
			C5	27°	3	C5-SDJCR/L-35060-11	50	60.0	35.0	10	3.0	0.75	DCMT 11 T3 08
							1.969	*2.362*	*1.378*	*145*			*DCMT 3(2.5)2*
			C6	27°	3	C6-SDJCR/L-45065-11	63	65.0	45.0	10	3.0	1.16	DCMT 11 T3 08
							2.480	*2.559*	*1.772*	*145*			*DCMT 3(2.5)2*
	11	3/8	C3	57°	3	C3-SDNCN-00040-11	32	40.0	0.5	10	3.0	0.20	DCMT 11 T3 08
							1.260	*1.575*	*.020*	*145*			*DCMT 3(2.5)2*
			C4	57°	3	C4-SDNCN-00050-11	40	50.0	0.5	10	3.0	0.38	DCMT 11 T3 08
							1.575	*1.969*	*.020*	*145*			*DCMT 3(2.5)2*
			C5	57°	3	C5-SDNCN-00060-11	50	60.0	0.5	10	3.0	0.66	DCMT 11 T3 08
							1.969	*2.362*	*.020*	*145*			*DCMT 3(2.5)2*

N = Neutral, R = Right hand, L = Left hand

			Spare parts			
IC		CZC_{MS}	Screw	Shim	Shim screw	Nozzle
07	1/4	C3-C4	5513 020-03			5691 034-01
11	3/8	C3-C4	5513 020-01	5322 263-01	5512 090-01	5691 034-01
11	3/8	C5-C6	5513 020-01	5322 263-01	5512 090-01	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

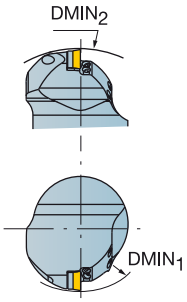
CoroTurn® 107 cutting unit for turning

Screw clamp design

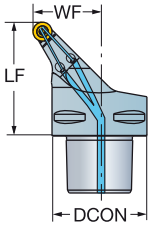
Coromant Capto® - Precision coolant supply



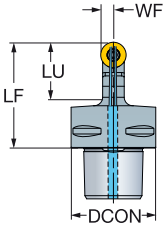




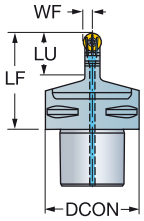
Cx-SRSCR/L..HP



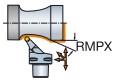
Cx-SRDCN..HPA



Cx-SRDCN..HP



RCMT
RCGX-AL

	IC		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	LU	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	10	.394	C5	130.0	270.0		45°	3	C5-SRSCR/L-35060-10HP	50	60.0	35.0	150	3.0	0.70	RCMT 10 T3 M0
				5.118	*10.630*					*1.969*	*2.362*	*1.378*	*2175*			*RCMT 10 T3 M0*
			C6	140.0	300.0		45°	3	C6-SRSCR/L-45065-10HP	63	65.0	45.0	150	3.0	1.22	RCMT 10 T3 M0
				5.512	*11.811*					*2.480*	*2.559*	*1.772*	*2175*			*RCMT 10 T3 M0*
	12	.472	C5	130.0	270.0		45°	3	C5-SRSCR/L-35060-12HP	50	60.0	35.0	150	3.0	0.70	RCMT 12 04 M0
				5.118	*10.630*					*1.969*	*2.362*	*1.378*	*2175*			*RCMT 12 04 M0*
			C5	150.0	165.0		45°	3	C5-SRSCR/L-35060-12HPA	50	60.0	35.0	150	3.0	0.70	RCMT 12 04 M0
				5.906	*6.496*					*1.969*	*2.362*	*1.378*	*2175*			*RCMT 12 04 M0*
			C6	120.0	195.0		45°	3	C6-SRSCR/L-45065-12HP	63	65.0	45.0	150	3.0	1.37	RCMT 12 04 M0
				4.724	*7.677*					*2.480*	*2.559*	*1.772*	*2175*			*RCMT 12 04 M0*
			C6	150.0	190.0		27°	3	C6-SRSCR/L-45065-12HPA	63	65.0	45.0	150	3.0	1.25	RCMT 12 04 M0
				5.906	*7.480*					*2.480*	*2.559*	*1.772*	*2175*			*RCMT 12 04 M0*
	16	.630	C5	175.0	165.0		27°	3	C5-SRSCR/L-35060-16HPA	50	60.0	35.0	150	6.4	0.70	RCMT 16 06 M0
				6.890	*6.496*					*1.969*	*2.362*	*1.378*	*2175*			*RCMT 16 06 M0*
			C6	175.0	190.0		27°	3	C6-SRSCR/L-45065-16HPA	63	65.0	45.0	150	6.4	1.25	RCMT 16 06 M0
				6.890	*7.480*					*2.480*	*2.559*	*1.772*	*2175*			*RCMT 16 06 M0*
	10	.394	C5		165.0	25.0	90°	3	C5-SRDCN00060-10AHPA	50	60.0	5.0	150	3.0	0.70	RCMT 10 T3 M0
					6.496	*.984*				*1.969*	*2.362*	*.197*	*2175*			*RCMT 10 T3 M0*
	12	.472	C4		140.0	28.0	90°	3	C4-SRDCN00050-12AHPA	40	50.0	6.0	150	3.0	0.34	RCMT 12 04 M0
					5.512	*1.102*				*1.575*	*1.969*	*.236*	*2175*			*RCMT 12 04 M0*
			C5		165.0	28.0	90°	3	C5-SRDCN00060-12AHPA	50	60.0	6.0	150	3.0	0.63	RCMT 12 04 M0
					6.496	*1.102*				*1.969*	*2.362*	*.236*	*2175*			*RCMT 12 04 M0*
			C6		190.0	28.0	90°	3	C6-SRDCN00065-12AHPA	63	65.0	6.0	150	3.0	1.05	RCMT 12 04 M0
					7.480	*1.102*				*2.480*	*2.559*	*.236*	*2175*			*RCMT 12 04 M0*
			C6		190.0	28.0	90°	3	C6-SRDCN-00065-12HP	63	65.0	6.0	150	3.0	1.13	RCMT 12 04 M0
					7.480	*1.102*				*2.480*	*2.559*	*.236*	*2175*			*RCMT 12 04 M0*
	16	.630	C6		190.0	35.0	90°	3	C6-SRDCN00065-16AHPA	63	65.0	8.0	150	6.4	1.04	RCMT 16 06 M0
					7.480	*1.378*				*2.480*	*2.559*	*.315*	*2175*			*RCMT 16 06 M0*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

N = Neutral, R = Right hand, L = Left hand

	Spare parts			
Ordering code	Insert screw	Shim	Shim screw	Nozzle
C5-SRDCN00060-10AHPA	5513 020-10	5322 110-01	5512 090-01	5691 026-13
C5-SRSCR/L-35060-10HP	5513 020-10	5322 110-01	5512 090-01	5691 026-03
C6-SRSCR/L-45065-10HP	5513 020-10	5322 110-01	5512 090-01	5691 026-03
C4-SRDCN00050-12AHPA	5513 020-01	5322 110-02	5512 090-01	5691 026-13
C5-SRDCN00060-12AHPA	5513 020-01	5322 110-02	5512 090-01	5691 026-13
C5-SRSCR/L-35060-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-03
C5-SRSCR/L-35060-12HPA	5513 020-01	5322 110-02	5512 090-01	5691 026-03
C6-SRDCN00065-12AHPA	5513 020-01	5322 110-02	5512 090-01	5691 026-13
C6-SRDCN-00065-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-03
C6-SRSCR/L-45065-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-03
C6-SRSCR/L-45065-12HPA	5513 020-01	5322 110-02	5512 090-01	5691 026-03
C5-SRSCR/L-35060-16HPA	5513 020-26	5322 110-03	5512 090-06	5691 026-03
C6-SRDCN00065-16AHPA	5513 020-26	5322 110-03	5512 090-06	5691 026-03
C6-SRSCR/L-45065-16HPA	5513 020-26	5322 110-03	5512 090-06	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

CoroTurn® 107 cutting unit for turning

Screw clamp design

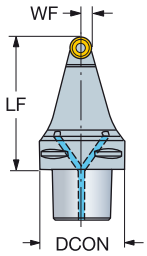
Coromant Capto® - Internal coolant supply

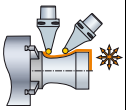






RCMT
RCGX-AL



	IC		CZC_{MS}	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	10	.394	C6	90°	3	**C6-SRDCN-00100-10**	63	100.0	5.0	10	3.0	1.42	RCMT 10 T3 M0
							2.480	*3.937*	*.197*	*145*			*RCMT 10 T3 M0*
	16	.630	C6	90°	3	**C6-SRDCN-00100-16**	63	100.0	8.0	10	6.4	1.44	RCMT 16 06 M0
							2.480	*3.937*	*.315*	*145*			*RCMT 16 06 M0*

N = Neutral

			Spare parts			
IC		CZC_{MS}	Screw	Shim	Shim screw	Nozzle
10	.394	C6	5513 020-10	5322 110-01	5512 090-01	5691 045-01
16	.630	C6	5513 020-26	5322 110-03	5512 090-06	5691 045-01

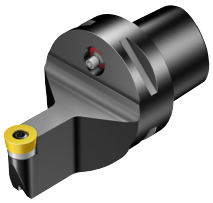
For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

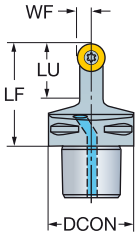
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply







RCMT
RCGX-AL

	IC	CZC_{MS}	LU	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
06	.236	C4	12.0	90°	3	C4-SRDCN-00050-06A	40	50.0	3.0	10	0.9	0.40	RCMT 06 02 M0
			.472				*1.575*	*1.969*	*.118*	*145*			*RCMT 06 02 M0*
		C5	12.0	90°	3	C5-SRDCN-00060-06A	50	60.0	3.0	10	0.9	0.71	RCMT 06 02 M0
			.472				*1.969*	*2.362*	*.118*	*145*			*RCMT 06 02 M0*
08	.315	C4	16.0	90°	3	C4-SRDCN-00050-08A	40	50.0	4.0	10	1.4	0.36	RCMT 08 03 M0
			.630				*1.575*	*1.969*	*.157*	*145*			*RCMT 08 03 M0*
		C5	16.0	90°	3	C5-SRDCN-00060-08A	50	60.0	4.0	10	1.4	0.59	RCMT 08 03 M0
			.630				*1.969*	*2.362*	*.157*	*145*			*RCMT 08 03 M0*
10	.394	C4	25.0	90°	3	C4-SRDCN-00050-10A	40	50.0	5.0	10	3.0	0.33	RCMT 10 T3 M0
			.984				*1.575*	*1.969*	*.197*	*145*			*RCMT 10 T3 M0*
		C5	25.0	90°	3	C5-SRDCN-00060-10A	50	60.0	5.0	10	3.0	0.62	RCMT 10 T3 M0
			.984				*1.969*	*2.362*	*.197*	*145*			*RCMT 10 T3 M0*
		C6	25.0	90°	3	C6-SRDCN-00065-10A	63	65.0	5.0	10	3.0	1.09	RCMT 10 T3 M0
			.984				*2.480*	*2.559*	*.197*	*145*			*RCMT 10 T3 M0*
12	.472	C4	28.0	90°	3	C4-SRDCN-00050-12A	40	50.0	6.0	10	3.0	0.33	RCMT 12 04 M0
			1.102				*1.575*	*1.969*	*.236*	*145*			*RCMT 12 04 M0*
		C5	28.0	90°	3	C5-SRDCN-00060-12A	50	60.0	6.0	10	3.0	0.62	RCMT 12 04 M0
			1.102				*1.969*	*2.362*	*.236*	*145*			*RCMT 12 04 M0*
		C6	28.0	90°	3	C6-SRDCN-00065-12A	63	65.0	6.0	10	3.0	1.07	RCMT 12 04 M0
			1.102				*2.480*	*2.559*	*.236*	*145*			*RCMT 12 04 M0*
16	.630	C5	35.0	90°	3	C5-SRDCN-00060-16A	50	60.0	8.0	10	6.4	0.59	RCMT 16 06 M0
			1.378				*1.969*	*2.362*	*.315*	*145*			*RCMT 16 06 M0*
		C6	35.0	90°	3	C6-SRDCN-00065-16A	63	65.0	8.0	10	6.4	1.03	RCMT 16 06 M0
			1.378				*2.480*	*2.559*	*.315*	*145*			*RCMT 16 06 M0*
20	.787	C5	40.0	90°	3	C5-SRDCN-00060-20A	50	60.0	10.0	10	9.5	0.60	RCMT 20 06 M0
			1.575				*1.969*	*2.362*	*.394*	*145*			*RCMT 20 06 M0*
		C6	40.0	90°	3	C6-SRDCN-00065-20A	63	65.0	10.0	10	9.5	1.03	RCMT 20 06 M0
			1.575				*2.480*	*2.559*	*.394*	*145*			*RCMT 20 06 M0*

N - Neutral

Spare parts

IC	CZC_{MS}	Screw	Shim	Shim screw	Nozzle
.236	C4	5513 020-03			5691 034-01
.236	C5	5513 020-03			5691 034-02
.315	C4	5513 020-04			5691 034-01
.315	C5	5513 020-04			5691 034-02
.394	C4	5513 020-10	5322 110-01	5512 090-01	5691 034-01
.394	C5-C6	5513 020-10	5322 110-01	5512 090-01	5691 034-02
.472	C4	5513 020-01	5322 110-02	5512 090-01	5691 034-01
.472	C5-C6	5513 020-01	5322 110-02	5512 090-01	5691 034-02
.630	C5-C6	5513 020-26	5322 110-03	5512 090-06	5691 034-02
.787	C5-C6	5513 020-14	5322 110-04	5512 090-08	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

CoroTurn® 107 cutting unit for turning

Screw clamp design

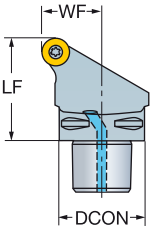
Coromant Capto® - Internal coolant supply







RCMT
RCGX-AL



	IC		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	06	.236	C4	27°	3	C4-SRSCR-27050-06	40	50.0	27.0	10	0.9	0.40	RCMT 06 02 M0
							1.575	*1.969*	*1.063*	*145*			*RCMT 06 02 M0*
			C5	27°	3	C5-SRSCR/L-35060-06	50	60.0	35.0	10	0.9	0.72	RCMT 06 02 M0
							1.969	*2.362*	*1.378*	*145*			*RCMT 06 02 M0*
	08	.315	C4	27°	3	C4-SRSCR/L-27050-08	40	50.0	27.0	10	1.4	0.36	RCMT 08 03 M0
							1.575	*1.969*	*1.063*	*145*			*RCMT 08 03 M0*
			C5	27°	3	C5-SRSCR/L-35060-08	50	60.0	35.0	10	1.4	0.70	RCMT 08 03 M0
							1.969	*2.362*	*1.378*	*145*			*RCMT 08 03 M0*
	10	.394	C3	27°	3	C3-SRSCR-22040-10	32	40.0	22.0	10	3.0	0.22	RCMT 10 T3 M0
							1.260	*1.575*	*.866*	*145*			*RCMT 10 T3 M0*
			C4	27°	3	C4-SRSCR/L-27050-10	40	50.0	27.0	10	3.0	0.41	RCMT 10 T3 M0
							1.575	*1.969*	*1.063*	*145*			*RCMT 10 T3 M0*
			C5	27°	3	C5-SRSCR/L-35060-10	50	60.0	35.0	10	3.0	0.75	RCMT 10 T3 M0
							1.969	*2.362*	*1.378*	*145*			*RCMT 10 T3 M0*
			C6	27°	3	C6-SRSCR/L-45065-10	63	65.0	45.0	10	3.0	1.20	RCMT 10 T3 M0
							2.480	*2.559*	*1.772*	*145*			*RCMT 10 T3 M0*
	12	.472	C4	27°	3	C4-SRSCR/L-27050-12	40	50.0	27.0	10	3.0	0.40	RCMT 12 04 M0
							1.575	*1.969*	*1.063*	*145*			*RCMT 12 04 M0*
			C5	27°	3	C5-SRSCR/L-35060-12	50	60.0	35.0	10	3.0	0.75	RCMT 12 04 M0
							1.969	*2.362*	*1.378*	*145*			*RCMT 12 04 M0*
			C6	27°	3	C6-SRSCR/L-45065-12	63	65.0	45.0	10	3.0	1.24	RCMT 12 04 M0
							2.480	*2.559*	*1.772*	*145*			*RCMT 12 04 M0*
	16	.630	C5	27°	3	C5-SRSCR/L-35060-16	50	60.0	35.0	10	6.4	0.70	RCMT 16 06 M0
							1.969	*2.362*	*1.378*	*145*			*RCMT 16 06 M0*
			C6	27°	3	C6-SRSCR/L-45065-16	63	65.0	45.0	10	6.4	1.27	RCMT 16 06 M0
							2.480	*2.559*	*1.772*	*145*			*RCMT 16 06 M0*
	20	.787	C5	27°	3	C5-SRSCR/L-35060-20	50	60.0	35.0	10	9.5	0.86	RCMT 20 06 M0
							1.969	*2.362*	*1.378*	*145*			*RCMT 20 06 M0*
			C6	27°	3	C6-SRSCR/L-45065-20	63	65.0	45.0	10	9.5	1.31	RCMT 20 06 M0
							2.480	*2.559*	*1.772*	*145*			*RCMT 20 06 M0*

R = Right hand, L = Left hand

			Spare parts			
IC		CZC$_{MS}$	Screw	Shim	Shim screw	Nozzle
06	.236	C4	5513 020-03			5691 034-01
06	.236	C5	5513 020-03			5691 034-02
08	.315	C4	5513 020-04			5691 034-01
08	.315	C5	5513 020-04			5691 034-02
10	.394	C3-C4	5513 020-10	5322 110-01	5512 090-01	5691 034-01
10	.394	C5-C6	5513 020-10	5322 110-01	5512 090-01	5691 034-02
12	.472	C4	5513 020-01	5322 110-02	5512 090-01	5691 034-01
12	.472	C5-C6	5513 020-01	5322 110-02	5512 090-01	5691 034-02
16	.630	C5-C6	5513 020-26	5322 110-03	5512 090-06	5691 034-02
20	.787	C5-C6	5513 020-14	5322 110-04	5512 090-08	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

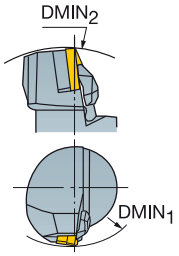
CoroTurn® 107 cutting unit for turning

Screw clamp design

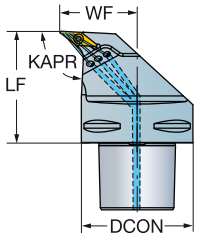
Coromant Capto® - Precision coolant supply



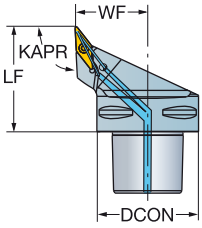
KAPR
PSIR



Cx-SVUBR/L..HP
93.0°
-3.0°



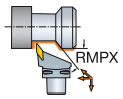
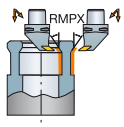
Cx-SVJBR/L..HP
93.0°
-3.0°





VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

									Dimensions, mm, inch						
			CZC_{MS}	$DMIN_1$	$DMIN_2$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	11	1/4	C3		116.0	50°	3	C3-SVJBR/L2204011HPAB1	32	40.0	22.0	150	0.9	0.19	VBMT 11 03 04
					4.567				*1.260*	*1.575*	*.866*	*2175*			*VBMT 221*
			C4	105.0	140.0	50°	3	C4-SVJBR/L2705011HPAB1	40	50.0	27.0	150	0.9	0.38	VBMT 11 03 04
				4.134	*5.512*				*1.575*	*1.969*	*1.063*	*2175*			*VBMT 221*
	16	3/8	C4		140.0	50°	3	C4-SVJBR/L-27050-16HP	40	50.0	27.0	150	3.0	0.40	VBMT 16 04 08
					5.512				*1.575*	*1.969*	*1.063*	*2175*			*VBMT 332*
			C4		140.0	50°	3	C4-SVJBR/L-27050-16HPA	40	50.0	27.0	150	3.0	0.38	VBMT 16 04 08
					5.512				*1.575*	*1.969*	*1.063*	*2175*			*VBMT 332*
			C5		200.0	50°	3	C5-SVJBR/L-35060-16HP	50	60.0	35.0	150	3.0	0.71	VBMT 16 04 08
					7.874				*1.969*	*2.362*	*1.378*	*2175*			*VBMT 332*
			C5		165.0	50°	3	C5-SVJBR/L-35060-16HPA	50	60.0	35.0	150	3.0	0.70	VBMT 16 04 08
					6.496				*1.969*	*2.362*	*1.378*	*2175*			*VBMT 332*
			C6		200.0	50°	3	C6-SVJBR/L-45065-16HP	63	65.0	45.0	150	3.0	1.27	VBMT 16 04 08
					7.874				*2.480*	*2.559*	*1.772*	*2175*			*VBMT 332*
			C6		190.0	50°	3	C6-SVJBR/L-45065-16HPA	63	65.0	45.0	150	3.0	1.15	VBMT 16 04 08
					7.480				*2.480*	*2.559*	*1.772*	*2175*			*VBMT 332*
			C8		240.0	50°	3	C8-SVJBR/L-55080-16HP	80	80.0	55.0	150	3.0	2.51	VBMT 16 04 08
					9.449				*3.150*	*3.150*	*2.165*	*2175*			*VBMT 332*
	16	3/8	C6	85.0		0°	3	C6-SVUBR/L-45065-16HP	63	65.0	45.0	150	3.0	1.41	VBMT 16 04 08
				3.346					*2.480*	*2.559*	*1.772*	*2175*			*VBMT 332*
			C8	100.0		0°	3	C8-SVUBR/L-55080-16HP	80	80.0	55.0	150	3.0	2.79	VBMT 16 04 08
				3.937					*3.150*	*3.150*	*2.165*	*2175*			*VBMT 332*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Insert screw	Shim	Shim screw	Nozzle
C3-SVJBR/L2204011HPAB1	5513 020-03			5691 026-03
C4-SVJBR/L2705011HPAB1	5513 020-03			5691 026-03
C4-SVJBR/L-27050-16HP	5513 020-01	5322 270-01	5512 090-01	5691 026-13
C4-SVJBR/L-27050-16HPA	5513 020-01	5322 270-01	5512 090-01	5691 026-03
C5-SVJBR/L-35060-16HP	5513 020-01	5322 270-01	5512 090-01	5691 026-13
C5-SVJBR/L-35060-16HPA	5513 020-01	5322 270-01	5512 090-01	5691 026-03
C6-SVJBR/L-45065-16HP	5513 020-01	5322 270-01	5512 090-01	5691 026-13
C6-SVJBR/L-45065-16HPA	5513 020-01	5322 270-01	5512 090-01	5691 026-03
C6-SVUBR/L-45065-16HP	5513 020-01	5322 270-01	5512 090-01	5691 026-03
C8-SVJBR/L-55080-16HP	5513 020-01	5322 270-01	5512 090-01	5691 026-13
C8-SVUBR/L-55080-16HP	5513 020-01	5322 270-01	5512 090-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


E3


G2



H37



H10



H5

SANDVIK Coromant

CoroTurn® 107 cutting unit for turning

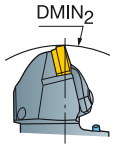
Screw clamp design

Coromant Capto® - Precision coolant supply

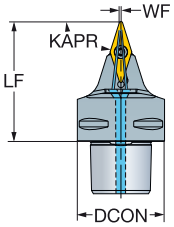




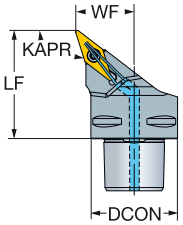
KAPR
PSIR



Cx-SVVBN..HPA
72.5°
17.5°

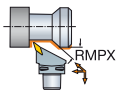
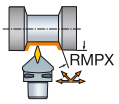


Cx-SVHBR/L..HPA
107.5°
-17.5°



VBMT, VBGT
VCGX,
VCGT, VCET

VBMW, VCMW

								Dimensions, mm, inch						
											BAR PSI	NM	KG	
	IC		CZC_{MS}	$DMIN_2$	RMPX	CNSC	Ordering code	DCON	LF	WF				MIID
	16	3/8	C4	140.0	35°	3	C4-SVHBR/L-27050-16HPA	40	50.0	27.0	150	3.0	0.38	VBMT 16 04 08
				5.512				*1.575*	*1.969*	*1.063*	*2175*			*VBMT 332*
			C5	165.0	35°	3	C5-SVHBR/L-35060-16HPA	50	60.0	35.0	150	3.0	0.70	VBMT 16 04 08
				6.496				*1.969*	*2.362*	*1.378*	*2175*			*VBMT 332*
			C6	190.0	35°	3	C6-SVHBR/L-45065-16HPA	63	65.0	45.0	150	3.0	1.17	VBMT 16 04 08
				7.480				*2.480*	*2.559*	*1.772*	*2175*			*VBMT 332*
	16	3/8	C4	140.0	70°	3	C4-SVVBN-00055-16HPA	40	55.0	0.6	150	3.0	0.38	VBMT 16 04 08
				5.512				*1.575*	*2.165*	*.023*	*2175*			*VBMT 332*
			C5	165.0	70°	3	C5-SVVBN-00060-16HPA	50	60.0	0.6	150	3.0	0.60	VBMT 16 04 08
				6.496				*1.969*	*2.362*	*.024*	*2175*			*VBMT 332*
			C6	190.0	70°	3	C6-SVVBN-00065-16HPA	63	65.0	0.6	150	3.0	0.99	VBMT 16 04 08
				7.480				*2.480*	*2.559*	*.024*	*2175*			*VBMT 332*

DMIN2 valid in combination with clamping unit R/LC2090.

N = Neutral, R = Right hand, L = Left hand

Spare parts			
Insert screw	Shim	Shim screw	Nozzle
5513 020-01	5322 270-01	5512 090-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

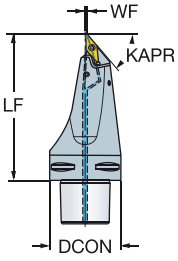
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

KAPR	50.0°
PSIR	40.0°

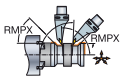






VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

							Dimensions, mm, inch					
										BAR PSI	NM	KG	
			CZC_{MS}	RMPX	CNSC	**Ordering code**	DCON	LF	WF				MIID
	16	3/8	C6	90°	3	**C6-SVMBR/L-00130-16HP**	63	130.0	1.2	150	3.0	1.96	VBMT 16 04 08
							2.480	*5.118*	*.049*	*2175*			*VBMT 332*

R = Right hand, L = Left hand

Spare parts			
Insert screw	Shim	Shim screw	Nozzle
5513 020-01	5322 270-01	5512 090-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

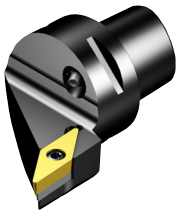
SANDVIK Coromant

CoroTurn® 107 cutting unit for turning

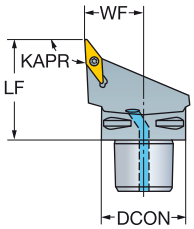
Screw clamp design

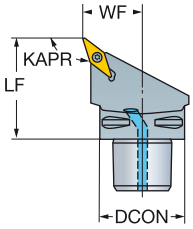
Coromant Capto® - Internal coolant supply

	Cx-SVJBR/L	Cx-SVHBR/L
KAPR	93.0°	107.5°
PSIR	-3.0°	-17.5°



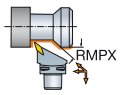






VBMT, VBGT
VCGX,
VCGT, VCET

VBMW, VCMW

	IC	CZC_{MS}	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	11	1/4	C3	3	C3-SVHBR/L-22040-11	32	40.0	22.0	10	0.9	0.20	VBMT 11 02 04
						1.260	*1.575*	*.866*	*145*			*VBMT 2(1.5)1*
			C3	3	C3-SVHBR/L-22040-11-B1	32	40.0	22.0	10	0.9	0.20	VBMT 11 03 04
						1.260	*1.575*	*.866*	*145*			*VBMT 221*
			C4	3	C4-SVHBR/L-27050-11	40	50.0	27.0	10	0.9	0.40	VBMT 11 02 04
						1.575	*1.969*	*1.063*	*145*			*VBMT 2(1.5)1*
			C4	3	C4-SVHBR/L-27050-11-B1	40	50.0	27.0	10	0.9	0.40	VBMT 11 03 04
						1.575	*1.969*	*1.063*	*145*			*VBMT 221*
			C5	3	C5-SVHBR/L-35060-11	50	60.0	35.0	10	0.9	0.74	VBMT 11 02 04
						1.969	*2.362*	*1.378*	*145*			*VBMT 2(1.5)1*
	16	3/8	C4	3	C4-SVHBR/L-27050-16	40	50.0	27.0	10	3.0	0.38	VBMT 16 04 08
						1.575	*1.969*	*1.063*	*145*			*VBMT 332*
			C5	3	C5-SVHBR/L-35060-16	50	60.0	35.0	10	3.0	0.70	VBMT 16 04 08
						1.969	*2.362*	*1.378*	*145*			*VBMT 332*
			C6	3	C6-SVHBR/L-45065-16	63	65.0	45.0	10	3.0	1.12	VBMT 16 04 08
						2.480	*2.559*	*1.772*	*145*			*VBMT 332*
	11	1/4	C3	50°	3	C3-SVJBR/L-22040-11	32	40.0	22.0	10	0.9	0.19	VBMT 11 02 04
							1.260	*1.575*	*.866*	*145*			*VBMT 2(1.5)1*
			C3	50°	3	C3-SVJBR/L-22040-11-B1	32	40.0	22.0	10	0.9	0.20	VBMT 11 03 04
							1.260	*1.575*	*.866*	*145*			*VBMT 221*
			C4	50°	3	C4-SVJBR/L-27050-11	40	50.0	27.0	10	0.9	0.38	VBMT 11 02 04
							1.575	*1.969*	*1.063*	*145*			*VBMT 2(1.5)1*
			C4	50°	3	C4-SVJBR/L-27050-11-B1	40	50.0	27.0	10	0.9	0.38	VBMT 11 03 04
							1.575	*1.969*	*1.063*	*145*			*VBMT 221*
			C5	50°	3	C5-SVJBR/L-35060-11	50	60.0	35.0	10	0.9	0.74	VBMT 11 02 04
							1.969	*2.362*	*1.378*	*145*			*VBMT 2(1.5)1*
	16	3/8	C4	50°	3	C4-SVJBR/L-27050-16	40	50.0	27.0	10	3.0	0.35	VBMT 16 04 08
							1.575	*1.969*	*1.063*	*145*			*VBMT 332*
			C5	50°	3	C5-SVJBR/L-35060-16	50	60.0	35.0	10	3.0	0.70	VBMT 16 04 08
							1.969	*2.362*	*1.378*	*145*			*VBMT 332*
			C6	50°	3	C6-SVJBR/L-45065-16	63	65.0	45.0	10	3.0	1.11	VBMT 16 04 08
							2.480	*2.559*	*1.772*	*145*			*VBMT 332*

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").

R = Right hand, L = Left hand

		Spare parts			
IC	CZC_{MS}	Screw	Shim	Shim screw	Nozzle
1/4	C3-C4	5513 020-03			5691 034-01
1/4	C5	5513 020-03			5691 034-02
3/8	C4	5513 020-01	5322 270-01	5512 090-01	5691 034-01
3/8	C5-C6	5513 020-01	5322 270-01	5512 090-01	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

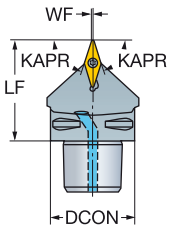
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

KAPR 72.5°
PSIR 17.5°







VBMT, VBGT
VCGX,
VCGT, VCET

VBMW, VCMW

							Dimensions, mm, inch						
										BAR PSI	NM	KG	
		IC	CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF				MIID
	11	1/4	C3	70°	3	C3-SVVBN-00040-11-B1	32	40.0	0.3	10	0.9	0.18	VBMT 11 03 04
							1.260	*1.575*	*.012*	*145*			*VBMT 221*
	16	3/8	C4	70°	3	C4-SVVBN-00050-16	40	50.0	0.6	10	3.0	0.36	VBMT 16 04 08
							1.575	*1.969*	*.024*	*145*			*VBMT 332*
			C5	70°	3	C5-SVVBN-00060-16	50	60.0	0.6	10	3.0	0.56	VBMT 16 04 08
							1.969	*2.362*	*.024*	*145*			*VBMT 332*
			C6	70°	3	C6-SVVBN-00065-16	63	65.0	0.6	10	3.0	1.00	VBMT 16 04 08
							2.480	*2.559*	*.024*	*145*			*VBMT 332*

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").

N = Neutral

			Spare parts			
	IC	CZC_{MS}	Screw	Shim	Shim screw	Nozzle
11	1/4	C3	5513 020-03			5691 034-01
16	3/8	C4	5513 020-01	5322 270-01	5512 090-01	5691 034-01
16	3/8	C5-C6	5513 020-01	5322 270-01	5512 090-01	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

CoroTurn® 107 cutting unit for turning

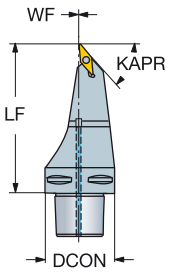
Screw clamp design

Coromant Capto® - Internal coolant supply

KAPR 50.0°
PSIR 40.0°

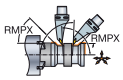






VBMT, VBGT
VCGX,
VCGT, VCET

VBMW, VCMW

	IC	CZC$_{MS}$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	16 3/8	C5	90°	3	C5-SVMBL-00115-16	50	115.0	1.2	10	3.0	1.00	VBMT 16 04 08
						1.969	*4.528*	*.049*	*145*			*VBMT 332*
		C6	90°	3	C6-SVMBL-00130-16	63	130.0	1.2	10	3.0	1.77	VBMT 16 04 08
						2.480	*5.118*	*.049*	*145*			*VBMT 332*
		C6	47°	3	C6-SVMBL-33120-16	63	120.0	32.9	10	3.0	1.96	VBMT 16 04 08
						2.480	*4.724*	*1.295*	*145*			*VBMT 332*

L = Left hand

Spare parts			
Screw	Shim	Shim screw	Nozzle
5513 020-01	5322 270-01	5512 090-01	5691 034-02

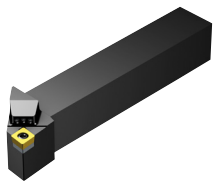
For the complete list of spare parts, visit www.sandvik.coromant.com

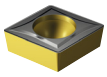
A36 F2 E3 G2 H37 H10 H5

CoroTurn® 107 shank tool for turning

Screw clamp design

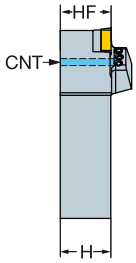
Precision coolant supply

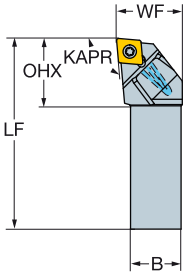




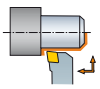
CCMT

KAPR 95.0°
PSIR -5.0°

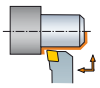




Metric version

		CZC$_{MS}$	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CNT	BAR	NM	KG	MIID
	09	16 x 16	26.5	1	SCLCR/L 1616H 09HP	16.0	16.0	100.0	20.0	16.0	G1/8	275	3.0	0.24	CCMT 09 T3 08
		20 x 20	26.5	1	SCLCR/L 2020K 09HP	20.0	20.0	125.0	25.0	20.0	G1/8	275	3.0	0.42	CCMT 09 T3 08
		25 x 25	26.5	1	SCLCR/L 2525M 09HP	25.0	25.0	150.0	32.0	25.0	G1/8	275	3.0	0.76	CCMT 09 T3 08

Inch version

	IC	CZC$_{MS}$	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	5/8 x 5/8	1.043	1	SCLCR/L 10 3HP	.625	.625	4.000	.750	.625	G1/8	3988	2.2	0.514	CCMT 3(2.5)2
		3/4 x 3/4	1.043	1	SCLCR/L 12 3BHP	.750	.750	4.500	1.000	.750	G1/8	3988	2.2	0.769	CCMT 3(2.5)2
		1 x 1	1.043	1	SCLCR/L 16 3DHP	1.000	1.000	6.000	1.250	1.000	G1/8	3988	2.2	1.705	CCMT 3(2.5)2

R = Right hand, L = Left hand

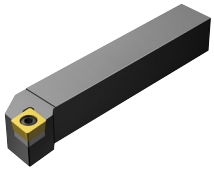
Spare parts			
Screw	Shim	Shim screw	Nozzle
5513 020-01	5322 232-01	5512 090-01	5691 026-13

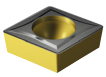
For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® 107 shank tool for turning

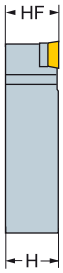
Screw clamp design

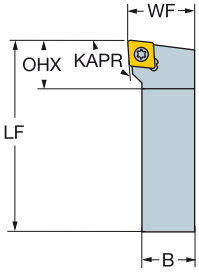
KAPR 95.0°
PSIR -5.0°



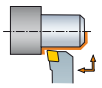


CCMT

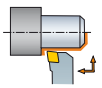




Metric version

					Dimensions, mm							
		CZC_{MS}	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	09	16 x 16	16.8	SCLCR/L 1616H 09	16.0	16.0	100.0	20.0	16.0	3.0	0.23	CCMT 09 T3 08
		20 x 20	17.8	SCLCR/L 2020K 09	20.0	20.0	125.0	25.0	20.0	3.0	0.42	CCMT 09 T3 08
	12	20 x 20	21.7	SCLCR/L 2020K 12	20.0	20.0	125.0	25.0	20.0	3.0	0.43	CCMT 12 04 08
		25 x 25	23.7	SCLCR/L 2525M 12	25.0	25.0	150.0	32.0	25.0	3.0	0.80	CCMT 12 04 08

Inch version

					Dimensions, inch							
	IC	CZC_{MS}	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	5/8 x 5/8	.630	SCLCR/L 10 3	.625	.625	4.000	.750	.625	2.2	0.502	CCMT 3(2.5)2
		3/4 x 3/4	.634	SCLCR/L 12 3B	.750	.750	4.500	1.000	.750	2.2	0.775	CCMT 3(2.5)2
		1 x 1	.740	SCLCR/L 16 3D	1.000	1.000	6.000	1.250	1.000	2.2	1.760	CCMT 3(2.5)2
	1/2	1 x 1	.894	SCLCR/L 16 4D	1.000	1.000	6.000	1.250	1.000	2.2	1.760	CCMT 432
		1 1/4 x 1 1/4	.894	SCLCR/L 20 4D	1.250	1.250	6.000	1.500	1.250	2.2	2.713	CCMT 432

R = Right hand, L = Left hand

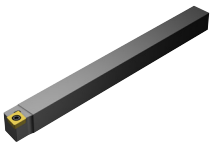
		Spare parts		
	IC	Screw	Shim	Shim screw
09	3/8	5513 020-01	5322 232-01	5512 090-01
12	1/2	5513 020-18	5322 232-02	5512 090-03

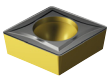
For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 H37 H10

CoroTurn® 107 shank tool for turning

Screw clamp design

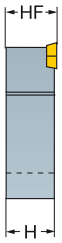




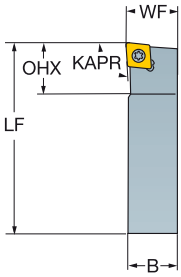
CCMT, CCGT
CCGX, CCET

CCMW

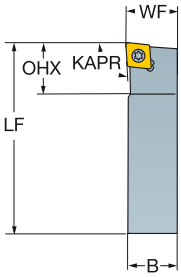
KAPR
PSIR



SCACR/L-S
90.0°
0.0°



SCLCR/L-S
95.0°
-5.0°



Metric version

				Dimensions, mm							
	CZC_{MS}	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	09	16 x 16	16.0	**SCACR/L 1616K 09-S**	16.0	16.0	125.0	16.0	16.0	3.0	0.28	CCMT 09 T3 08
	06	16 x 16	16.0	**SCLCR/L 1616K 06-S**	16.0	16.0	125.0	16.0	16.0	0.9	0.27	CCMT 06 02 04
	09	16 x 16	16.0	**SCLCR/L 1616K 09-S**	16.0	16.0	125.0	16.0	16.0	3.0	0.27	CCMT 09 T3 08

R = Right hand, L = Left hand

		Spare parts
	CZC_{MS}	Screw
06	16 x 16	5513 020-03
09	16 x 16	5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

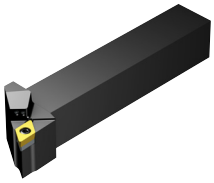
A36 F2 E3 H37 H10

SANDVIK Coromant

CoroTurn® 107 shank tool for turning

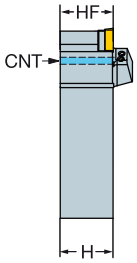
Screw clamp design

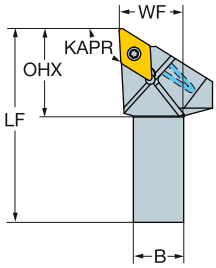
Precision coolant supply





KAPR 93.0°
PSIR -3.0°





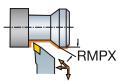
DCMT, DCMX
DCGT, DCGX, DCET

DCMW

Metric version

		CZC$_{MS}$	RMPX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CNT	BAR	NM	KG	MIID
	11	16 x 16	27°	28.0	1	**SDJCR/L 1616H 11HP**	16.0	16.0	100.0	20.0	16.0	G1/8	275	3.0	0.24	DCMT 11 T3 08
		20 x 20	27°	28.0	1	**SDJCR/L 2020K 11HP**	20.0	20.0	125.0	25.0	20.0	G1/8	275	3.0	0.42	DCMT 11 T3 08
		25 x 25	27°	28.0	1	**SDJCR/L 2525M 11HP**	25.0	25.0	150.0	32.0	25.0	G1/8	275	3.0	0.75	DCMT 11 T3 08
		32 x 25	27°	28.0	1	**SDJCR/L 3225P 11HP**	25.0	32.0	170.0	32.0	32.0	G1/8	275	3.0	1.06	DCMT 11 T3 08

Inch version

		CZC$_{MS}$	RMPX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	5/8 x 5/8	27°	1.102	1	**SDJCR/L 10 3HP**	.625	.625	4.000	.750	.625	G1/8	3988	2.2	0.535	DCMT 3(2.5)2
		3/4 x 3/4	27°	1.102	1	**SDJCR/L 12 3BHP**	.750	.750	4.500	1.000	.750	G1/8	3988	2.2	0.778	DCMT 3(2.5)2
		1 x 1	27°	1.102	1	**SDJCR/L 16 3CHP**	1.000	1.000	5.000	1.250	1.000	G1/8	3988	2.2	1.435	DCMT 3(2.5)2

R = Right hand, L = Left hand

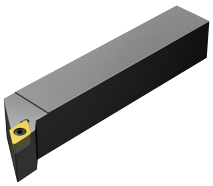
Spare parts			
Screw	Shim	Shim screw	Nozzle
5513 020-01	5322 263-01	5512 090-01	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

CoroTurn® 107 shank tool for turning

Screw clamp design

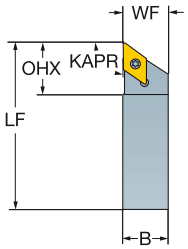




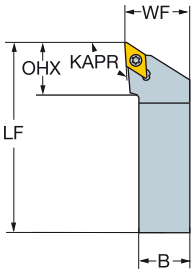
KAPR
PSIR



SDJCR/L-S
93.0°
-3.0°



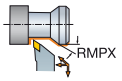
SDJCR/L
93.0°
-3.0°



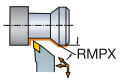
DCMT, DCMX
DCGT, DCGX, DCET

DCMW

Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	07	16 x 16	27°	16.0	**SDJCR/L 1616H 07**	16.0	16.0	100.0	20.0	16.0	0.9	0.21	DCMT 07 02 04
		20 x 20	27°	17.4	**SDJCR/L 2020K 07**	20.0	20.0	125.0	25.0	20.0	0.9	0.40	DCMT 07 02 04
	11	16 x 16	27°	20.3	**SDJCR/L 1616H 11**	16.0	16.0	100.0	20.0	16.0	3.0	0.22	DCMT 11 T3 08
		20 x 20	27°	21.9	**SDJCR/L 2020K 11**	20.0	20.0	125.0	25.0	20.0	3.0	0.42	DCMT 11 T3 08
		25 x 25	27°	24.4	**SDJCR/L 2525M 11**	25.0	25.0	150.0	32.0	25.0	3.0	0.75	DCMT 11 T3 08
		16 x 16	27°	20.0	**SDJCR/L 1616K 11-S**	16.0	16.0	125.0	16.0	16.0	3.0	0.27	DCMT 11 T3 08

Inch version

	IC	CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	27°	.878	**SDJCR/L 12 3B**	.750	.750	4.500	1.000	.750	2.2	0.704	DCMT 3(2.5)2
		1 x 1	27°	.949	**SDJCR/L 16 3D**	1.000	1.000	6.000	1.250	1.000	2.2	1.760	DCMT 3(2.5)2

R = Right hand, L = Left hand

	Spare parts		
Ordering code	Screw	Shim	Shim screw
SDJCR/L 1616H 07	5513 020-03		
SDJCR/L 2020K 07	5513 020-03		
SDJCR/L 12 3B	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 16 3D	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 1616H 11	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 1616K 11-S	5513 020-09		
SDJCR/L 2020K 11	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 2525M 11	5513 020-01	5322 263-01	5512 090-01

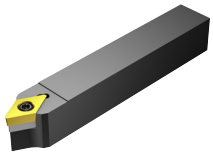
For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 H37 H10

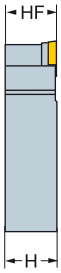
CoroTurn® 107 shank tool for turning

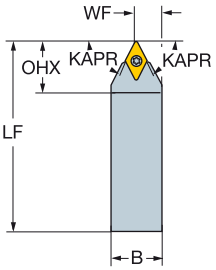
Screw clamp design

KAPR 62.5°
PSIR 27.5°





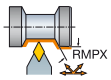




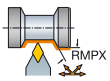
DCMT, DCMX
DCGT, DCGX, DCET

DCMW

Metric version

	IC	CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	11	16 x 16	57°	21.9	**SDNCN 1616H 11**	16.0	16.0	100.0	8.5	16.0	3.0	0.20	DCMT 11 T3 08
		20 x 20	57°	21.9	**SDNCN 2020K 11**	20.0	20.0	125.0	10.5	20.0	3.0	0.40	DCMT 11 T3 08
		25 x 25	57°	22.2	**SDNCN 2525M 11**	25.0	25.0	150.0	13.0	25.0	3.0	0.71	DCMT 11 T3 08

Inch version

	IC	CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	57°	.862	**SDPCN 12 3B**	.750	.750	4.500	.404	.750	2.2	0.720	DCMT 3(2.5)2
		1 x 1	57°	.890	**SDPCN 16 3C**	1.000	1.000	5.000	.529	1.000	2.2	1.364	DCMT 3(2.5)2

N = Neutral

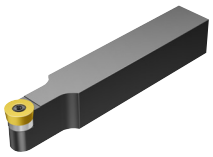
Spare parts		
Screw	Shim	Shim screw
5513 020-01	5322 263-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 H37 H10

CoroTurn® 107 shank tool for turning

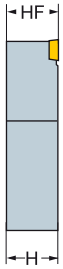
Screw clamp design

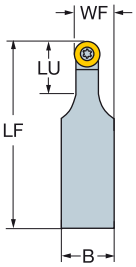




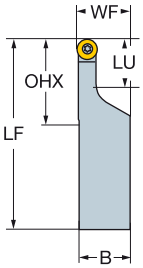
RCMT
RCGX-AL

SRDCN





SRDCR/L



Metric version

		CZC_{MS}	LU	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	08	16 x 16	16.0	90°	16.0	**SRDCN 1616H 08**	16.0	16.0	100.0	12.0	16.0	1.4	0.17	RCMT 08 03 M0
	10	20 x 20	25.0	90°	25.0	**SRDCN 2020K 10-A**	20.0	20.0	125.0	15.0	20.0	3.0	0.40	RCMT 10 T3 M0
		25 x 25	25.0	90°	25.0	**SRDCN 2525M 10-A**	25.0	25.0	150.0	17.5	25.0	3.0	0.66	RCMT 10 T3 M0
		32 x 25	28.0	90°	28.0	**SRDCN 3225P 10-A**	25.0	32.0	170.0	17.5	32.0	3.0	1.00	RCMT 10 T3 M0
	12	20 x 20	25.0	90°	25.0	**SRDCN 2020K 12-A**	20.0	20.0	125.0	16.0	20.0	3.0	0.40	RCMT 12 04 M0
		25 x 25	28.0	90°	28.0	**SRDCN 2525M 12-A**	25.0	25.0	150.0	18.5	25.0	3.0	0.68	RCMT 12 04 M0
		32 x 25	28.0	90°	28.0	**SRDCN 3225P 12-A**	25.0	32.0	170.0	18.5	32.0	3.0	1.00	RCMT 12 04 M0
	16	25 x 25	35.0	90°	35.0	**SRDCN 2525M 16-A**	25.0	25.0	150.0	20.5	32.0	6.4	0.64	RCMT 16 06 M0
		32 x 25	35.0	90°	35.0	**SRDCN 3225P 16-A**	25.0	32.0	170.0	20.5	32.0	6.4	1.00	RCMT 16 06 M0
	20	32 x 32	40.0	90°	40.0	**SRDCN 3232P 20-A**	32.0	32.0	170.0	26.0	32.0	9.5	1.24	RCMT 20 06 M0
	05	32 x 25	20.0	90°	35.0	**SRDCR/L 3225P 05-A**	25.0	32.0	170.0	25.5	32.0	0.9	1.00	RCMT 05 02 M0
	06	20 x 20	20.0	90°	32.0	**SRDCR/L 2020K 06-A**	20.0	20.0	125.0	20.5	20.0	0.9	0.35	RCMT 06 02 M0
		32 x 25	20.0	90°	35.0	**SRDCR/L 3225P 06-A**	25.0	32.0	170.0	25.5	32.0	0.9	1.00	RCMT 06 02 M0
	08	20 x 20	20.0	90°	32.0	**SRDCR/L 2020K 08-A**	20.0	20.0	125.0	20.5	20.0	1.4	0.36	RCMT 08 03 M0
		25 x 25	20.0	90°	35.0	**SRDCR/L 2525M 08-A**	25.0	25.0	150.0	25.5	25.0	1.4	0.68	RCMT 08 03 M0
		32 x 25	20.0	90°	35.0	**SRDCR/L 3225P 08-A**	25.0	32.0	170.0	25.5	32.0	1.4	1.00	RCMT 08 03 M0

N = Neutral, R = Right hand, L = Left hand

	Spare parts		
CZC_{MS}	Screw	Shim	Shim screw
05 32 x 25	5513 020-05		
06 20 x 20-32 x 25	5513 020-03		
08 16 x 16-32 x 25	5513 020-04		
10 20 x 20-32 x 25	5513 020-10	5322 110-01	5512 090-01
12 20 x 20-32 x 25	5513 020-01	5322 110-02	5512 090-01
16 25 x 25-32 x 25	5513 020-26	5322 110-03	5512 090-06
20 32 x 32	5513 020-14	5322 110-04	5512 090-08

For the complete list of spare parts, visit www.sandvik.coromant.com

 A36

 F2

 E3



H37

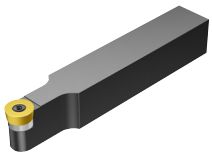


H10

SANDVIK Coromant

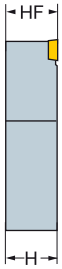
CoroTurn® 107 shank tool for turning

Screw clamp design

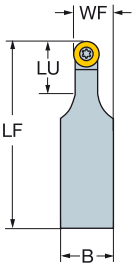




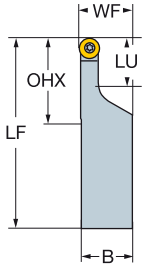
RCMT
RCGX-AL



SRDCN



SRACR/L



Inch version

	IC	CZC_{MS}	LU	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	1/4	1 x 1	1.000	90°	1.000	**SRACR/L 16 2D**	1.000	1.000	6.000	1.075	1.000	0.7	1.452	RCMT 22
		1 1/4 x 1 1/4	1.000	90°	1.000	**SRACR/L 20 2D**	1.250	1.250	6.000	1.325	1.250	0.7	2.156	RCMT 22
	3/8	1 x 1	1.000	90°	1.000	**SRACR/L 16 3D**	1.000	1.000	6.000	1.075	1.000	1.0	1.485	RCMT 3(2.5)
		1 1/4 x 1 1/4	1.000	90°	1.000	**SRACR/L 20 3D**	1.250	1.250	6.000	1.325	1.250	1.0	2.237	RCMT 3(2.5)
	1/2	1 x 1	1.000	90°	1.000	**SRACR/L 16 4D**	1.000	1.000	6.000	1.075	1.000	2.2	1.489	RCMT 43
		1 1/4 x 1 1/4	1.000	90°	1.000	**SRACR/L 20 4D**	1.250	1.250	6.000	1.325	1.250	2.2	2.317	RCMT 43
	3/8	5/8 x 5/8	.625	90°	.774	**SRDCN 10 3**	.625	.625	4.000	.497	.625	1.0	0.429	RCMT 3(2.5)

N = Neutral, R = Right hand, L = Left hand

		Spare parts	
IC	CZC_{MS}	Screw	Shim
1/4	1 x 1-1 1/4 x 1 1/4	5513 020-03	
3/8	5/8 x 5/8-1 1/4 x 1 1/4	5513 020-12	5322 120-01
1/2	1 x 1-1 1/4 x 1 1/4	5513 020-13	5322 120-02

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


E3



H37

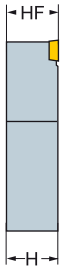


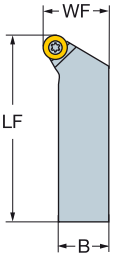
H10

CoroTurn® 107 shank tool for turning

Screw clamp design

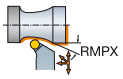




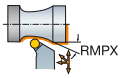


RCMT
RCGX-AL

Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	05	32 x 25	27°	32.0	SRSCR/L 3225P 05	25.0	32.0	170.0	32.0	32.0	0.9	1.01	RCMT 05 02 M0
	06	32 x 25	27°	32.0	SRSCR/L 3225P 06	25.0	32.0	170.0	32.0	32.0	0.9	1.01	RCMT 06 02 M0
	08	32 x 25	27°	32.0	SRSCR/L 3225P 08	25.0	32.0	170.0	32.0	32.0	1.4	1.02	RCMT 08 03 M0
	10	20 x 20	27°	24.4	SRSCR/L 2020K 10	20.0	20.0	125.0	25.0	20.0	3.0	0.42	RCMT 10 T3 M0
		25 x 25	27°	28.0	SRSCR/L 2525M 10	25.0	25.0	150.0	32.0	25.0	3.0	0.80	RCMT 10 T3 M0
	12	25 x 25	27°	28.0	SRSCR/L 2525M 12	25.0	25.0	150.0	32.0	25.0	3.0	0.80	RCMT 12 04 M0
		32 x 25	27°	32.0	SRSCR/L 3225P 12	25.0	32.0	170.0	32.0	32.0	3.0	1.05	RCMT 12 04 M0
	16	32 x 25	27°	32.0	SRSCR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	6.4	1.07	RCMT 16 06 M0
	20	32 x 32	27°	32.0	SRSCR/L 3232P 20	32.0	32.0	170.0	40.0	32.0	9.5	1.30	RCMT 20 06 M0

Inch version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	27°	.984	SRGCR/L 12 3B	.750	.750	4.500	1.000	.750	1.0	0.792	RCMT 3(2.5)
		1 x 1	27°	1.332	SRGCR/L 16 3D	1.000	1.000	6.000	1.250	1.000	1.0	1.760	RCMT 3(2.5)
	1/2	1 x 1	27°	1.332	SRGCR/L 16 4C	1.000	1.000	5.000	1.250	1.000	2.2	1.452	RCMT 43
		1 x 1	27°	1.332	SRGCR/L 16 4D	1.000	1.000	6.000	1.250	1.000	2.2	1.639	RCMT 43
		1 1/4 x 1 1/4	27°	1.250	SRGCR/L 20 4D	1.250	1.250	6.000	1.500	1.250	2.2	2.473	RCMT 43
	3/4	1 1/4 x 1 1/4	27°	1.250	SRGCR/L 20 6D	1.250	1.250	6.000	1.500	1.250	5.2	2.508	RCMT 64

R = Right hand, L = Left hand

Metric version

	Spare parts		
CZC$_{MS}$	Screw	Shim	Shim screw
32 x 25	5513 020-05		
32 x 25	5513 020-03		
32 x 25	5513 020-04		
20 x 20-25 x 25	5513 020-10	5322 110-01	5512 090-01
25 x 25-32 x 25	5513 020-01	5322 110-02	5512 090-01
32 x 25	5513 020-26	5322 110-03	5512 090-06
32 x 32	5513 020-14	5322 110-04	5512 090-08

Inch version

	Spare parts	
CZC$_{MS}$	Screw	Shim
3/4 x 3/4-1 x 1	5513 020-12	5322 120-01
1 x 1-1 1/4 x 1 1/4	5513 020-13	5322 120-02
1 1/4 x 1 1/4	5513 020-14	5322 120-03

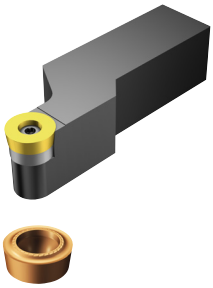
For the complete list of spare parts, visit www.sandvik.coromant.com

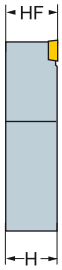
A36 F2 E3 H37 H10

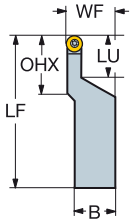
SANDVIK Coromant

CoroTurn® 107 shank tool for turning

Screw clamp design







RCMT
RCGX-AL

Inch version

	IC	CZC_{MS}	LU	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	1/4	1 x 1	.750	90°	1.113	**SRSCR/L 16 2D**	1.000	1.000	6.000	1.250	1.000	0.7	1.452	RCMT 22
		1 1/4 x 1 1/4	.750	90°	1.113	**SRSCR/L 20 2D**	1.250	1.250	6.000	1.500	1.250	0.7	2.380	RCMT 22
	3/8	3/4 x 3/4	.750	90°	1.082	**SRSCR 12 3B**	.750	.750	4.500	1.000	.750	1.0	0.704	RCMT 3(2.5)
		1 x 1	1.000	90°	1.332	**SRSCR/L 16 3C**	1.000	1.000	5.000	1.250	1.000	1.0	1.296	RCMT 3(2.5)
		1 x 1	1.000	90°	1.332	**SRSCR/L 16 3D**	1.000	1.000	6.000	1.250	1.000	1.0	1.760	RCMT 3(2.5)
		1 1/4 x 1 1/4	1.000	90°	1.332	**SRSCR/L 20 3D**	1.250	1.250	6.000	1.500	1.250	1.0	2.244	RCMT 3(2.5)
	1/2	1 x 1	1.000	90°	1.446	**SRSCR/L 16 4D**	1.000	1.000	6.000	1.250	1.000	2.2	1.760	RCMT 43
		1 1/4 x 1 1/4	1.000	90°	1.446	**SRSCR/L 20 4D**	1.250	1.250	6.000	1.500	1.250	2.2	2.244	RCMT 43
		1 1/2 x 1 1/2	1.000	90°	1.446	**SRSCR 24 4D**	1.500	1.500	6.000	2.000	1.500	2.2	3.234	RCMT 43
		1 1/2 x 1 1/2	1.000	90°	1.446	**SRSCR/L 24 4E**	1.500	1.500	7.000	2.000	1.500	2.2	3.960	RCMT 43
	3/4	1 1/4 x 1 1/4	1.000	90°	1.663	**SRSCR/L 20 6D**	1.250	1.250	6.000	1.500	1.250	5.2	2.440	RCMT 64

R = Right hand, L = Left hand

		Spare parts	
IC	CZC_{MS}	Screw	Shim
1/4	1 x 1-1 1/4 x 1 1/4	5513 020-03	
3/8	3/4 x 3/4-1 1/4 x 1 1/4	5513 020-12	5322 120-01
1/2	1 x 1-1 1/2 x 1 1/2	5513 020-13	5322 120-02
3/4	1 1/4 x 1 1/4	5513 020-14	5322 120-03

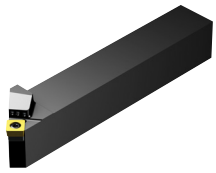
For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 H37 H10

CoroTurn® 107 shank tool for turning

Screw clamp design

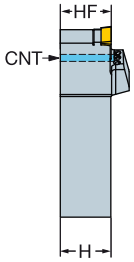
Precision coolant supply



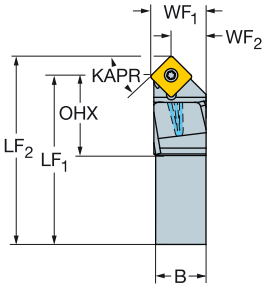


SCMT

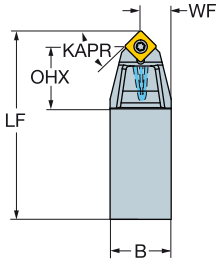
KAPR
PSIR



SSDCR/L..HP
45.0°
45.0°



SSDCN..HP (INCH)
45.0°
45.0°



Metric version

		CZC$_{MS}$	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF	CNT	BAR	NM	KG	MIID
	09	16 x 16	21.2	1	**SSDCR/L 1616H 09HP**	16.0	16.0	95.3	101.4	17.0	10.9	16.0	G1/8	275	3.0	0.22	SCMT 09 T3 08
		20 x 20	21.9	1	**SSDCR/L 2020K 09HP**	20.0	20.0	120.3	126.4	22.0	15.9	20.0	G1/8	275	3.0	0.40	SCMT 09 T3 08
		25 x 25	21.9	1	**SSDCR/L 2525M 09HP**	25.0	25.0	145.3	151.4	25.1	19.0	20.0	G1/8	275	3.0	0.73	SCMT 09 T3 08

Inch version

	IC	CZC$_{MS}$	RMPX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	LF$_1$	LF$_2$	WF	WF$_1$	WF$_2$	HF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	5/8 x 5/8	45°	1.272	1	**SSDCN 10 3HP**	.625	.625	4.000			.323			.625	G1/8	3988	2.2	0.471	SCMT 3(2.5)2
	3/8	5/8 x 5/8	0°	.862	1	**SSDCR 10 3HP**	.625	.625		3.761	4.000		.689	.450	.625	G1/8	3988	2.2	0.485	SCMT 3(2.5)2

N = Neutral, R = Right hand

	Spare parts			
Ordering code	Screw	Shim	Shim screw	Nozzle
SSDCN 10 3HP	5513 020-01	5322 420-01	5512 090-01	5691 026-13
SSDCR 10 3HP	5513 020-01	5322 420-01	5512 090-01	5691 026-23
SSDCR/L 1616H 09HP	5513 020-01	5322 420-01	5512 090-01	5691 026-23
SSDCR/L 2020K 09HP	5513 020-01	5322 420-01	5512 090-01	5691 026-23
SSDCR/L 2525M 09HP	5513 020-01	5322 420-01	5512 090-01	5691 026-23

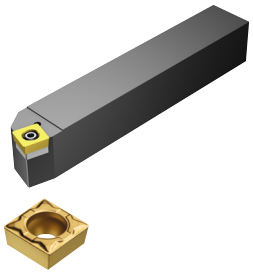
For the complete list of spare parts, visit www.sandvik.coromant.com

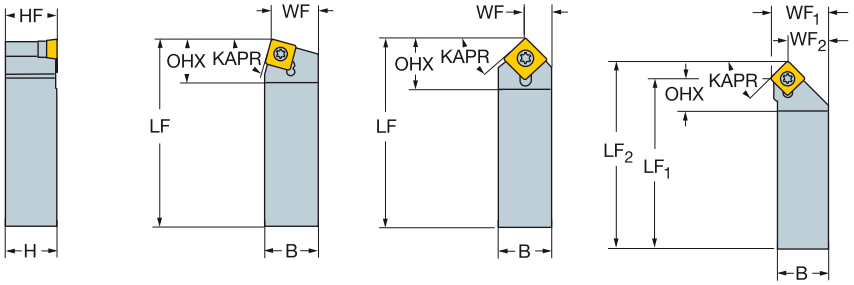
A36 F2 E3 G2 H37 H10 H5

CoroTurn® 107 shank tool for turning

Screw clamp design

	SSBCR/L	SSDCN	SSDCR/L
KAPR	75.0°	45.0°	45.0°
PSIR	15.0°	45.0°	45.0°





SCMT, SCGX
SCMW

Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	LF$_1$	LF$_2$	WF	WF$_1$	WF$_2$	HF	NM	KG	MIID
	09	16 x 16	10°	15.3	SSBCR/L 1616H 09	16.0	16.0	100.0			13.0			16.0	3.0	0.22	SCMT 09 T3 08
	12	25 x 25	10°	20.1	SSBCR/L 2525M 12	25.0	25.0	150.0			22.0			25.0	3.0	0.75	SCMT 12 04 08
	09	16 x 16	45°	15.1	SSDCN 1616H 09	16.0	16.0	100.0			8.0			16.0	3.0	0.21	SCMT 09 T3 08
	09	16 x 16	0°	9.5	SSDCR/L 1616H 09	16.0	16.0		93.9	100.0		17.0	10.9	16.0	3.0	0.21	SCMT 09 T3 08
		20 x 20	0°	12.4	SSDCR/L 2020K 09	20.0	20.0		118.9	125.0		22.0	15.9	20.0	3.0	0.40	SCMT 09 T3 08
	12	20 x 20	0°	13.9	SSDCR/L 2020K 12	20.0	20.0		116.7	125.0		22.0	13.7	20.0	3.0	0.40	SCMT 12 04 08
		25 x 25	0°	13.9	SSDCR/L 2525M 12	25.0	25.0		141.7	150.0		27.0	18.7	25.0	3.0	0.72	SCMT 12 04 08

Inch version

	IC	CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	LF$_1$	LF$_2$	WF	WF$_1$	WF$_2$	HF	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	45°	.594	SSDCN 12 3B	.750	.750	4.500			.385			.750	2.2	0.704	SCMT 3(2.5)2
		1 x 1	45°	.594	SSDCN 16 3D	1.000	1.000	6.000			.511			1.000	2.2	1.760	SCMT 3(2.5)2
	3/8	5/8 x 5/8	0°	.374	SSDCR 10 3	.625	.625		3.761	4.000		.689	.450	.625	2.2	0.453	SCMT 3(2.5)2

N = Neutral, R = Right hand, L = Left hand

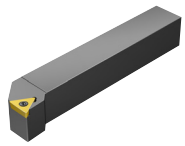
		Spare parts		
	IC	Screw	Shim	Shim screw
09	3/8	5513 020-01	5322 420-01	5512 090-01
12	1/2	5513 020-18	5322 420-02	5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 H37 H10

CoroTurn® 107 shank tool for turning

Screw clamp design

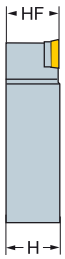




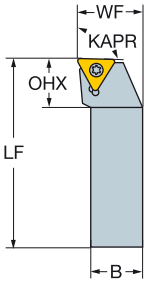
TCMT, TCMX, TCGT, TCGX TCEX

TCMW

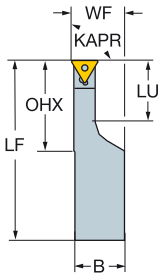
KAPR
PSIR



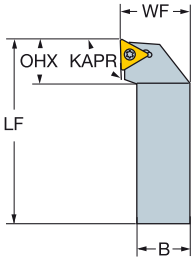
STFCR/L
91.0°
-1.0°



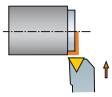
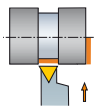
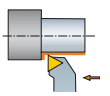
STFCR/L-A
90.0°
0.0°



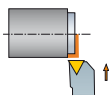
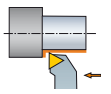
STGCR/L
91.0°
-1.0°



Metric version

		CZC_{MS}	LU	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	11	16 x 16		14.9	STFCR/L 1616H 11	16.0	16.0	100.0	20.0	16.0	0.9	0.22	TCMT 11 02 04
	16	16 x 16		19.9	STFCR/L 1616H 16	16.0	16.0	100.0	20.0	16.0	3.0	0.23	TCMT 16 T3 08
		20 x 20		21.3	STFCR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	3.0	0.42	TCMT 16 T3 08
		25 x 25		22.8	STFCR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.80	TCMT 16 T3 08
	11	20 x 20	25.0	37.0	STFCR/L 2020K 11-A	20.0	20.0	125.0	20.8	20.0	0.9	0.36	TCMT 11 02 04
		20 x 20	25.0	37.0	STFCR/L 2020K 11-AB1	20.0	20.0	125.0	20.8	20.0	0.9	0.40	TCMT 11 03 04
	16	25 x 25	35.0	47.0	STFCR/L 2525M 16-A	25.0	25.0	150.0	25.9	25.0	3.0	0.68	TCMT 16 T3 08
	11	16 x 16		14.1	STGCR/L 1616H 11	16.0	16.0	100.0	20.0	16.0	0.9	0.22	TCMT 11 02 04
		16 x 16		14.1	STGCR/L 1616H 11-B1	16.0	16.0	100.0	20.0	16.0	0.9	0.22	TCMT 11 03 04
	16	16 x 16		20.1	STGCR/L 1616H 16	16.0	16.0	100.0	20.0	16.0	3.0	0.23	TCMT 16 T3 08
		20 x 20		20.4	STGCR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	3.0	0.42	TCMT 16 T3 08
		25 x 25		20.9	STGCR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.80	TCMT 16 T3 08

Inch version

	IC	CZC_{MS}	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	5/8 x 5/8	.823	STFCR/L 10 3	.625	.625	4.000	.750	.625	2.2	0.440	TCMT 3(2.5)2
		1 x 1	.815	STFCR/L 16 3D	1.000	1.000	6.000	1.250	1.000	2.2	1.760	TCMT 3(2.5)2
	3/8	5/8 x 5/8	.823	STGCR/L 10 3	.625	.625	4.000	.750	.625	2.2	0.440	TCMT 3(2.5)2
		3/4 x 3/4	.815	STGCR/L 12 3B	.750	.750	4.500	1.000	.750	2.2	0.765	TCMT 3(2.5)2
		1 x 1	.815	STGCR/L 16 3D	1.000	1.000	6.000	1.250	1.000	2.2	1.760	TCMT 3(2.5)2

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").

R = Right hand, L = Left hand

		Spare parts		
	IC	Screw	Shim	Shim screw
11	1/4	5513 020-03		
16	3/8	5513 020-01	5322 320-01	5512 090-01

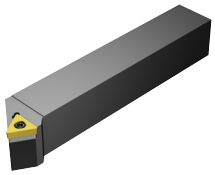
For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 H37 H10

SANDVIK Coromant

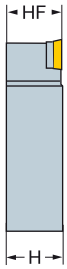
CoroTurn® 107 shank tool for turning

Screw clamp design

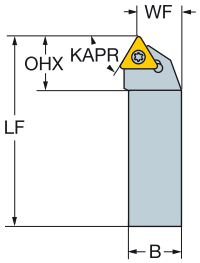




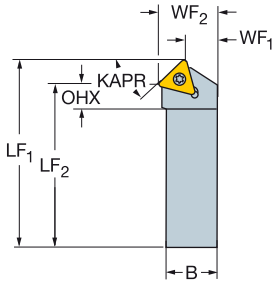
KAPR
PSIR



STTCR/L
60.0°
30.0°



STDCR/L
45.0°
45.0°



TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

Metric version

	IC	CZC$_{MS}$	RMPX	OHX	Ordering code	B	H	LF	LF$_1$	LF$_2$	WF	WF$_1$	WF$_2$	HF	NM	KG	MIID
						Dimensions, mm											
	16	16 x 16	45°	21.0	**STDCR/L 1616H 16**	16.0	16.0		100.0	89.8		6.8	17.0	16.0	3.0	0.21	TCMT 16 T3 08
	11	16 x 16	30°	12.9	**STTCR/L 1616H 11**	16.0	16.0	100.0			13.0			16.0	0.9	0.21	TCMT 11 02 04
		16 x 16	30°	12.9	**STTCR/L 1616H 11-B1**	16.0	16.0	100.0			13.0			16.0	0.9	0.21	TCMT 11 03 04
	16	20 x 20	30°	21.2	**STTCR/L 2020K 16**	20.0	20.0	125.0			17.0			20.0	3.0	0.41	TCMT 16 T3 08
		25 x 25	30°	21.2	**STTCR/L 2525M 16**	25.0	25.0	150.0			22.0			25.0	3.0	0.74	TCMT 16 T3 08

Inch version

	IC	CZC$_{MS}$	RMPX	OHX	Ordering code	B	H	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF	FT/LBS	LBS	MIID
						Dimensions, inch									
	3/8	5/8 x 5/8	45°	.426	**STDCR/L 10 3**	.625	.625	4.000	3.599	.349	.750	.625	2.2	0.396	TCMT 3(2.5)2

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").

R = Right hand, L = Left hand

		Spare parts		
IC	IC	Screw	Shim	Shim screw
11	1/4	5513 020-03		
16	3/8	5513 020-01	5322 320-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 H37 H10

CoroTurn® 107 shank tool for turning

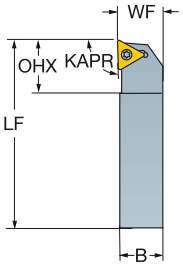
Screw clamp design

KAPR 93.0°
PSIR -3.0°





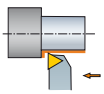




TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

Metric version

	CZC$_{MS}$	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
				Dimensions, mm							
	16 x 16	16.0	STJCR/L 1616K 11-S	16.0	16.0	125.0	16.0	16.0	0.9	0.27	TCMT 11 02 04

R = Right hand, L = Left hand

Spare parts	
Screw	5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 H37 H10

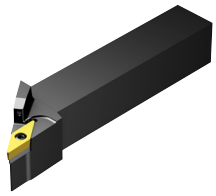
SANDVIK Coromant

CoroTurn® 107 shank tool for turning

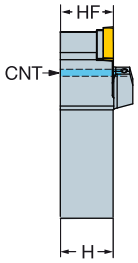
Screw clamp design

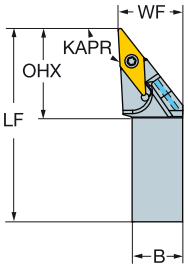
Precision coolant supply

KAPR 93.0°
PSIR -3.0°





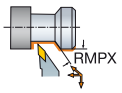




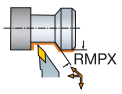
VBMT, VBGT
VCGX,
VCGT, VCET

VBMW, VCMW

Metric version

		CZC$_{MS}$	RMPX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT	BAR	NM	KG	MIID
							Dimensions, mm									
	16	20 x 20	44°	35.2	1	**SVJBR/L 2020K 16HP**	20.0	20.0	125.0	25.0	20.0	G1/8	275	3.0	0.40	VBMT 16 04 08
		25 x 25	44°	37.6	1	**SVJBR/L 2525M 16HP**	25.0	25.0	150.0	32.0	25.0	G1/8	275	3.0	0.71	VBMT 16 04 08
		32 x 25	44°	37.6	1	**SVJBR/L 3225P 16HP**	25.0	32.0	170.0	32.0	32.0	G1/8	275	3.0	1.01	VBMT 16 04 08

Inch version

		CZC$_{MS}$	RMPX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
							Dimensions, inch									
	3/8	3/4 x 3/4	44°	1.386	1	**SVJBR/L 12 3BHP**	.750	.750	4.500	1.000	.750	G1/8	3988	2.2	0.728	VBMT 332
		1 x 1	44°	1.449	1	**SVJBR/L 16 3DHP**	1.000	1.000	6.000	1.250	1.000	G1/8	3988	2.2	1.615	VBMT 332

R = Right hand, L = Left hand

Spare parts			
Screw	Shim	Shim screw	Nozzle
5513 020-01	5322 270-01	5512 090-01	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

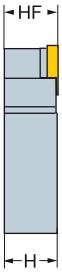
CoroTurn® 107 shank tool for turning

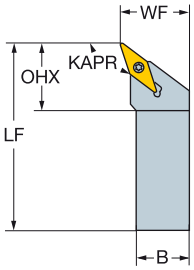
Screw clamp design

KAPR 107.5°
PSIR -17.5°





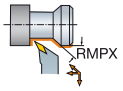




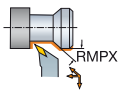
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

Metric version

						Dimensions, mm							
	IC	CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	16	20 x 20	35°	27.6	**SVHBR/L 2020K 16**	20.0	20.0	125.0	25.0	20.0	3.0	0.40	VBMT 16 04 08
		25 x 25	35°	27.6	**SVHBR/L 2525M 16**	25.0	25.0	150.0	32.0	25.0	3.0	0.71	VBMT 16 04 08
		32 x 25	35°	27.6	**SVHBR/L 3225P 16**	25.0	32.0	170.0	32.0	32.0	3.0	1.04	VBMT 16 04 08
	22	25 x 25	35°	35.2	**SVHCR/L 2525M 22-R2**	25.0	25.0	150.0	32.0	25.0	3.0	0.72	VCMT 22 05 20

Inch version

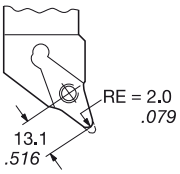
						Dimensions, inch							
	IC	CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	35°	1.087	**SVHBR/L 12 3B**	.750	.750	4.500	1.000	.750	2.2	0.748	VBMT 332
		1 x 1	35°	1.087	**SVHBR/L 16 3C**	1.000	1.000	5.000	1.250	1.000	2.2	1.351	VBMT 332
		1 x 1	35°	1.087	**SVHBR/L 16 3D**	1.000	1.000	6.000	1.250	1.000	2.2	1.760	VBMT 332

R = Right hand, L = Left hand

		Spare parts		
	IC	Screw	Shim	Shim screw
16	3/8	5513 020-01	5322 270-01	5512 090-01
22	1/2	5513 020-18	5322 270-03	5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com

When using insert VCGX 22 05 30-AL with radius 3.0 mm (.118 inch), together with shim 5322 270-04, the toolholder has to be modified. See picture.



A36 F2 E3 H37 H10

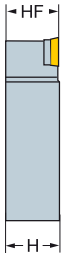
CoroTurn® 107 shank tool for turning

Screw clamp design

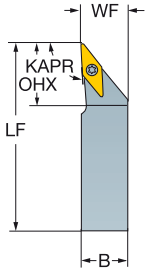




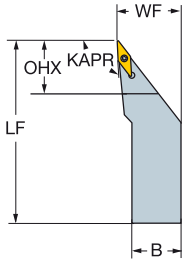
KAPR
PSIR



SVJBR/L-S
93.0°
-3.0°



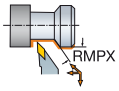
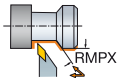
SVJBR/L
93.0°
-3.0°



VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

Metric version

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	11	16 x 16	50°	21.2	SVJBR/L 1616H 11	16.0	16.0	100.0	20.0	16.0	0.9	0.20	VBMT 11 02 04
		16 x 16	50°	21.2	SVJBR/L 1616H 11-B1	16.0	16.0	100.0	20.0	16.0	0.9	0.20	VBMT 11 03 04
		20 x 20	50°	21.2	SVJBR/L 2020K 11	20.0	20.0	125.0	25.0	20.0	0.9	0.40	VBMT 11 02 04
		20 x 20	50°	21.2	SVJBR/L 2020K 11-B1	20.0	20.0	125.0	25.0	20.0	0.9	0.26	VBMT 11 03 04
		25 x 25	50°	21.2	SVJBR/L 2525M 11	25.0	25.0	150.0	32.0	25.0	0.9	0.69	VBMT 11 02 04
		25 x 25	50°	21.2	SVJBR/L 2525M 11-B1	25.0	25.0	150.0	32.0	25.0	0.9	0.69	VBMT 11 03 04
	16	20 x 20	50°	31.1	SVJBR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	3.0	0.38	VBMT 16 04 08
		25 x 25	50°	31.5	SVJBR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.69	VBMT 16 04 08
		32 x 25	50°	31.5	SVJBR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	3.0	1.01	VBMT 16 04 08
	11	16 x 16	50°	26.0	SVJBR/L 1616K 11-S	16.0	16.0	125.0	16.0	16.0	0.9	0.20	VBMT 11 02 04
		16 x 16	50°	26.0	SVJBR/L 1616K 11-S-B1	16.0	16.0	125.0	16.0	16.0	0.9	0.25	VBMT 11 03 04
	16	16 x 16	50°	40.0	SVJBR/L 1616K 16-S	16.0	16.0	125.0	16.0	16.0	3.0	0.28	VBMT 16 04 08

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").

R = Right hand, L = Left hand

	Spare parts		
CZC_{MS}	Screw	Shim	Shim screw
16 x 16-25 x 25	5513 020-03		
16 x 16	5513 020-09		
20 x 20-32 x 25	5513 020-01	5322 270-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


E3



H37

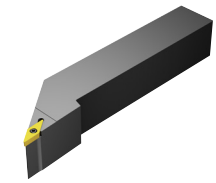


H10

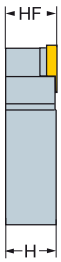
CoroTurn® 107 shank tool for turning

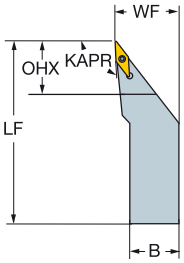
Screw clamp design

KAPR 93.0°
PSIR -3.0°





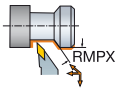




VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

Inch version

	IC	CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID
	1/4	3/4 x 3/4	50°	.835	**SVJBR/L 12 2B**	.750	.750	4.500	1.000	.750	0.7	1.210	VBMT 2(1.5)1
		1 x 1	50°	.835	**SVJBR/L 162D-B1**	1.000	1.000	6.000	1.250	1.000	0.7	1.566	VBMT 221
	3/8	3/4 x 3/4	50°	1.228	**SVJBR/L 12 3B**	.750	.750	4.500	1.000	.750	2.2	0.616	VBMT 332
		1 x 1	50°	1.240	**SVJBR/L 16 3C**	1.000	1.000	5.000	1.250	1.000	2.2	1.296	VBMT 332
		1 x 1	50°	1.240	**SVJBR/L 16 3D**	1.000	1.000	6.000	1.250	1.000	2.2	1.760	VBMT 332
		1 1/4 x 1 1/4	50°	1.240	**SVJBR/L 20 3D**	1.250	1.250	6.000	1.500	1.250	2.2	2.244	VBMT 332

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").

R = Right hand, L = Left hand

		Spare parts		
IC	CZC_{MS}	Screw	Shim	Shim screw
1/4	3/4 x 3/4-1 x 1	5513 020-03		
3/8	3/4 x 3/4-1 1/4 x 1 1/4	5513 020-01	5322 270-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


E3



H37



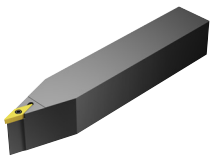
H10

SANDVIK Coromant

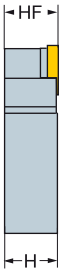
CoroTurn® 107 shank tool for turning

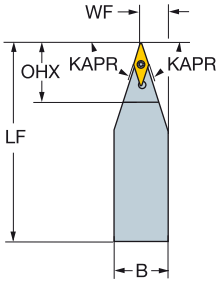
Screw clamp design

KAPR 72.5°
PSIR 17.5°





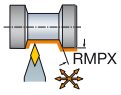




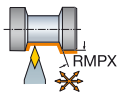
VBMT, VBGT
VCGX,
VCGT, VCET

VBMW, VCMW

Metric version

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	11	16 x 16	70°	21.1	SVVBN 1616H 11	16.0	16.0	100.0	8.3	16.0	0.9	0.19	VBMT 11 02 04
		20 x 20	70°	21.1	SVVBN 2020K 11-B1	20.0	20.0	125.0	10.3	20.0	0.9	0.40	VBMT 11 03 04
		25 x 25	70°	21.1	SVVBN 2525M 11-B1	25.0	25.0	150.0	12.8	25.0	0.9	0.66	VBMT 11 03 04
	16	20 x 20	70°	31.5	SVVBN 2020K 16	20.0	20.0	125.0	10.6	20.0	3.0	0.40	VBMT 16 04 08
		25 x 25	70°	31.5	SVVBN 2525M 16	25.0	25.0	150.0	13.1	25.0	3.0	0.68	VBMT 16 04 08
		32 x 25	70°	31.5	SVVBN 3225P 16	25.0	32.0	170.0	13.1	32.0	3.0	1.00	VBMT 16 04 08
	11	16 x 16	70°	21.0	SVVBN 1616K 11-S-B1	16.0	16.0	125.0	8.3	16.0	0.9	0.24	VBMT 11 03 04

Inch version

						Dimensions, inch							
	IC	CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	70°	1.240	SVVBN 12 3B	.750	.750	4.500	.395	.750	2.2	1.100	VBMT 332
		1 x 1	70°	1.240	SVVBN 16 3D	1.000	1.000	6.000	.520	1.000	2.2	1.496	VBMT 332
		1 1/4 x 1 1/4	70°	1.240	SVVBN 20 3D	1.250	1.250	6.000	.645	1.250	2.2	2.310	VBMT 332

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").

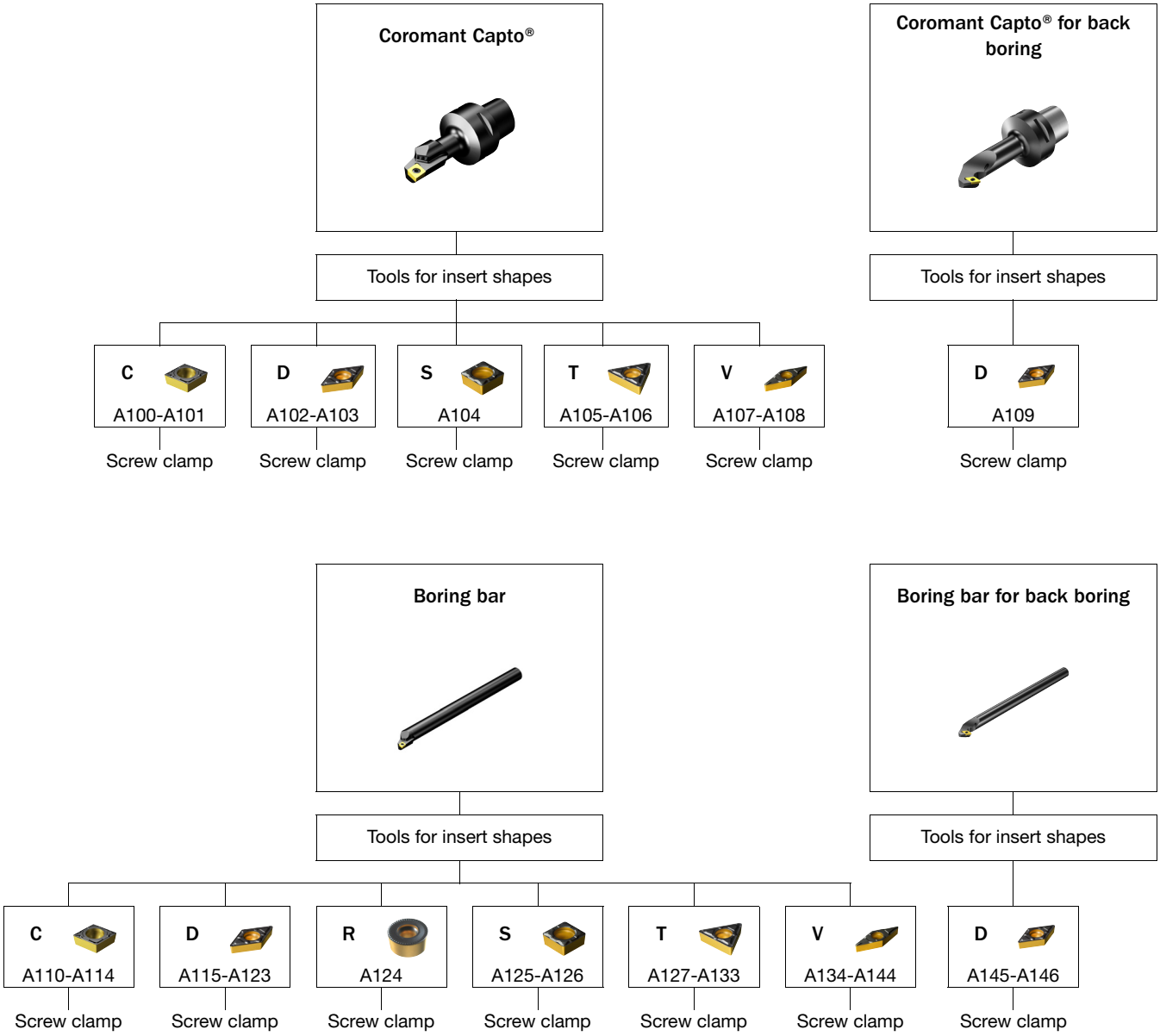
N = Neutral

		Spare parts		
	IC	Screw	Shim	Shim screw
11	1/4	5513 020-03		
16	3/8	5513 020-01	5322 270-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 H37 H10

CoroTurn® 107 tools for internal machining



CoroTurn® 107 tools for internal machining

Solid carbide boring bar for turning



Tools for insert shapes

C	D	T	V
A147-A148	A149-A150	A151-A153	A154
Screw clamp	Screw clamp	Screw clamp	Screw clamp

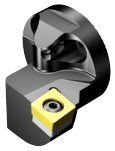
Damped carbide boring bar for turning



Tools for insert shapes

D	T
A155	A156
Screw clamp	Screw clamp

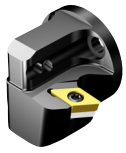
CoroTurn® SL cutting head for turning



Tools for insert shapes

C	D	R	T	V
A157-A158	A159-A161	A162	A163-A164	A165-A168
Screw clamp	Screw clamp	Screw clamp	Screw clamp	Screw clamp

CoroTurn® SL cutting head for back boring



Tools for insert shapes

C	D	V
A169	A170-A171	A172
Screw clamp	Screw clamp	Screw clamp

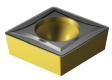
CoroTurn® 107 cutting unit for turning

Screw clamp design

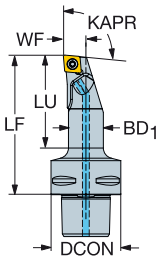
Coromant Capto® - Precision coolant supply

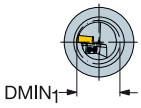
KAPR 95.0°
PSIR -5.0°

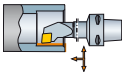




CCMT, CCGT
CCGX, CCET
CCMW





	IC		CZC_{MS}	$DMIN_1$	LU	CNSC	Ordering code	Dimensions, mm, inch DCON	BD_1	LF	WF	BAR PSI	NM	KG	MIID
	09	3/8	C3	21.5	48.0	3	C3-SCLCR/L-11065-09HP	32	16.0	65.0	11.0	150	3.0	0.22	CCMT 09 T3 08
				.846	*1.890*			*1.260*	*.630*	*2.559*	*.433*	*2175*			*CCMT 3(2.5)2*
			C4	21.5	47.0	3	C4-SCLCR/L-11070-09HP	40	16.0	70.0	11.0	150	3.0	0.36	CCMT 09 T3 08
				.846	*1.850*			*1.575*	*.630*	*2.756*	*.433*	*2175*			*CCMT 3(2.5)2*
			C4	25.0	57.0	3	C4-SCLCR/L-13080-09HP	40	20.0	80.0	13.0	150	3.0	0.41	CCMT 09 T3 08
				.984	*2.244*			*1.575*	*.787*	*3.150*	*.512*	*2175*			*CCMT 3(2.5)2*
			C5	21.5	46.0	3	C5-SCLCR/L-11070-09HP	50	16.0	70.0	11.0	150	3.0	0.56	CCMT 09 T3 08
				.846	*1.811*			*1.969*	*.630*	*2.756*	*.433*	*2175*			*CCMT 3(2.5)2*
			C5	25.0	56.0	3	C5-SCLCR/L-13080-09HP	50	20.0	80.0	13.0	150	3.0	0.61	CCMT 09 T3 08
				.984	*2.205*			*1.969*	*.787*	*3.150*	*.512*	*2175*			*CCMT 3(2.5)2*
	12	1/2	C4	32.0	69.0	3	C4-SCLCR/L-17090-12HP	40	25.0	90.0	17.0	150	3.0	0.50	CCMT 12 04 08
				1.260	*2.717*			*1.575*	*.984*	*3.543*	*.669*	*2175*			*CCMT 432*
			C5	32.0	67.0	3	C5-SCLCR/L-17090-12HP	50	25.0	90.0	17.0	150	3.0	0.69	CCMT 12 04 08
				1.260	*2.638*			*1.969*	*.984*	*3.543*	*.669*	*2175*			*CCMT 432*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	IC	Spare parts Insert screw	Nozzle
09	3/8	5513 020-09	5691 026-13
12	1/2	5513 020-17	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

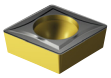
CoroTurn® 107 cutting unit for turning

Screw clamp design

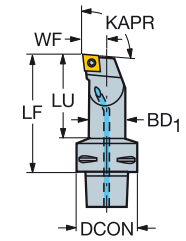
Coromant Capto® - Internal coolant supply

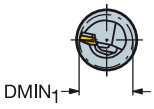
KAPR 95.0°
PSIR -5.0°

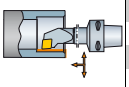




CCMT, CCGT
CCGX, CCET
CCMW





				Dimensions, mm, inch										
												BAR PSI	NM	KG	
		IC	CZC_{MS}	$DMIN_1$	LU	CNSC	Ordering code	DCON	BD_1	LF	WF				MIID
	09	3/8	C3	32.0	74.0	3	C3-SCLCL-17090-09	32	25.0	90.0	17.0	10	3.0	0.38	CCMT 09 T3 08
				1.260	*2.913*			*1.260*	*.984*	*3.543*	*.669*	*145*			*CCMT 3(2.5)2*
			C3	20.0	48.0	3	C3-SCLCR/L-11065-09	32	16.0	65.0	11.0	10	3.0	0.21	CCMT 09 T3 08
				.787	*1.890*			*1.260*	*.630*	*2.559*	*.433*	*145*			*CCMT 3(2.5)2*
			C3	25.0	58.0	3	C3-SCLCR/L-13075-09	32	20.0	75.0	13.0	10	3.0	0.27	CCMT 09 T3 08
				.984	*2.283*			*1.260*	*.787*	*2.953*	*.512*	*145*			*CCMT 3(2.5)2*
			C4	20.0	47.0	3	C4-SCLCR/L-11070-09	40	16.0	70.0	11.0	10	3.0	0.36	CCMT 09 T3 08
				.787	*1.850*			*1.575*	*.630*	*2.756*	*.433*	*145*			*CCMT 3(2.5)2*
			C4	25.0	57.0	3	C4-SCLCR/L-13080-09	40	20.0	80.0	13.0	10	3.0	0.41	CCMT 09 T3 08
				.984	*2.244*			*1.575*	*.787*	*3.150*	*.512*	*145*			*CCMT 3(2.5)2*
			C4	32.0	68.0	3	C4-SCLCR/L-17090-09	40	25.0	90.0	17.0	10	3.0	0.51	CCMT 09 T3 08
				1.260	*2.677*			*1.575*	*.984*	*3.543*	*.669*	*145*			*CCMT 3(2.5)2*
			C4	50.0	60.0	3	C4-SCLCR/L-27080-09	40	40.0	80.0	27.0	10	3.0	0.69	CCMT 09 T3 08
				1.969	*2.362*			*1.575*	*1.575*	*3.150*	*1.063*	*145*			*CCMT 3(2.5)2*
			C5	20.0	46.0	3	C5-SCLCR/L-11070-09	50	16.0	70.0	11.0	10	3.0	0.57	CCMT 09 T3 08
				.787	*1.811*			*1.969*	*.630*	*2.756*	*.433*	*145*			*CCMT 3(2.5)2*
			C5	25.0	56.0	3	C5-SCLCR/L-13080-09	50	20.0	80.0	13.0	10	3.0	0.65	CCMT 09 T3 08
				.984	*2.205*			*1.969*	*.787*	*3.150*	*.512*	*145*			*CCMT 3(2.5)2*
			C5	32.0	67.0	3	C5-SCLCR/L-17090-09	50	25.0	90.0	17.0	10	3.0	0.69	CCMT 09 T3 08
				1.260	*2.638*			*1.969*	*.984*	*3.543*	*.669*	*145*			*CCMT 3(2.5)2*
	12	1/2	C3	32.0	74.0	3	C3-SCLCR-17090-12	32	25.0	90.0	17.0	10	3.0	0.38	CCMT 12 04 08
				1.260	*2.913*			*1.260*	*.984*	*3.543*	*.669*	*145*			*CCMT 432*
			C3	40.0	81.0	3	C3-SCLCR-22096-12	32	32.0	96.0	22.0	10	3.0	0.54	CCMT 12 04 08
				1.575	*3.189*			*1.260*	*1.260*	*3.780*	*.866*	*145*			*CCMT 432*
			C4	32.0	68.0	3	C4-SCLCR/L-17090-12	40	25.0	90.0	17.0	10	3.0	0.50	CCMT 12 04 08
				1.260	*2.677*			*1.575*	*.984*	*3.543*	*.669*	*145*			*CCMT 432*
			C4	40.0	89.0	3	C4-SCLCR-22110-12	40	32.0	110.0	22.0	10	3.0	0.77	CCMT 12 04 08
				1.575	*3.504*			*1.575*	*1.260*	*4.331*	*.866*	*145*			*CCMT 432*
			C4	50.0	60.0	3	C4-SCLCR-27080-12	40	40.0	80.0	27.0	10	3.0	0.68	CCMT 12 04 08
				1.969	*2.362*			*1.575*	*1.575*	*3.150*	*1.063*	*145*			*CCMT 432*
			C5	32.0	67.0	3	C5-SCLCR/L-17090-12	50	25.0	90.0	17.0	10	3.0	0.69	CCMT 12 04 08
				1.260	*2.638*			*1.969*	*.984*	*3.543*	*.669*	*145*			*CCMT 432*
			C5	40.0	88.0	3	C5-SCLCR/L-22110-12	50	32.0	110.0	22.0	10	3.0	0.97	CCMT 12 04 08
				1.575	*3.465*			*1.969*	*1.260*	*4.331*	*.866*	*145*			*CCMT 432*
			C5	50.0	119.0	3	C5-SCLCR/L-27140-12	50	40.0	140.0	27.0	10	3.0	1.49	CCMT 12 04 08
				1.969	*4.685*			*1.969*	*1.575*	*5.512*	*1.063*	*145*			*CCMT 432*
			C5	63.0	80.0	3	C5-SCLCR-35100-12	50	50.0	100.0	35.0	10	3.0	1.40	CCMT 12 04 08
				2.480	*3.150*			*1.969*	*1.969*	*3.937*	*1.378*	*145*			*CCMT 432*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts		
Ordering code	Screw	Shim	Shim screw
Cx-SCLCR/L-11/13xxx-09	5513 020-09		
Cx-SCLCR/L-17090-09	5513 020-10		
C4-SCLCR/L-27080-09	5513 020-01	5322 232-01	5512 090-01
Cx-SCLCR/L-17090-12	5513 020-17		
Cx-SCLCR/L-22/27/35xxx-12	5513 020-18	5322 232-02	5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

CoroTurn® 107 cutting unit for turning

Screw clamp design

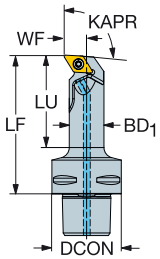
Coromant Capto® - Precision coolant supply

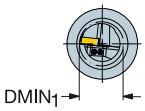
KAPR 93.0°
PSIR -3.0°





DCMT, DCMX
DCGT, DCGX, DCET
DCMW





									Dimensions, mm, inch							
													BAR PSI	NM	KG	
		IC	CZC_{MS}	$DMIN_1$	LU	RMPX	CNSC	Ordering code	DCON	BD_1	LF	WF				MIID
	07	1/4	C4	25.0	58.0	27°	3	C4-SDUCR/L-13080-07HP	40	20.0	80.0	13.0	150	0.9	0.41	DCMT 07 02 04
				.984	*2.283*				*1.575*	*.787*	*3.150*	*.512*	*2175*			*DCMT 2(1.5)1*
			C5	25.0	56.0	27°	3	C5-SDUCR/L-13080-07HP	50	20.0	80.0	13.0	150	0.9	0.60	DCMT 07 02 04
				.984	*2.205*				*1.969*	*.787*	*3.150*	*.512*	*2175*			*DCMT 2(1.5)1*
	11	3/8	C4	25.0	58.0	27°	3	C4-SDUCR/L-13080-11HP	40	20.0	80.0	13.0	150	3.0	0.41	DCMT 11 T3 08
				.984	*2.283*				*1.575*	*.787*	*3.150*	*.512*	*2175*			*DCMT 3(2.5)2*
			C4	32.0	69.0	27°	3	C4-SDUCR/L-17090-11HP	40	25.0	90.0	17.0	150	3.0	0.50	DCMT 11 T3 08
				1.260	*2.717*				*1.575*	*.984*	*3.543*	*.669*	*2175*			*DCMT 3(2.5)2*
			C5	25.0	56.0	27°	3	C5-SDUCR/L-13080-11HP	50	20.0	80.0	13.0	150	3.0	0.60	DCMT 11 T3 08
				.984	*2.205*				*1.969*	*.787*	*3.150*	*.512*	*2175*			*DCMT 3(2.5)2*
			C5	32.0	67.0	27°	3	C5-SDUCR/L-17090-11HP	50	25.0	90.0	17.0	150	3.0	0.69	DCMT 11 T3 08
				1.260	*2.638*				*1.969*	*.984*	*3.543*	*.669*	*2175*			*DCMT 3(2.5)2*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts	
Ordering code	Insert screw	Nozzle
C4-SDUCR/L-13080-07HP	5513 020-03	5691 026-13
C5-SDUCR/L-13080-07HP	5513 020-03	5691 026-13
C4-SDUCR/L-13080-11HP	5513 020-09	5691 026-13
C4-SDUCR/L-17090-11HP	5513 020-10	5691 026-13
C5-SDUCR/L-13080-11HP	5513 020-09	5691 026-13
C5-SDUCR/L-17090-11HP	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


E3


G2



H37



H10



H5

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

KAPR 93.0°
PSIR -3.0°

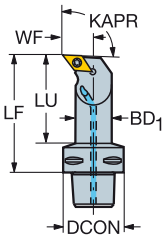


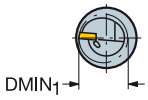




DCMT, DCMX
DCGT, DCGX, DCET

DCMW





									Dimensions, mm, inch							
			CZC$_{MS}$	DMIN$_1$	LU	RMPX	CNSC	Ordering code	DCON	BD$_1$	LF	WF	BAR PSI	NM	KG	MIID
	07	1/4	C3	20.0	48.0	27°	3	C3-SDUCR/L-11065-07	32	16.0	65.0	11.0	10	0.9	0.21	DCMT 07 02 04
				.787	*1.890*				*1.260*	*.630*	*2.559*	*.433*	*145*			*DCMT 2(1.5)1*
			C4	20.0	47.0	27°	3	C4-SDUCR/L-11070-07	40	16.0	70.0	11.0	10	0.9	0.36	DCMT 07 02 04
				.787	*1.850*				*1.575*	*.630*	*2.756*	*.433*	*145*			*DCMT 2(1.5)1*
			C5	20.0	46.0	27°	3	C5-SDUCR/L-11070-07	50	16.0	70.0	11.0	10	0.9	0.55	DCMT 07 02 04
				.787	*1.811*				*1.969*	*.630*	*2.756*	*.433*	*145*			*DCMT 2(1.5)1*
	11	3/8	C3	25.0	58.0	27°	3	C3-SDUCR/L-13075-11	32	20.0	75.0	13.0	10	3.0	0.26	DCMT 11 T3 08
				.984	*2.283*				*1.260*	*.787*	*2.953*	*.512*	*145*			*DCMT 3(2.5)2*
			C3	32.0	73.0	27°	3	C3-SDUCR/L-17090-11	32	25.0	90.0	17.0	10	3.0	0.38	DCMT 11 T3 08
				1.260	*2.874*				*1.260*	*.984*	*3.543*	*.669*	*145*			*DCMT 3(2.5)2*
			C4	25.0	57.0	27°	3	C4-SDUCR/L-13080-11	40	20.0	80.0	13.0	10	3.0	0.41	DCMT 11 T3 08
				.984	*2.244*				*1.575*	*.787*	*3.150*	*.512*	*145*			*DCMT 3(2.5)2*
			C4	32.0	68.0	27°	3	C4-SDUCR/L-17090-11	40	25.0	90.0	17.0	10	3.0	0.52	DCMT 11 T3 08
				1.260	*2.677*				*1.575*	*.984*	*3.543*	*.669*	*145*			*DCMT 3(2.5)2*
			C4	40.0	89.0	27°	3	C4-SDUCR/L-22110-11	40	32.0	110.0	22.0	10	3.0	0.76	DCMT 11 T3 08
				1.575	*3.504*				*1.575*	*1.260*	*4.331*	*.866*	*145*			*DCMT 3(2.5)2*
			C4	50.0	60.0	27°	3	C4-SDUCR/L-27080-11	40	40.0	80.0	27.0	10	3.0	0.72	DCMT 11 T3 08
				1.969	*2.362*				*1.575*	*1.575*	*3.150*	*1.063*	*145*			*DCMT 3(2.5)2*
			C5	25.0	56.0	27°	3	C5-SDUCR/L-13080-11	50	20.0	80.0	13.0	10	3.0	0.65	DCMT 11 T3 08
				.984	*2.205*				*1.969*	*.787*	*3.150*	*.512*	*145*			*DCMT 3(2.5)2*
			C5	32.0	67.0	27°	3	C5-SDUCR/L-17090-11	50	25.0	90.0	17.0	10	3.0	0.70	DCMT 11 T3 08
				1.260	*2.638*				*1.969*	*.984*	*3.543*	*.669*	*145*			*DCMT 3(2.5)2*
			C5	40.0	88.0	27°	3	C5-SDUCR/L-22110-11	50	32.0	110.0	22.0	10	3.0	0.96	DCMT 11 T3 08
				1.575	*3.465*				*1.969*	*1.260*	*4.331*	*.866*	*145*			*DCMT 3(2.5)2*
			C5	63.0	80.0	27°	3	C5-SDUCR/L-35100-11	50	50.0	100.0	35.0	10	3.0	1.35	DCMT 11 T3 08
				2.480	*3.150*				*1.969*	*1.969*	*3.937*	*1.378*	*145*			*DCMT 3(2.5)2*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts		
Ordering code	Screw	Shim	Shim screw
C3-SDUCR/L-11065-07	5513 020-03		
C4-SDUCR/L-11070-07	5513 020-03		
C5-SDUCR/L-11070-07	5513 020-03		
C3-SDUCR/L-13075-11	5513 020-10		
C3-SDUCR/L-17090-11	5513 020-10		
C4-SDUCR/L-13080-11	5513 020-10		
C4-SDUCR/L-17090-11	5513 020-10		
C4-SDUCR/L-22110-11	5513 020-01	5322 263-01	5512 090-01
C4-SDUCR/L-27080-11	5513 020-01	5322 263-01	5512 090-01
C5-SDUCR/L-13080-11	5513 020-10		
C5-SDUCR/L-17090-11	5513 020-10		
C5-SDUCR/L-22110-11	5513 020-01	5322 263-01	5512 090-01
C5-SDUCR/L-35100-11	5513 020-01	5322 263-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


E3


G2



H37



H10



H5

CoroTurn® 107 cutting unit for turning

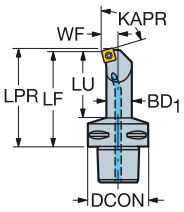
Screw clamp design

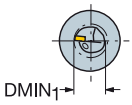
Coromant Capto® - Internal coolant supply

KAPR 75.0°
PSIR 15.0°

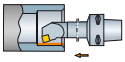








SCMT, SCGX
SCMW

	IC	CZC_{MS}	$DMIN_1$	LU	RMPX	CNSC	Ordering code	DCON	BD_1	LPR	LF	WF	BAR PSI	NM	KG	MIID
			Dimensions, mm, inch													
	09 3/8	C4	25.0	58.0	10°	3	**C4-SSKCR-13080-09**	40	20.0	82.2	80.0	13.0	10	3.0	0.41	SCMT 09 T3 08
			.984	*2.283*				*1.575*	*.787*	*3.237*	*3.150*	*.512*	*145*			*SCMT 3(2.5)2*
		C5	25.0	56.0	10°	3	**C5-SSKCR-13080-09**	50	20.0	82.2	80.0	13.0	10	3.0	0.61	SCMT 09 T3 08
			.984	*2.205*				*1.969*	*.787*	*3.237*	*3.150*	*.512*	*145*			*SCMT 3(2.5)2*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand

Spare parts
Screw
5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

KAPR 91.0°
PSIR -1.0°



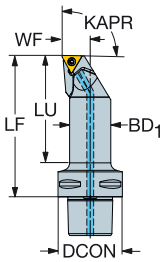


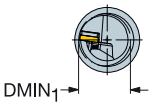


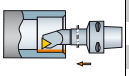
TCMT, TCMX, TCGT, TCGX TCEX



TCMW





	IC	CZC$_{MS}$	DMIN$_1$	LU	CNSC	Ordering code	Dimensions, mm, inch DCON	BD$_1$	LF	WF	BAR PSI	NM	KG	MIID
	11 1/4	C4	20.0	47.0	3	C4-STFCR/L11070-11HPB1	40	16.0	70.0	11.0	150	0.9	0.36	TCMT 11 03 04
			.787	*1.850*			*1.575*	*.630*	*2.756*	*.433*	*2175*			*TCMT 221*
		C4	25.0	57.0	3	C4-STFCR/L13080-11HPB1	40	20.0	80.0	13.0	150	0.9	0.40	TCMT 11 03 04
			.984	*2.244*			*1.575*	*.787*	*3.150*	*.512*	*2175*			*TCMT 221*
	16 3/8	C4	32.0	69.0	3	C4-STFCR/L-17090-16HP	40	25.0	90.0	17.0	150	3.0	0.51	TCMT 16 T3 08
			1.260	*2.717*			*1.575*	*.984*	*3.543*	*.669*	*2175*			*TCMT 3(2.5)2*
		C5	32.0	67.0	3	C5-STFCR/L-17090-16HP	50	25.0	90.0	17.0	150	3.0	0.70	TCMT 16 T3 08
			1.260	*2.638*			*1.969*	*.984*	*3.543*	*.669*	*2175*			*TCMT 3(2.5)2*
		C5	40.0	88.0	3	C5-STFCR/L-22110-16HP	50	32.0	110.0	22.0	150	3.0	0.96	TCMT 16 T3 08
			1.575	*3.465*			*1.969*	*1.260*	*4.331*	*.866*	*2175*			*TCMT 3(2.5)2*

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

IC	CZC$_{MS}$	Spare parts Insert screw	Shim	Shim screw	Nozzle
11 1/4	C4	5513 020-03			5691 026-23
16 3/8	C4	5513 020-10			5691 026-23
16 3/8	C5	5513 020-01	5322 320-01	5512 090-01	5691 026-23

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


E3


G2



H37



H10



H5

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

KAPR 91.0°
PSIR -1.0°



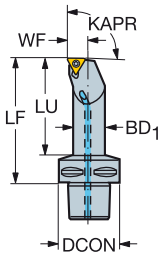


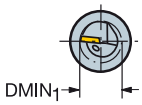


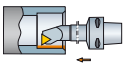
TCMT, TCMX, TCGT, TCGX TCEX



TCMW





	IC		CZC_{MS}	$DMIN_1$	LU	CNSC	Ordering code	DCON	BD_1	LF	WF	BAR PSI	NM	KG	MIID
								Dimensions, mm, inch							
	11	1/4	C3	20.0	48.0	3	C3-STFCR/L-11065-11-B1	32	16.0	65.0	11.0	10	0.9	0.21	TCMT 11 03 04
				.787	*1.890*			*1.260*	*.630*	*2.559*	*.433*	*145*			*TCMT 221*
			C4	20.0	47.0	3	C4-STFCR/L-11070-11	40	16.0	70.0	11.0	10	0.9	0.35	TCMT 11 02 04
				.787	*1.850*			*1.575*	*.630*	*2.756*	*.433*	*145*			*TCMT 2(1.5)1*
			C4	20.0	47.0	3	C4-STFCR/L-11070-11-B1	40	16.0	70.0	11.0	10	0.9	0.35	TCMT 11 03 04
				.787	*1.850*			*1.575*	*.630*	*2.756*	*.433*	*145*			*TCMT 221*
			C4	25.0	57.0	3	C4-STFCR/L-13080-11	40	20.0	80.0	13.0	10	0.9	0.40	TCMT 11 02 04
				.984	*2.244*			*1.575*	*.787*	*3.150*	*.512*	*145*			*TCMT 2(1.5)1*
			C4	25.0	57.0	3	C4-STFCR/L-13080-11-B1	40	20.0	80.0	13.0	10	0.9	0.41	TCMT 11 03 04
				.984	*2.244*			*1.575*	*.787*	*3.150*	*.512*	*145*			*TCMT 221*
			C5	20.0	46.0	3	C5-STFCR/L-11070-11-B1	50	16.0	70.0	11.0	10	0.9	0.55	TCMT 11 03 04
				.787	*1.811*			*1.969*	*.630*	*2.756*	*.433*	*145*			*TCMT 221*
			C5	25.0	56.0	3	C5-STFCR/L-13080-11-B1	50	20.0	80.0	13.0	10	0.9	0.60	TCMT 11 03 04
				.984	*2.205*			*1.969*	*.787*	*3.150*	*.512*	*145*			*TCMT 221*
			C5	20.0	46.0	3	C5-STFCR-11070-11	50	16.0	70.0	11.0	10	0.9	0.56	TCMT 11 02 04
				.787	*1.811*			*1.969*	*.630*	*2.756*	*.433*	*145*			*TCMT 2(1.5)1*
			C5	25.0	56.0	3	C5-STFCR-13080-11	50	20.0	80.0	13.0	10	0.9	0.60	TCMT 11 02 04
				.984	*2.205*			*1.969*	*.787*	*3.150*	*.512*	*145*			*TCMT 2(1.5)1*
	16	3/8	C4	32.0	68.0	3	C4-STFCR/L-17090-16	40	25.0	90.0	17.0	10	3.0	0.50	TCMT 16 T3 08
				1.260	*2.677*			*1.575*	*.984*	*3.543*	*.669*	*145*			*TCMT 3(2.5)2*
			C4	40.0	89.0	3	C4-STFCR/L-22110-16	40	32.0	110.0	22.0	10	3.0	0.77	TCMT 16 T3 08
				1.575	*3.504*			*1.575*	*1.260*	*4.331*	*.866*	*145*			*TCMT 3(2.5)2*
			C5	40.0	88.0	3	C5-STFCR/L-22110-16	50	32.0	110.0	22.0	10	3.0	0.97	TCMT 16 T3 08
				1.575	*3.465*			*1.969*	*1.260*	*4.331*	*.866*	*145*			*TCMT 3(2.5)2*
			C5	32.0	67.0	3	C5-STFCR-17090-16	50	25.0	90.0	17.0	10	3.0	0.69	TCMT 16 T3 08
				1.260	*2.638*			*1.969*	*.984*	*3.543*	*.669*	*145*			*TCMT 3(2.5)2*

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts		
Ordering code	Screw	Shim	Shim screw
C3-STFCR/L-11065-11-B1	5513 020-03		
C4-STFCR/L-11070-11	5513 020-03		
C4-STFCR/L-11070-11-B1	5513 020-03		
C4-STFCR/L-13080-11	5513 020-03		
C4-STFCR/L-13080-11-B1	5513 020-03		
C5-STFCR/L-11070-11-B1	5513 020-03		
C5-STFCR/L-13080-11-B1	5513 020-03		
C5-STFCR/L-11070-11	5513 020-03		
C5-STFCR/L-13080-11	5513 020-03		
C4-STFCR/L-17090-16	5513 020-10		
C4-STFCR/L-22110-16	5513 020-01	5322 320-01	5512 090-01
C5-STFCR/L-22110-16	5513 020-01	5322 320-01	5512 090-01
C5-STFCR/L-17090-16	5513 020-10		

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


E3


G2



H37



H10



H5

SANDVIK Coromant

CoroTurn® 107 cutting unit for turning

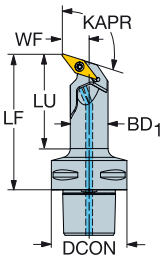
Screw clamp design

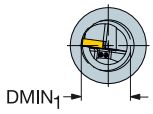
Coromant Capto® - Precision coolant supply

KAPR 107.5°
PSIR -17.5°









VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

									Dimensions, mm, inch							
			CZC_{MS}	$DMIN_1$	LU	RMPX	CNSC	Ordering code	DCON	BD_1	LF	WF	BAR PSI	NM	KG	MIID
	11	1/4	C4	25.0	47.0	35°	3	C4-SVQBR/L13070-11HPB1	40	20.0	70.0	13.0	150	0.9	0.38	VBMT 11 03 04
				.984	*1.850*				*1.575*	*.787*	*2.756*	*.512*	*2175*			*VBMT 221*
	16	3/8	C4	33.0	68.0	35°	3	C4-SVQBR/L-18090-16HP	40	25.0	90.0	18.0	150	3.0	0.48	VBMT 16 04 08
				1.299	*2.677*				*1.575*	*.984*	*3.543*	*.709*	*2175*			*VBMT 332*
			C5	33.0	67.0	35°	3	C5-SVQBR/L-18090-16HP	50	25.0	90.0	18.0	150	3.0	0.68	VBMT 16 04 08
				1.299	*2.638*				*1.969*	*.984*	*3.543*	*.709*	*2175*			*VBMT 332*
			C6	40.0	94.0	35°	3	C6-SVQBR/L-22120-16HP	63	32.0	120.0	22.0	150	3.0	1.36	VBMT 16 04 08
				1.575	*3.701*				*2.480*	*1.260*	*4.724*	*.866*	*2175*			*VBMT 332*

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

			Spare parts			
		CZC_{MS}	Insert screw	Shim	Shim screw	Nozzle
11	1/4	C4	5513 020-20			5691 026-13
16	3/8	C4-C5	5513 020-10			5691 026-13
16	3/8	C6	5513 020-01	5322 270-01	5512 090-01	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® 107 cutting unit for turning

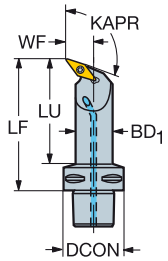
Screw clamp design

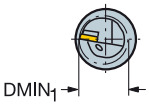
Coromant Capto® - Internal coolant supply

KAPR 107.5°
PSIR -17.5°









VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

									Dimensions, mm, inch							
			CZC_{MS}	$DMIN_1$	LU	RMPX	CNSC	Ordering code	DCON	BD_1	LF	WF	BAR PSI	NM	KG	MIID
 RMPX	11	1/4	C3	22.0	53.0	35°	3	C3-SVQBR/L-13070-11-B1	32	16.0	70.0	13.0	10	0.9	0.21	VBMT 11 03 04
				.866	*2.087*				*1.260*	*.630*	*2.756*	*.512*	*145*			*VBMT 221*
			C4	25.0	47.0	35°	3	C4-SVQBR/L-13070-11-B1	40	20.0	70.0	13.0	10	0.9	0.38	VBMT 11 03 04
				.984	*1.850*				*1.575*	*.787*	*2.756*	*.512*	*145*			*VBMT 221*
			C4	27.0	57.0	35°	3	C4-SVQBR-15080-11-B1	40	20.0	80.0	15.0	10	0.9	0.40	VBMT 11 03 04
				1.063	*2.244*				*1.575*	*.787*	*3.150*	*.591*	*145*			*VBMT 221*
			C4	25.0	48.0	35°	3	C4-SVQBR-13070-11	40	20.0	70.0	13.0	10	0.9	0.38	VBMT 11 02 04
				.984	*1.890*				*1.575*	*.787*	*2.756*	*.512*	*145*			*VBMT 2(1.5)1*
			C4	27.0	58.0	35°	3	C4-SVQBR-15080-11	40	20.0	80.0	15.0	10	0.9	0.40	VBMT 11 02 04
				1.063	*2.283*				*1.575*	*.787*	*3.150*	*.591*	*145*			*VBMT 2(1.5)1*
			C5	27.0	56.0	35°	3	C5-SVQBR/L-15080-11-B1	50	20.0	80.0	15.0	10	0.9	0.65	VBMT 11 03 04
				1.063	*2.205*				*1.969*	*.787*	*3.150*	*.591*	*145*			*VBMT 221*
			C5	27.0	57.0	35°	3	C5-SVQBR-15080-11	50	20.0	80.0	15.0	10	0.9	0.65	VBMT 11 02 04
				1.063	*2.244*				*1.969*	*.787*	*3.150*	*.591*	*145*			*VBMT 2(1.5)1*
	16	3/8	C4	33.0	68.0	35°	3	C4-SVQBR/L-18090-16	40	25.0	90.0	18.0	10	3.0	0.50	VBMT 16 04 08
				1.299	*2.677*				*1.575*	*.984*	*3.543*	*.709*	*145*			*VBMT 332*
			C4	40.0	89.0	35°	3	C4-SVQBR/L-22110-16	40	32.0	110.0	22.0	10	3.0	0.73	VBMT 16 04 08
				1.575	*3.504*				*1.575*	*1.260*	*4.331*	*.866*	*145*			*VBMT 332*
			C4	50.0	100.0	35°	3	C4-SVQBR/L-27120-16	40	40.0	120.0	27.0	10	3.0	0.99	VBMT 16 04 08
				1.969	*3.937*				*1.575*	*1.575*	*4.724*	*1.063*	*145*			*VBMT 332*
			C5	63.0	80.0	35°	3	C5-SVQBL-35100-16	50	50.0	100.0	35.0	10	3.0	1.28	VBMT 16 04 08
				2.480	*3.150*				*1.969*	*1.969*	*3.937*	*1.378*	*145*			*VBMT 332*
			C5	33.0	67.0	35°	3	C5-SVQBR/L-18090-16	50	25.0	90.0	18.0	10	3.0	0.68	VBMT 16 04 08
				1.299	*2.638*				*1.969*	*.984*	*3.543*	*.709*	*145*			*VBMT 332*
			C5	40.0	88.0	35°	3	C5-SVQBR/L-22110-16	50	32.0	110.0	22.0	10	3.0	0.93	VBMT 16 04 08
				1.575	*3.465*				*1.969*	*1.260*	*4.331*	*.866*	*145*			*VBMT 332*
			C5	50.0	119.0	35°	3	C5-SVQBR/L-27140-16	50	40.0	140.0	27.0	10	3.0	1.38	VBMT 16 04 08
				1.969	*4.685*				*1.969*	*1.575*	*5.512*	*1.063*	*145*			*VBMT 332*
			C5	63.0	130.0	35°	3	C5-SVQBR-35150-16	50	50.0	150.0	35.0	10	3.0	2.01	VBMT 16 04 08
				2.480	*5.118*				*1.969*	*1.969*	*5.906*	*1.378*	*145*			*VBMT 332*
			C6	40.0	94.0	35°	3	C6-SVQBR/L-22120-16	63	32.0	120.0	22.0	10	3.0	1.33	VBMT 16 04 08
				1.575	*3.701*				*2.480*	*1.260*	*4.724*	*.866*	*145*			*VBMT 332*
			C6	50.0	120.0	35°	3	C6-SVQBR/L-27145-16	63	40.0	145.0	27.0	10	3.0	1.76	VBMT 16 04 08
				1.969	*4.724*				*2.480*	*1.575*	*5.709*	*1.063*	*145*			*VBMT 332*
			C6	63.0	151.0	35°	3	C6-SVQBR/L-35175-16	63	50.0	175.0	35.0	10	3.0	2.89	VBMT 16 04 08
				2.480	*5.945*				*2.480*	*1.969*	*6.890*	*1.378*	*145*			*VBMT 332*

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts		
Ordering code	Screw	Shim	Shim screw
Cx-SVQBR/L-xxxxx-11-B1	5513 020-20		
Cx-SVQBR/L-xxxxx-11	5513 020-03		
Cx-SVQBR/L-18xxx-16	5513 020-10		
Cx-SVQBR/L-22/27/35xxx-16	5513 020-01	5322 270-02	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 E3 G2 H37 H10 H5

CoroTurn® 107 cutting unit for back boring

Screw clamp design

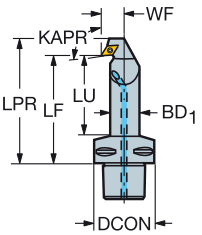
Coromant Capto® - Internal coolant supply

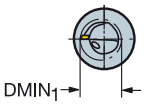
KAPR 93.0°
PSIR -3.0°

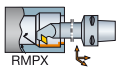




DCMT, DCMX
DCGT, DCGX, DCET
DCMW





									Dimensions, mm, inch								
														BAR PSI	NM	KG	
		IC	CZC_{MS}	$DMIN_1$	LU	RMPX	CNSC	Ordering code	DCON	BD_1	LPR	LF	WF				MIID
 RMPX	07	1/4	C3	27.0	63.9	27°	3	C3-SDUCR-15080-07X	32	20.0	91.5	80.0	15.0	10	0.9	0.28	DCMT 07 02 04
				1.063	*2.516*				*1.260*	*.787*	*3.602*	*3.150*	*.591*	*145*			*DCMT 2(1.5)1*
			C4	22.0	47.3	27°	3	C4-SDUCR/L-13070-07X	40	16.0	81.5	70.0	13.0	10	0.9	0.37	DCMT 07 02 04
				.866	*1.862*				*1.575*	*.630*	*3.209*	*2.756*	*.512*	*145*			*DCMT 2(1.5)1*
			C4	27.0	57.9	27°	3	C4-SDUCR-15080-07X	40	20.0	91.5	80.0	15.0	10	0.9	0.40	DCMT 07 02 04
				1.063	*2.280*				*1.575*	*.787*	*3.602*	*3.150*	*.591*	*145*			*DCMT 2(1.5)1*
			C4	32.0	68.5	27°	3	C4-SDUCR/L-18090-07X	40	25.0	101.5	90.0	18.0	10	0.9	0.54	DCMT 07 02 04
				1.260	*2.697*				*1.575*	*.984*	*3.996*	*3.543*	*.709*	*145*			*DCMT 2(1.5)1*
			C5	32.0	67.2	27°	3	C5-SDUCR/L-18090-07X	50	25.0	101.5	90.0	18.0	10	0.9	0.72	DCMT 07 02 04
				1.260	*2.646*				*1.969*	*.984*	*3.996*	*3.543*	*.709*	*145*			*DCMT 2(1.5)1*
			C5	27.0	56.5	27°	3	C5-SDUCR-15080-07X	50	20.0	91.5	80.0	15.0	10	0.9	0.60	DCMT 07 02 04
				1.063	*2.224*				*1.969*	*.787*	*3.602*	*3.150*	*.591*	*145*			*DCMT 2(1.5)1*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts
Screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

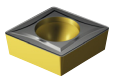
A36 F2 E3 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

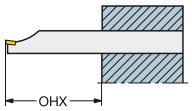
Cylindrical with groove for EasyFix sleeve - Precision coolant supply

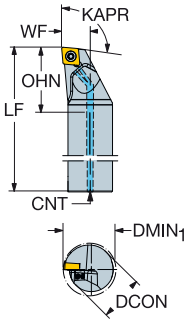




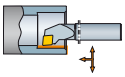
CCMT, CCGT
CCGX, CCET
CCMW

KAPR 95.0°
PSIR -5.0°

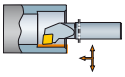




Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	CNT	BAR	NM	KG	MIID
	09	20	25.0	80.0	33.8	1	A20S-SCLCR/L 09HP-R	20	250.0	13.0	G1/8	275	3.0	0.58	CCMT 09 T3 08
		25	32.0	100.0	32.8	1	A25T-SCLCR/L 09HP-R	25	300.0	17.0	G1/8	275	3.0	1.02	CCMT 09 T3 08
	12	25	32.0	100.0	37.9	1	A25T-SCLCR/L 12HP-R	25	300.0	17.0	G1/8	275	3.0	1.03	CCMT 12 04 08

Inch version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	3/4	.929	3.000	1.327	1	A12S-SCLCR/L 3HP-R	.750	10.000	.500	G1/8	3988	2.2	1.175	CCMT 3(2.5)2
		1	1.201	4.000	1.291	1	A16T-SCLCR/L 3HP-R	1.000	12.000	.640	G1/8	3988	2.2	2.365	CCMT 3(2.5)2
	1/2	1	1.201	4.000	1.496	1	A16T-SCLCR/L 4HP-R	1.000	12.000	.640	G1/8	3988	2.2	1.980	CCMT 432

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts	
Ordering code	Insert screw	Nozzle
A12S-SCLCR/L 3HP-R	5513 020-09	5691 026-13
A16T-SCLCR/L 3HP-R	5513 020-10	5691 026-13
A20S-SCLCR/L 09HP-R	5513 020-09	5691 026-13
A25T-SCLCR/L 09HP-R	5513 020-10	5691 026-13
A16T-SCLCR/L 4HP-R	5513 020-17	5691 026-13
A25T-SCLCR/L 12HP-R	5513 020-17	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

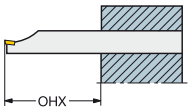
CoroTurn® 107 boring bar for turning

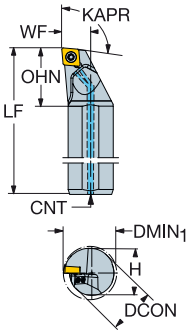
Screw clamp design

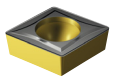
Cylindrical with flats - Precision coolant supply

KAPR 95.0°
PSIR -5.0°



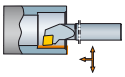




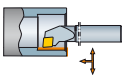


CCMT, CCGT
CCGX, CCET
CCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
	09	20	25.0	80.0	33.0	1	A20S-SCLCR/L 09HP	20	18.0	250.0	13.0	G1/8	275	3.0	0.55	CCMT 09 T3 08
		25	32.0	100.0	32.0	1	A25T-SCLCR/L 09HP	25	23.0	300.0	17.0	G1/8	275	3.0	0.95	CCMT 09 T3 08
	12	25	32.0	100.0	37.2	1	A25T-SCLCR/L 12HP	25	23.0	300.0	17.0	G1/8	275	3.0	0.96	CCMT 12 04 08

Inch version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	3/4	.929	3.000	1.280	1	A12S-SCLCR/L 3HP	.750	.709	10.000	.500	G1/8	3988	2.2	1.210	CCMT 3(2.5)2
		1	1.201	4.000	1.272	1	A16T-SCLCR/L 3HP	1.000	.906	12.000	.640	G1/8	3988	2.2	2.265	CCMT 3(2.5)2
	1/2	1	1.201	4.000	1.469	1	A16T-SCLCR/L 4HP	1.000	.906	12.000	.640	G1/8	3988	2.2	2.269	CCMT 432

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts	
Ordering code	Insert screw	Nozzle
A12S-SCLCR/L 3HP	5513 020-09	5691 026-13
A16T-SCLCR/L 3HP	5513 020-10	5691 026-13
A20S-SCLCR/L 09HP	5513 020-09	5691 026-13
A25T-SCLCR/L 09HP	5513 020-10	5691 026-13
A16T-SCLCR/L 4HP	5513 020-17	5691 026-13
A25T-SCLCR/L 12HP	5513 020-17	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

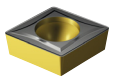
A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

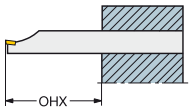


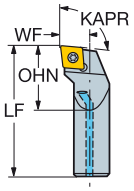


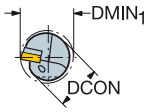
CCMT, CCGT
CCGX, CCET

CCMW

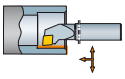
KAPR 95.0°
PSIR -5.0°



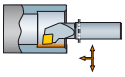




Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	06	8	10.0	32.0	12.0	1	A08H-SCLCR/L 06-R	8	100.0	5.0	10	0.9	0.05	CCMT 06 02 04
		10	12.0	40.0	15.0	1	A10K-SCLCR/L 06-R	10	125.0	6.0	10	0.9	0.08	CCMT 06 02 04
		12	16.0	48.0	18.0	1	A12M-SCLCR/L 06-R	12	150.0	9.0	10	0.9	0.14	CCMT 06 02 04
		16	20.0	64.0	24.0	1	A16R-SCLCR/L 06-R	16	200.0	11.0	10	0.9	0.26	CCMT 06 02 04
	09	16	20.0	64.0	24.0	1	A16R-SCLCR/L 09-R	16	200.0	11.0	10	3.0	0.32	CCMT 09 T3 08
		20	25.0	80.0	30.0	1	A20S-SCLCR/L 09-R	20	250.0	13.0	10	3.0	0.58	CCMT 09 T3 08

Inch version

		IC	CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	3/8	.480	1.500	.563	1	A06M-SCLCR/L 2-R	.375	6.000	.250	145	0.5	0.202	CCMT 2(1.5)1
		1/2	.598	2.000	.750	1	A08M-SCLCR/L 2-R	.500	6.000	.312	145	0.5	0.352	CCMT 2(1.5)1
		5/8	.772	2.500	.938	1	A10R-SCLCR/L 2-R	.625	8.000	.406	145	0.5	0.645	CCMT 2(1.5)1
	3/8	5/8	.772	2.500	.938	1	A10R-SCLCR/L 3-R	.625	8.000	.406	145	2.2	0.689	CCMT 3(2.5)2
		3/4	.929	3.000	1.125	1	A12S-SCLCR/L 3-R	.750	10.000	.500	145	2.2	1.241	CCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts
CZC$_{MS}$	Insert screw
06	8-12	5513 020-46
06	16	5513 020-03
09	16-20	5513 020-09

Inch version

	Spare parts
CZC$_{MS}$	Insert screw
1/4	3/8-1/2	5513 020-46
1/4	5/8	5513 020-03
3/8	5/8-3/4	5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

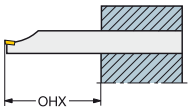
CoroTurn® 107 boring bar for turning

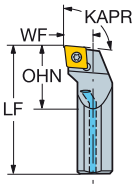
Screw clamp design

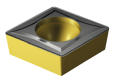
Cylindrical with flats - Internal coolant supply

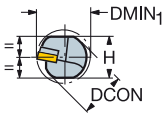
KAPR 95.0°
PSIR -5.0°







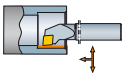




CCMT, CCGT
CCGX, CCET

CCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	BAR	NM	KG	MIID
	06	8	10.0	32.0	12.0	1	A08H-SCLCR/L 06	8	7.0	100.0	5.0	10	0.9	0.05	CCMT 06 02 04
		10	12.0	40.0	15.0	1	A10K-SCLCR/L 06	10	9.0	125.0	6.0	10	0.9	0.08	CCMT 06 02 04
		12	16.0	48.0	18.0	1	A12M-SCLCR/L 06	12	11.0	150.0	9.0	10	0.9	0.13	CCMT 06 02 04
		16	20.0	64.0	24.0	1	A16R-SCLCR/L 06	16	15.0	200.0	11.0	10	0.9	0.26	CCMT 06 02 04
	09	16	20.0	64.0	24.0	1	A16R-SCLCR/L 09	16	15.0	200.0	11.0	10	3.0	0.32	CCMT 09 T3 08
		20	25.0	80.0	30.0	1	A20S-SCLCR/L 09	20	18.0	250.0	13.0	10	3.0	0.40	CCMT 09 T3 08
		25	32.0	100.0	37.5	1	A25T-SCLCR/L 09	25	23.0	300.0	17.0	10	3.0	0.95	CCMT 09 T3 08
	12	25	32.0	100.0	37.5	1	A25T-SCLCR/L 12	25	23.0	300.0	17.0	10	3.0	0.95	CCMT 12 04 08
		32	40.0	128.0	48.0	1	A32T-SCLCR/L 12	32	30.0	300.0	22.0	10	3.0	1.67	CCMT 12 04 08
		40	50.0	160.0	60.0	1	A40T-SCLCR/L 12	40	37.0	300.0	27.0	10	3.0	2.52	CCMT 12 04 08

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts		
CZC$_{MS}$	Insert screw	Shim	Shim screw
06	8-12	5513 020-46		
06	16	5513 020-03		
09	16-20	5513 020-09		
09	25	5513 020-10		
12	25	5513 020-17		
12	32-40	5513 020-18	5322 232-02	5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


G2



H37



H12



H5

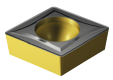
CoroTurn® 107 boring bar for turning

Screw clamp design

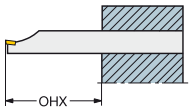
Cylindrical with flats - Internal coolant supply

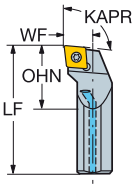
KAPR 95.0°
PSIR -5.0°

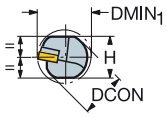




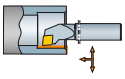
CCMT, CCGT
CCGX, CCET
CCMW







Inch version

	IC	CZC_{MS}	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	3/8	.480	1.500	.563	1	A06M-SCLCR/L 2	.375	.336	6.000	.250	145	0.7	0.200	CCMT 2(1.5)1
		1/2	.598	2.000	.750	1	A08M-SCLCR/L 2	.500	.460	6.000	.312	145	0.5	0.315	CCMT 2(1.5)1
		5/8	.772	2.500	.938	1	A10R-SCLCR/L 2	.625	.562	8.000	.406	145	0.7	0.614	CCMT 2(1.5)1
	3/8	5/8	.772	2.500	.938	1	A10R-SCLCR/L 3	.625	.562	8.000	.406	145	2.2	0.691	CCMT 3(2.5)2
		3/4	.929	3.000	1.125	1	A12S-SCLCR/L 3	.750	.709	10.000	.500	145	2.2	1.254	CCMT 3(2.5)2
		1	1.201	4.000	1.500	1	A16T-SCLCR/L 3	1.000	.906	12.000	.640	145	2.2	2.246	CCMT 3(2.5)2
	1/2	1	1.201	4.000	1.500	1	A16T-SCLCR/L 4	1.000	.906	12.000	.640	145	2.2	2.259	CCMT 432
		1 1/4	1.469	5.000	1.875	1	A20T-SCLCR/L 4	1.250	1.181	12.000	.765	145	2.2	3.755	CCMT 432
		1 1/2	1.760	6.000	2.250	1	A24T-SCLCR/L 4	1.500	1.374	12.000	.890	145	2.2	4.928	CCMT 432

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts		
IC	CZC_{MS}	Insert screw	Shim	Shim screw
1/4	3/8-1/2	5513 020-46		
1/4	5/8	5513 020-03		
3/8	5/8-3/4	5513 020-09		
3/8	1	5513 020-10		
1/2	1	5513 020-17		
1/2	1 1/4-1 1/2	5513 020-18	5322 232-02	5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

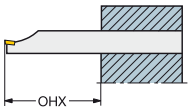
Screw clamp design

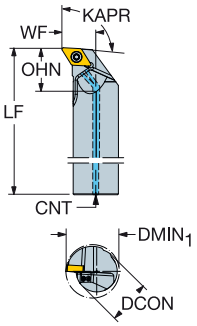
Cylindrical with groove for EasyFix sleeve - Precision coolant supply

KAPR 93.0°
PSIR -3.0°



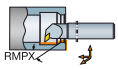




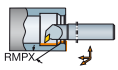


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	CNT	BAR	NM	KG	MIID
	07	20	25.0	27°	80.0	23.1	1	A20S-SDUCR/L 07HP-R	20	250.0	13.0	G1/8	275	0.9	0.58	DCMT 07 02 04
	11	20	25.0	27°	80.0	22.3	1	A20S-SDUCR/L 11HP-R	20	250.0	13.0	G1/8	275	3.0	0.58	DCMT 11 T3 08
		25	32.0	27°	100.0	28.7	1	A25T-SDUCR/L 11HP-R	25	300.0	17.0	G1/8	275	3.0	1.03	DCMT 11 T3 08

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	1/4	3/4	1.051	27°	3.000	.827	1	A12S-SDUCR/L 2HP-R	.750	10.000	.625	G1/8	3988	0.7	1.078	DCMT 2(1.5)1
	3/8	3/4	1.051	27°	3.000	.929	1	A12S-SDUCR/L 3HP-R	.750	10.000	.625	G1/8	3988	2.2	1.210	DCMT 3(2.5)2
		1	1.299	27°	4.000	.984	1	A16T-SDUCR/L 3HP-R	1.000	12.000	.750	G1/8	3988	2.2	1.980	DCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts	
CZC$_{MS}$	Insert screw	Nozzle
20	5513 020-03	5691 026-13
20	5513 020-09	5691 026-13
25	5513 020-10	5691 026-13

Inch version

	Spare parts	
CZC$_{MS}$	Insert screw	Nozzle
3/4	5513 020-03	5691 026-13
3/4	5513 020-09	5691 026-13
1	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

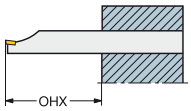
Screw clamp design

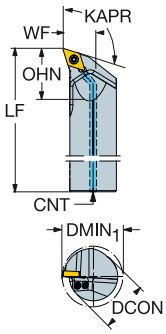
Cylindrical with groove for EasyFix sleeve - Precision coolant supply

KAPR 107.5°
PSIR -17.5°









DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	LF	WF	CNT	BAR	NM	KG	MIID
								Dimensions, mm							
RMPX	07	20	25.0	17°	80.0	22.2	1	A20S-SDQCR/L 07HP-R	20	250.0	13.0	G1/8	275	0.9	0.56	DCMT 07 02 04
	11	25	32.0	17°	100.0	28.0	1	A25T-SDQCR/L 11HP-R	25	300.0	17.0	G1/8	275	3.0	1.02	DCMT 11 T3 08

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
									Dimensions, inch							
RMPX	1/4	3/4	.980	17°	3.000	.866	1	A12S-SDQCR/L 2HP-R	.750	10.000	.562	G1/8	3988	0.7	1.210	DCMT 2(1.5)1
	3/8	3/4	.980	17°	3.000	.953	1	A12S-SDQCR/L 3HP-R	.750	10.000	.562	G1/8	3988	2.2	1.210	DCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts	
CZC$_{MS}$	Insert screw	Nozzle
07 20	5513 020-03	5691 026-13
11 25	5513 020-10	5691 026-13

Inch version

	Spare parts	
IC CZC$_{MS}$	Insert screw	Nozzle
1/4 3/4	5513 020-03	5691 026-13
3/8 3/4	5513 020-09	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

CoroTurn® 107 boring bar for turning

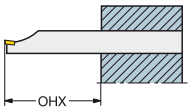
Screw clamp design

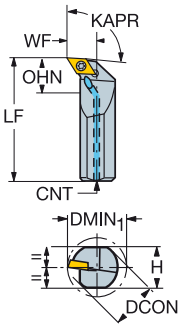
Cylindrical with flats - Precision coolant supply

KAPR 93.0°
PSIR -3.0°



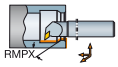




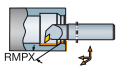


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
	07	20	25.0	27°	80.0	22.2	1	A20S-SDUCR/L 07HP	20	18.0	250.0	13.0	G1/8	275	0.9	0.55	DCMT 07 02 04
	11	20	25.0	27°	80.0	22.0	1	A20S-SDUCR/L 11HP	20	18.0	250.0	13.0	G1/8	275	3.0	0.55	DCMT 11 T3 08
		25	32.0	27°	100.0	28.5	1	A25T-SDUCR/L 11HP	25	23.0	300.0	17.0	G1/8	275	3.0	0.95	DCMT 11 T3 08

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	1/4	3/4	1.051	27°	3.000	.799	1	A12S-SDUCR/L 2HP	.750	.709	10.000	.625	G1/8	3988	0.7	1.210	DCMT 2(1.5)1
	3/8	3/4	1.051	27°	3.000	.917	1	A12S-SDUCR/L 3HP	.750	.709	10.000	.625	G1/8	3988	2.2	1.210	DCMT 3(2.5)2
		1	1.299	27°	4.000	1.000	1	A16T-SDUCR/L 3HP	1.000	.906	12.000	.750	G1/8	3988	2.2	2.296	DCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts	
CZC$_{MS}$	Insert screw	Nozzle
07 20	5513 020-03	5691 026-13
11 20	5513 020-09	5691 026-13
11 25	5513 020-10	5691 026-13

Inch version

	Spare parts	
IC CZC$_{MS}$	Insert screw	Nozzle
1/4 3/4	5513 020-03	5691 026-13
3/8 3/4	5513 020-09	5691 026-13
3/8 1	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

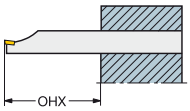
Screw clamp design

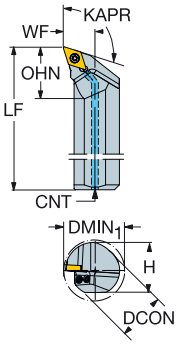
Cylindrical with flats - Precision coolant supply

KAPR 107.5°
PSIR -17.5°



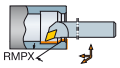




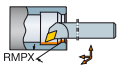


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
	07	20	25.0	17°	80.0	21.2	1	**A20S-SDQCR/L 07HP**	20	18.0	250.0	13.0	G1/8	275	0.9	0.55	DCMT 07 02 04
	11	25	32.0	17°	100.0	27.8	1	**A25T-SDQCR/L 11HP**	25	23.0	300.0	17.0	G1/8	275	3.0	0.94	DCMT 11 T3 08

Inch version

		IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	1/4	3/4	.980	17°	3.000	.783	1	**A12S-SDQCR/L 2HP**	.750	.709	10.000	.562	G1/8	3988	0.7	1.210	DCMT 2(1.5)1

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts	
	IC	Insert screw	Nozzle
07	1/4	5513 020-03	5691 026-13
11	3/8	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

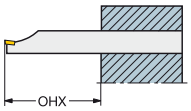
CoroTurn® 107 boring bar for turning

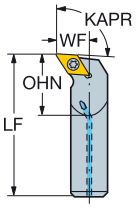
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

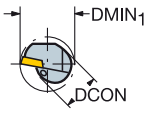
KAPR 93.0°
PSIR -3.0°





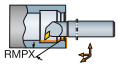




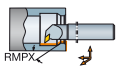


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	07	10	15.0	27°	40.0	15.0	1	A10K-SDUCR/L 07-ER	10	125.0	9.0	10	0.9	0.08	DCMT 07 02 04
		12	18.0	27°	48.0	18.0	1	A12M-SDUCR/L 07-ER	12	150.0	11.0	10	0.9	0.13	DCMT 07 02 04
		16	20.0	27°	64.0	24.0	1	A16R-SDUCR/L 07-R	16	200.0	11.0	10	0.9	0.31	DCMT 07 02 04
	11	20	25.0	27°	80.0	30.0	1	A20S-SDUCR/L 11-R	20	250.0	13.0	10	3.0	0.59	DCMT 11 T3 08

Inch version

		IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	3/8	.598	27°	1.500	.563	1	A06M-SDUCR 2-R	.375	6.000	.375	145	0.7	0.200	DCMT 2(1.5)1
		1/2	.728	27°	2.000	.750	1	A08M-SDUCR 2-R	.500	6.000	.438	145	0.7	0.330	DCMT 2(1.5)1
		5/8	.850	27°	2.500	.938	1	A10R-SDUCR/L 2-R	.625	8.000	.500	145	0.7	0.660	DCMT 2(1.5)1
	3/8	3/4	1.051	27°	3.000	1.125	1	A12S-SDUCR/L 3-R	.750	10.000	.625	145	2.2	1.188	DCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts
CZC$_{MS}$	Insert screw
07 10-16	5513 020-03
11 20	5513 020-09

Inch version

	Spare parts
IC CZC$_{MS}$	Insert screw
1/4 3/8-5/8	5513 020-03
3/8 3/4	5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

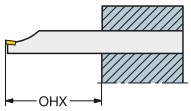
CoroTurn® 107 boring bar for turning

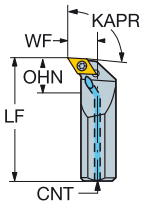
Screw clamp design

Cylindrical with flats - Internal coolant supply

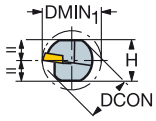
KAPR 93.0°
PSIR -3.0°





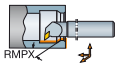




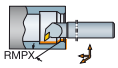


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	BAR	NM	KG	MIID
	07	10	13.0	27°	40.0	15.0	1	A10K-SDUCR/L 07	10	9.0	125.0	7.0	10	0.9	0.08	DCMT 07 02 04
		12	16.0	27°	48.0	18.0	1	A12M-SDUCR/L 07	12	11.0	150.0	9.0	10	0.9	0.13	DCMT 07 02 04
		16	20.0	27°	64.0	24.0	1	A16R-SDUCR/L 07	16	15.0	200.0	11.0	10	0.9	0.31	DCMT 07 02 04
	11	20	25.0	27°	80.0	30.0	1	A20S-SDUCR/L 11	20	18.0	250.0	13.0	10	3.0	0.46	DCMT 11 T3 08
		25	32.0	27°	100.0	37.5	1	A25T-SDUCR/L 11	25	23.0	300.0	17.0	10	3.0	0.95	DCMT 11 T3 08

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	3/8	.598	27°	1.500	.563	1	A06M-SDUCR/L 2	.375	.336	6.000	.375	145	0.7	0.198	DCMT 2(1.5)1
		1/2	.728	27°	2.000	.750	1	A08M-SDUCR/L 2	.500	.460	6.000	.438	145	0.7	0.319	DCMT 2(1.5)1
		5/8	.850	27°	2.500	.938	1	A10R-SDUCR/L 2	.625	.562	8.000	.500	145	0.7	0.660	DCMT 2(1.5)1
	3/8	3/4	1.051	27°	3.000	1.125	1	A12S-SDUCR/L 3	.750	.709	10.000	.625	145	2.2	1.179	DCMT 3(2.5)2
		1	1.299	27°	4.000	1.500	1	A16T-SDUCR/L 3	1.000	.906	12.000	.750	145	2.2	2.266	DCMT 3(2.5)2
		1 1/4	1.579	27°	5.000	1.875	1	A20T-SDUCR/L 3	1.250	1.181	12.000	.875	145	2.2	3.755	DCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts
CZC$_{MS}$	Insert screw
07 10	5513 020-48
07 12-16	5513 020-03
11 20	5513 020-09
11 25	5513 020-10

Inch version

	Spare parts		
IC CZC$_{MS}$	Insert screw	Shim	Shim screw
1/4 3/8-5/8	5513 020-03		
3/8 3/4	5513 020-09		
3/8 1	5513 020-10		
3/8 1 1/4	5513 020-01	5322 263-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

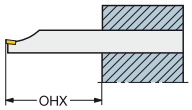




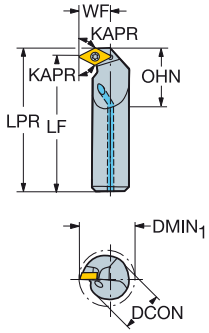
DCMT, DCMX
DCGT, DCGX, DCET

DCMW

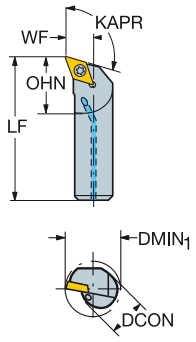
KAPR
PSIR



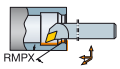
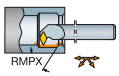
A..SDXCR/L-R
62.5°
27.5°



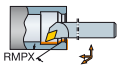
A..SDQCR/L -R
107.5°
-17.5°



Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
	07	10	13.0	17°	40.0	15.0	1	**A10K-SDQCR/L 07-R**	10		125.0	7.0	10	0.9	0.08	DCMT 07 02 04
		12	16.0	17°	48.0	18.0	1	**A12M-SDQCR/L 07-R**	12		150.0	9.0	10	0.9	0.13	DCMT 07 02 04
		16	20.0	17°	64.0	24.0	1	**A16R-SDQCR/L 07-R**	16		200.0	11.0	10	0.9	0.31	DCMT 07 02 04
	11	20	25.0	17°	80.0	30.0	1	**A20S-SDQCR/L 11-R**	20		250.0	13.0	10	3.0	0.58	DCMT 11 T3 08
	07	12	16.0	60°	48.0	18.0	1	**A12M-SDXCR/L 07-R**	12	155.1	150.0	9.0	10	0.9	0.13	DCMT 07 02 04
		16	20.0	60°	64.0	24.0	1	**A16R-SDXCR/L 07-R**	16	205.1	200.0	11.0	10	0.9	0.30	DCMT 07 02 04
	11	20	25.0	60°	80.0	30.0	1	**A20S-SDXCR/L 11-R**	20	256.8	250.0	13.0	10	3.0	0.59	DCMT 11 T3 08

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	3/8	.598	17°	1.500	.563	1	**A06M-SDQCR 2-R**	.375	6.000	.375	145	0.7	0.194	DCMT 2(1.5)1
	3/8	3/4	.980	17°	3.000	1.125	1	**A12S-SDQCR 3-R**	.750	10.000	.562	145	2.2	1.012	DCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts
CZC$_{MS}$	Insert screw
07 10-16	5513 020-03
11 20	5513 020-09

Inch version

	Spare parts
CZC$_{MS}$	Insert screw
1/4 3/8	5513 020-03
3/8 3/4	5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

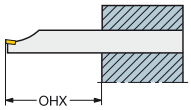
CoroTurn® 107 boring bar for turning

Screw clamp design

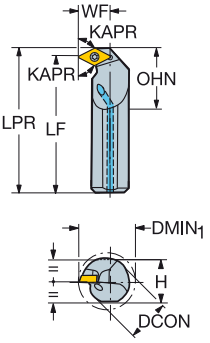
Cylindrical with flats - Internal coolant supply



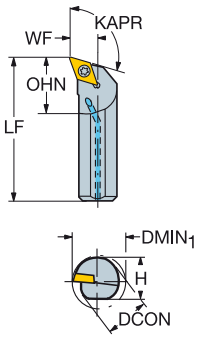
KAPR
PSIR



A..SDXCR/L
62.5°
27.5°



A..SDQCR/L
107.5°
-17.5°





DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	H	LPR	LF	WF	BAR	NM	KG	MIID
									Dimensions, mm								
RMPX	07	10	13.0	17°	40.0	15.0	1	A10K-SDQCR/L 07	10	9.0		125.0	7.0	10	0.9	0.08	DCMT 07 02 04
		12	16.0	17°	48.0	18.0	1	A12M-SDQCR/L 07	12	11.0		150.0	9.0	10	0.9	0.13	DCMT 07 02 04
		16	20.0	17°	64.0	24.0	1	A16R-SDQCR/L 07	16	15.0		200.0	11.0	10	0.9	0.31	DCMT 07 02 04
	11	20	25.0	17°	80.0	30.0	1	A20S-SDQCR/L 11	20	18.0		250.0	13.0	10	3.0	0.56	DCMT 11 T3 08
		25	32.0	17°	100.0	37.5	1	A25T-SDQCR/L 11	25	23.0		300.0	17.0	10	3.0	0.94	DCMT 11 T3 08
RMPX	07	12	16.0	60°	48.0	18.0	1	A12M-SDXCR/L 07	12	11.0	155.1	150.0	9.0	10	0.9	0.13	DCMT 07 02 04
		16	20.0	60°	64.0	24.0	1	A16R-SDXCR/L 07	16	15.0	205.1	200.0	11.0	10	0.9	0.29	DCMT 07 02 04
	11	20	25.0	60°	80.0	30.0	1	A20S-SDXCR/L 11	20	18.0	256.8	250.0	13.0	10	3.0	0.56	DCMT 11 T3 08
		25	32.0	60°	100.0	37.5	1	A25T-SDXCR/L 11	25	23.0	306.8	300.0	17.0	10	3.0	0.96	DCMT 11 T3 08

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	H	LPR	LF	WF	PSI	FT/LBS	LBS	MIID
									Dimensions, inch								
RMPX	1/4	3/8	.598	17°	1.500	.563	1	A06M-SDQCR 2	.375	.336		6.000	.375	145	0.7	0.183	DCMT 2(1.5)1
		1/2	.728	17°	2.000	.750	1	A08M-SDQCR/L 2	.500	.460		6.000	.437	145	0.7	0.317	DCMT 2(1.5)1
		5/8	.850	17°	2.500	.938	1	A10R-SDQCR/L 2	.625	.562		8.000	.500	145	0.7	0.609	DCMT 2(1.5)1
	3/8	3/4	.980	17°	3.000	1.125	1	A12S-SDQCR/L 3	.750	.709		10.000	.562	145	2.2	1.012	DCMT 3(2.5)2
		1	1.299	17°	4.000	1.500	1	A16T-SDQCR/L 3	1.000	.906		12.000	.750	145	2.2	2.255	DCMT 3(2.5)2
RMPX	1/4	1/2	.681	60°	2.000	.750	1	A08M-SDXCR/L 2	.500	.460	6.201	6.000	.392	145	0.7	0.440	DCMT 2(1.5)1
		5/8	.850	60°	2.500	.938	1	A10R-SDXCR/L 2	.625	.562	8.201	8.000	.486	145	0.7	0.616	DCMT 2(1.5)1
	3/8	3/4	1.012	60°	3.000	1.125	1	A12S-SDXCR/L 3	.750	.709	10.268	10.000	.580	145	2.2	1.181	DCMT 3(2.5)2
		1	1.280	60°	4.000	1.500	1	A16T-SDXCR/L 3	1.000	.906	12.268	12.000	.720	145	2.2	2.300	DCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts
Ordering code	Insert screw
Axxx-SDQCR/L 2	5513 020-03
Axxx-SDQCR/L 07	5513 020-03
A12S-xxxxR/L 3	5513 020-09
A20S-xxxxR/L 11	5513 020-09
A16T-xxxxR/L 3	5513 020-10
A25T-xxxxR/L 11	5513 020-10

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

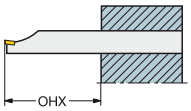
Screw clamp design

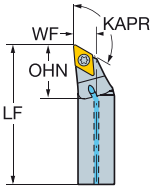
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

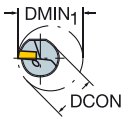
KAPR 117.5°
PSIR -27.5°





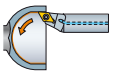




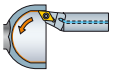


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	07	16	20.0	5°	64.0	24.0	1	A16K-SDXCR/L 07-R	16	125.0	9.0	10	0.9	0.17	DCMT 07 02 04
	11	20	25.0	3°	80.0	30.0	1	A20M-SDXCR/L 11-R	20	150.0	12.0	10	3.0	0.33	DCMT 11 T3 08

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	5/8	20.0	5°	63.5	23.8	1	A10K-SDXCR/L 2-R	15	125.0	9.0	10	0.9	0.18	DCMT 07 02 04
	3/8	3/4	25.0	3°	76.2	30.0	1	A12M-SDXCR/L 3-R	19	150.0	12.0	10	3.0	0.31	DCMT 11 T3 08

DMIN1 valid in combination with clamping unit R/LC2090.
For inserts and cutting data, see rotating tools catalog.

R = Right hand, L = Left hand

Metric version

	Spare parts
CZC$_{MS}$	Insert screw
07 16	5513 020-03
11 20	5513 020-09

Inch version

	Spare parts
IC CZC$_{MS}$	Insert screw
1/4 5/8	5513 020-03
3/8 3/4	5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

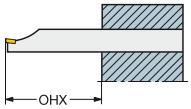
Cylindrical with groove for EasyFix sleeve - Internal coolant supply



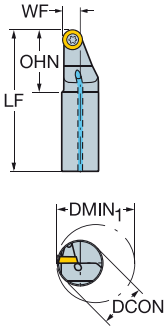


R300

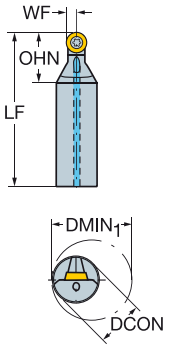
TSYC



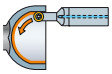
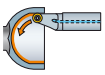
A..SRXDR/L-R



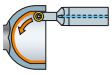
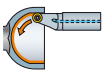
A..SRDDN-R



Metric version

	CZC$_{MS}$	DMIN$_1$	LU	RMPX	OHX	OHN	CNSC	Ordering code	DCON	LF	WF	BAR	NM	KG	MIID
									Dimensions, mm						
	08	16	20.0	12.6	90°	64.0	24.0	1	**A16K-SRDDN 08-R**	16	125.0	4.0	10	0.9	0.18	R300-0828..
	08	20	25.0		0°	80.0	30.0	1	**A20M-SRXDR/L 08-R**	20	150.0	9.0	10	1.2	0.34	R300-0828..
	10	20	25.0		0°	80.0	30.0	1	**A20M-SRXDR/L 10-R**	20	150.0	9.0	10	3.0	0.39	R300-1032..

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	LU	RMPX	OHX	OHN	CNSC	Ordering code	DCON	LF	WF	PSI	FT/LBS	LBS	MIID
										Dimensions, inch						
	08	5/8	.787	.494	90°	2.500	.938	1	**A10K-SRDDN 08-R**	.625	4.921	.157	145	0.7	0.394	R300-0828..
	08	3/4	.984		0°	3.000	1.181	1	**A12M-SRXDR/L 08-R**	.750	5.906	.354	145	0.9	0.682	R300-0828..
	10	3/4	.748		0°	3.000	1.181	1	**A12M-SRXDR/L 10-R**	.750	5.906	.354	145	2.2	0.800	R300-1032..

DMIN1 valid in combination with clamping unit R/LC2090.

For inserts and cutting data, see rotating tools catalog.

N = Neutral, R = Right hand, L = Left hand

Metric version

	Spare parts
CZC$_{MS}$	Insert screw
08 16	5513 020-43
08 20	5513 020-56
10 20	5513 020-43

Inch version

	Spare parts
CZC$_{MS}$	Insert screw
08 5/8	5513 020-48
08 3/4	5513 020-56
10 3/4	5513 020-43

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

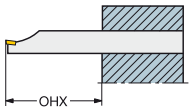
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

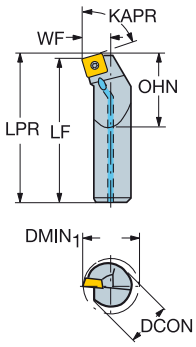




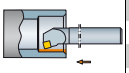
SCMT, SCGX
SCMW

KAPR 75.0°
PSIR 15.0°





Metric version

									Dimensions, mm							
		CZC_{MS}	$DMIN_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	LPR	LF	WF	BAR	NM	KG	MIID
	09	16	20.0	10°	64.0	24.0	1	A16R-SSKCR 09-R	16	202.2	200.0	11.0	10	3.0	0.31	SCMT 09 T3 08
		20	25.0	10°	80.0	30.0	1	A20S-SSKCR 09-R	20	252.2	250.0	13.0	10	3.0	0.59	SCMT 09 T3 08

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-09	

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

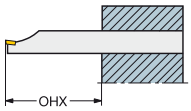
CoroTurn® 107 boring bar for turning

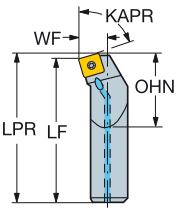
Screw clamp design

Cylindrical with flats - Internal coolant supply

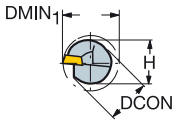
KAPR 75.0°
PSIR 15.0°





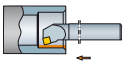






SCMT, SCGX
SCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LPR	LF	WF	BAR	NM	KG	MIID
	09	16	20.0	10°	64.0	24.0	1	A16R-SSKCR/L 09	16	15.0	202.2	200.0	11.0	10	3.0	0.31	SCMT 09 T3 08
		20	25.0	10°	80.0	30.0	1	A20S-SSKCR/L 09	20	18.0	252.2	250.0	13.0	10	3.0	0.56	SCMT 09 T3 08
	12	25	32.0	10°	100.0	37.5	1	A25T-SSKCR/L 12	25	23.0	303.1	300.0	17.0	10	3.0	0.86	SCMT 12 04 08
		32	40.0	10°	128.0	48.0	1	A32T-SSKCR 12	32	30.0	303.1	300.0	22.0	10	3.0	1.68	SCMT 12 04 08

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts			
	CZC$_{MS}$	Insert screw	Shim	Shim screw
09	16-20	5513 020-09		
12	25	5513 020-17		
12	32	5513 020-18	5322 420-02	5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

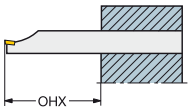
CoroTurn® 107 boring bar for turning

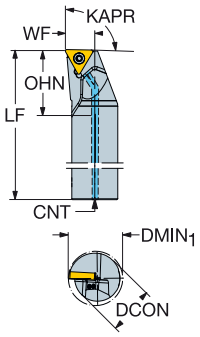
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Precision coolant supply

KAPR 91.0°
PSIR -1.0°





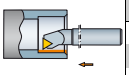




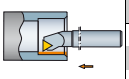
TCMT, TCMX, TCGT, TCGX TCEX

TCMW

Metric version

	IC	CZC_{MS}	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	CNT	BAR	NM	KG	MIID
	11	20	25.0	80.0	27.1	1	A20S-STFCR/L 11HP-RB1	20	250.0	13.0	G1/8	275	0.9	0.57	TCMT 11 03 04
	16	25	32.0	100.0	31.5	1	A25T-STFCR/L 16HP-R	25	300.0	17.0	G1/8	275	3.0	1.04	TCMT 16 T3 08

Inch version

	IC	CZC_{MS}	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	1/4	3/4	.929	3.000	1.067	1	A12S-STFCR/L 2HP-RB1	.750	10.000	.500	G1/8	3988	0.7	1.210	TCMT 221
	3/8	1	1.201	4.000	1.228	1	A16T-STFCR/L 3HP-R	1.000	12.000	.640	G1/8	3988	2.2	1.980	TCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").

	Spare parts	
Ordering code	Insert screw	Nozzle
A12S-STFCR/L 2HP-RB1	5513 020-03	5691 026-23
A20S-STFCR/L 11HP-RB1	5513 020-03	5691 026-23
A16T-STFCR/L 3HP-R	5513 020-10	5691 026-23
A25T-STFCR/L 16HP-R	5513 020-10	5691 026-23

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


G2



H37



H12



H5

CoroTurn® 107 boring bar for turning

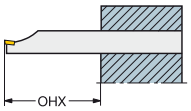
Screw clamp design

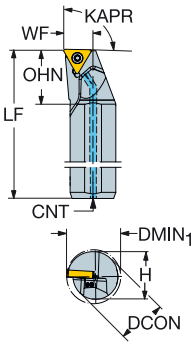
Cylindrical with flats - Precision coolant supply

KAPR 91.0°
PSIR -1.0°









TCMT, TCMX, TCGT, TCGX TCEX

TCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
	16	25	32.0	100.0	31.2	1	**A25T-STFCR/L 16HP**	25	23.0	300.0	17.0	G1/8	275	3.0	0.96	TCMT 16 T3 08

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	1	1.201	4.000	1.209	1	**A16T-STFCR/L 3HP**	1.000	.906	12.000	.640	G1/8	3988	2.2	2.277	TCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-23

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

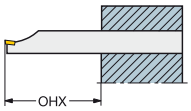
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

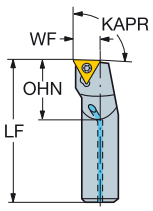
KAPR 91.0°
PSIR -1.0°

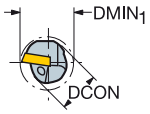




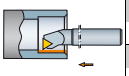
TCMT, TCMX, TCGT, TCGX TCEX
TCMW



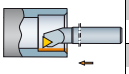




Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	06	6	8.5	24.0	9.0	1	A06F-STFCR/L 06-R	6	80.0	4.5	10	0.6	0.03	TCMT 06 T1 02
		8	11.0	32.0	12.0	1	A08H-STFCR/L 06-R	8	100.0	5.9	10	0.6	0.05	TCMT 06 T1 02
	09	10	13.0	40.0	15.0	1	A10K-STFCR/L 09-R	10	125.0	7.0	10	0.9	0.08	TCMT 09 02 04
		12	16.0	48.0	18.0	1	A12M-STFCR/L 09-R	12	150.0	9.0	10	0.9	0.12	TCMT 09 02 04
	11	12	16.0	48.0	18.0	1	A12M-STFCR/L 11-RB1	12	150.0	9.0	10	0.9	0.13	TCMT 11 03 04
		16	20.0	64.0	24.0	1	A16R-STFCR/L 11-RB1	16	200.0	11.0	10	0.9	0.30	TCMT 11 03 04
		20	25.0	80.0	30.0	1	A20S-STFCR/L 11-RB1	20	250.0	13.0	10	0.9	0.57	TCMT 11 03 04
		25	32.0	100.0	37.5	1	A25T-STFCR/L 11-RB1	25	300.0	17.0	10	0.9	1.02	TCMT 11 03 04

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	5/32	1/4	.343	1.000	.375	1	A04F-STFCR/L 1.2-R	.250	3.250	.172	145	0.4	0.066	TCMT 1.2(1.2)0
		5/16	.413	1.250	.469	1	A05H-STFCR/L 1.2-R	.313	4.000	.219	145	0.4	0.106	TCMT 1.2(1.2)0
	7/32	3/8	.500	1.500	.563	1	A06M-STFCR 1.8-R	.375	6.000	.266	145	0.7	0.194	TCMT 1.8(1.5)1
		1/2	.642	2.000	.750	1	A08M-STFCR 1.8-R	.500	6.000	.344	145	0.7	0.328	TCMT 1.8(1.5)1
	1/4	3/8	.500	1.500	.563	1	A06M-STFCR/L 2-RB1	.375	6.000	.250	145	0.7	0.191	TCMT 221
		1/2	.598	2.000	.750	1	A08M-STFCR/L 2-RB1	.500	6.000	.312	145	0.7	0.266	TCMT 221
		5/8	.772	2.500	.938	1	A10R-STFCR/L 2-RB1	.625	8.000	.406	145	0.7	0.572	TCMT 221
		3/4	.929	3.000	1.125	1	A12S-STFCR 2-RB1	.750	10.000	.500	145	0.7	1.157	TCMT 221

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts
CZC$_{MS}$	Insert screw
06	5513 020-28
06	5513 020-27
09	5513 020-05
11	12-25
	5513 020-03

Inch version

	Spare parts
IC / CZC$_{MS}$	Insert screw
5/32	1/4 5513 020-28
5/32	5/16 5513 020-27
7/32	3/8-1/2 5513 020-05
1/4	3/8-3/4 5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


G2



H37



H12



H5

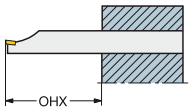
CoroTurn® 107 boring bar for turning

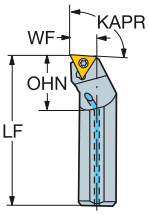
Screw clamp design

Cylindrical with flats - Internal coolant supply

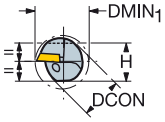
KAPR 91.0°
PSIR -1.0°







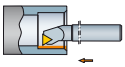




TCMT, TCMX, TCGT, TCGX TCEX

TCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	BAR	NM	KG	MIID
	06	6	8.5	24.0	9.0	1	A06F-STFCR/L 06	6	5.0	80.0	4.5	10	0.6	0.03	TCMT 06 T1 02
		8	11.0	32.0	12.0	1	A08H-STFCR/L 06	8	7.0	100.0	5.9	10	0.6	0.05	TCMT 06 T1 02
	09	10	13.0	40.0	15.0	1	A10K-STFCR/L 09	10	9.0	125.0	7.0	10	0.9	0.08	TCMT 09 02 04
		12	16.0	48.0	18.0	1	A12M-STFCR/L 09	12	11.0	150.0	9.0	10	0.9	0.13	TCMT 09 02 04
	11	12	16.0	48.0	18.0	1	A12M-STFCR/L 11	12	11.0	150.0	9.0	10	0.9	0.13	TCMT 11 02 04
		12	16.0	48.0	18.0	1	A12M-STFCR/L 11-B1	12	11.0	150.0	9.0	10	0.9	0.13	TCMT 11 03 04
		16	20.0	64.0	24.0	1	A16R-STFCR/L 11	16	15.0	200.0	11.0	10	0.9	0.28	TCMT 11 02 04
		16	20.0	64.0	24.0	1	A16R-STFCR/L 11-B1	16	15.0	200.0	11.0	10	0.9	0.29	TCMT 11 03 04
		20	25.0	80.0	30.0	1	A20S-STFCR/L 11	20	18.0	250.0	13.0	10	0.9	0.53	TCMT 11 02 04
		20	25.0	80.0	30.0	1	A20S-STFCR/L 11-B1	20	18.0	250.0	13.0	10	0.9	0.53	TCMT 11 03 04
	16	25	32.0	100.0	37.5	1	A25T-STFCR/L 16	25	23.0	300.0	17.0	10	3.0	0.88	TCMT 16 T3 08
		32	40.0	128.0	48.0	1	A32T-STFCR/L 16	32	30.0	300.0	22.0	10	3.0	1.67	TCMT 16 T3 08
		40	50.0	160.0	60.0	1	A40T-STFCR/L 16	40	37.0	300.0	27.0	10	3.0	2.44	TCMT 16 T3 08

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts		
CZC$_{MS}$	Insert screw	Shim	Shim screw
06	6-8	5513 020-28		
09	10-12	5513 020-05		
11	12-20	5513 020-03		
16	25	5513 020-10		
16	32-40	5513 020-01	5322 320-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

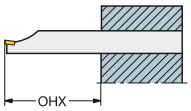
CoroTurn® 107 boring bar for turning

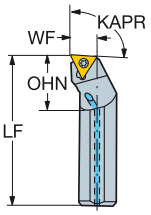
Screw clamp design

Cylindrical with flats - Internal coolant supply

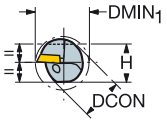
KAPR 91.0°
PSIR -1.0°







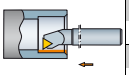




TCMT, TCMX, TCGT, TCGX TCEX

TCMW

Inch version

	IC	CZC_{MS}	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	5/32	1/4	.343	1.000	.375	1	**A04F-STFCR/L 1.2**	.250	.210	3.250	.172	145	0.4	0.062	TCMT 1.2(1.2)0
		5/16	.413	1.250	.469	1	**A05H-STFCR 1.2**	.313	.272	4.000	.219	145	0.4	0.088	TCMT 1.2(1.2)0
	7/32	3/8	.500	1.500	.563	1	**A06M-STFCR 1.8**	.375	.336	6.000	.266	145	0.7	0.180	TCMT 1.8(1.5)1
		1/2	.642	2.000	.750	1	**A08M-STFCR 1.8**	.500	.460	6.000	.344	145	0.7	0.315	TCMT 1.8(1.5)1
	1/4	3/8	.500	1.500	.563	1	**A06M-STFCR 2-B1**	.375	.336	6.000	.250	145	0.7	0.179	TCMT 221
		3/8	.500	1.500	.563	1	**A06M-STFCR/L 2**	.375	.336	6.000	.250	145	0.7	0.178	TCMT 2(1.5)1
		1/2	.598	2.000	.750	1	**A08M-STFCR/L 2**	.500	.460	6.000	.312	145	0.7	0.317	TCMT 2(1.5)1
		1/2	.598	2.000	.750	1	**A08M-STFCR/L 2-B1**	.500	.460	6.000	.312	145	0.7	0.312	TCMT 221
		5/8	.772	2.500	.960	1	**A10R-STFCR/L 2**	.625	.562	8.000	.406	145	0.7	0.598	TCMT 2(1.5)1
		5/8	.772	2.500	.960	1	**A10R-STFCR/L 2-B1**	.625	.562	8.000	.406	145	0.7	0.619	TCMT 221
		3/4	.929	3.000	1.420	1	**A12S-STFCR/L 2**	.750	.709	10.000	.500	145	0.7	1.133	TCMT 2(1.5)1
		3/4	.929	3.000	1.420	1	**A12S-STFCR/L 2-B1**	.750	.709	10.000	.500	145	0.7	1.136	TCMT 221
	3/8	1	1.201	4.000	1.500	1	**A16T-STFCR/L 3**	1.000	.906	12.000	.640	145	2.2	2.259	TCMT 3(2.5)2
		1 1/4	1.469	5.000	1.875	1	**A20T-STFCR/L 3**	1.250	1.181	12.000	.765	145	2.2	3.764	TCMT 3(2.5)2
		1 1/2	1.760	6.000	2.250	1	**A24T-STFCR/L 3**	1.500	1.374	12.000	.890	145	2.2	5.135	TCMT 3(2.5)2

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts		
IC	CZC_{MS}	Insert screw	Shim	Shim screw
5/32	1/4	5513 020-28		
5/32	5/16	5513 020-27		
7/32	3/8-1/2	5513 020-05		
1/4	3/8-3/4	5513 020-03		
3/8	1	5513 020-10		
3/8	1 1/4-1 1/2	5513 020-01	5322 320-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

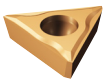
CoroTurn® 107 boring bar for turning

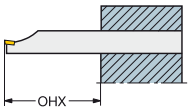
Screw clamp design

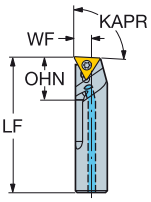
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

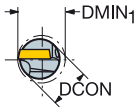
KAPR 93.0°
PSIR -3.0°





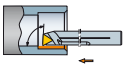






TCEX

Metric version

	CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	05	5	6.0	20.0	7.5	1	**A05F-STUCR/L 05-GR**	5	80.0	2.9	10	0.4	0.02	TCEX 05 01 00
		6	7.0	24.0	9.0	1	**A06F-STUCR/L 05-GR**	6	80.0	3.2	10	0.4	0.03	TCEX 05 01 00
	06	8	9.0	32.0	12.0	1	**A08H-STUCR/L 06-GR**	8	100.0	4.2	10	0.6	0.05	TCEX 06 T1 00R-F
		10	11.0	40.0	15.0	1	**A10K-STUCR/L 06-GR**	10	125.0	5.2	10	0.6	0.08	TCEX 06 T1 00R-F

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

The right hand (R) boring bar uses left hand (L) TCEX- inserts and vice versa.

	Spare parts
CZC$_{MS}$	Insert screw
05 5-6	5513 020-53
06 8	5513 020-44
06 10	5513 020-28

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

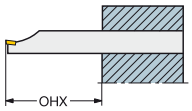
CoroTurn® 107 boring bar for turning

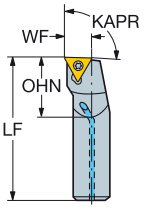
Screw clamp design

Cylindrical with flats - Internal coolant supply

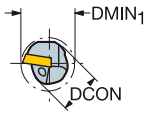
KAPR 91.0°
PSIR -1.0°







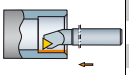




TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

Inch version

	IC	CZC_{MS}	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	3/8	.500	2.250	.938	1	**C06M-STFCR/L-2C**	.375	.340	6.000	.250	145	0.7	0.275	TCMT 2(1.5)1
	1/2	3/8	.624	3.000	1.250	1	**C08R-STFCR/L-2C**	.500	.484	8.000	.312	145	0.7	0.713	TCMT 2(1.5)1
	5/8	3/8	.812	3.750	1.563	1	**C10R-STFCR/L-2C**	.625	.609	8.000	.406	145	0.7	1.012	TCMT 2(1.5)1
	3/4	3/8	1.000	4.500	1.875	1	**C12S-STFCR-2C**	.750	.734	10.000	.500	145	0.7	1.892	TCMT 2(1.5)1

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts
	 IC	Insert screw
11	1/4	5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

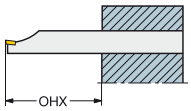
Screw clamp design

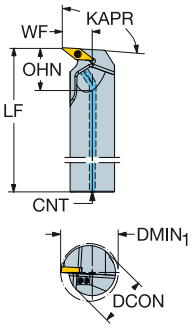
Cylindrical with groove for EasyFix sleeve - Precision coolant supply





KAPR 93.0°
PSIR -3.0°

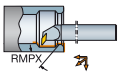




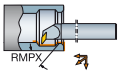
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	CNT	BAR	NM	KG	MIID
	11	25	33.0	50°	100.0	26.7	1	A25T-SVUBR/L 11HP-DRB1	25	300.0	18.0	G1/8	275	0.9	1.04	VBMT 11 03 04
	16	25	33.0	50°	100.0	32.5	1	A25T-SVUBR/L 16HP-DR	25	300.0	18.0	G1/8	275	3.0	1.04	VBMT 16 04 08

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	1/4	1	1.240	50°	4.000	.965	1	A16T-SVUBR/L 2HP-DRB1	1.000	12.000	.680	G1/8	3988	0.7	1.980	VBMT 221

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts	
		Insert screw	Nozzle
11	1/4	5513 020-20	5691 026-13
16	3/8	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

CoroTurn® 107 boring bar for turning

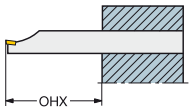
Screw clamp design

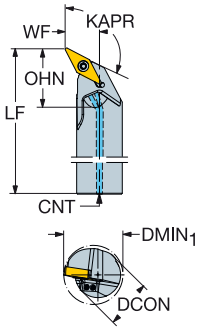
Cylindrical with groove for EasyFix sleeve - Precision coolant supply

KAPR 117.5°
PSIR -27.5°





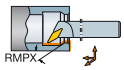




VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

Metric version

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	CNT	BAR	NM	KG	MIID
	16	25	32.0	30°	100.0	31.4	1	A25T-SVPBR/L 16HP-R	25	300.0	17.0	G1/8	275	3.0	1.02	VBMT 16 04 08

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	1	1.299	30°	4.000	1.287	1	A16T-SVPBR/L 3HP-R	1.000	12.000	.750	G1/8	3988	2.2	1.980	VBMT 332

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

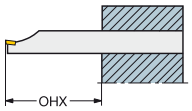
CoroTurn® 107 boring bar for turning

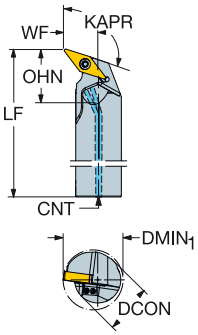
Screw clamp design

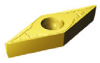
Cylindrical with groove for EasyFix sleeve - Precision coolant supply

KAPR 107.5°
PSIR -17.5°





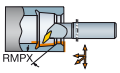




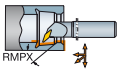
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	CNT	BAR	NM	KG	MIID
	16	25	33.0	35°	100.0	33.0	1	**A25T-SVQBR/L 16HP-DR**	25	300.0	18.0	G1/8	275	3.0	1.02	VBMT 16 04 08

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	1	1.299	35°	4.000	1.189	1	**A16T-SVQBR/L 3HP-DR**	1.000	12.000	.750	G1/8	3988	2.2	1.980	VBMT 332

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

CoroTurn® 107 boring bar for turning

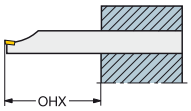
Screw clamp design

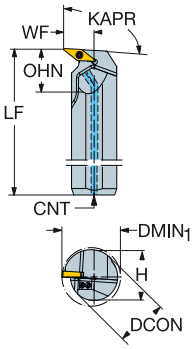
Cylindrical with flats - Precision coolant supply

KAPR 93.0°
PSIR -3.0°





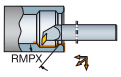




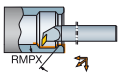
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
	11	25	33.0	50°	100.0	26.7	1	**A25T-SVUBR/L 11HP-DB1**	25	23.0	300.0	18.0	G1/8	275	0.9	0.96	VBMT 11 03 04
	16	25	33.0	50°	100.0	33.0	1	**A25T-SVUBR/L 16HP-D**	25	23.0	300.0	18.0	G1/8	275	3.0	0.96	VBMT 16 04 08

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	1/4	1	1.240	50°	4.000	.980	1	**A16T-SVUBR/L 2HP-DB1**	1.000	.910	12.000	.680	G1/8	3988	0.7	2.286	VBMT 221
		3/4	1.012	50°	3.000	.906	1	**A12S-SVUBR/L 2HP-EB1**	.750	.710	10.000	.580	G1/8	3988	0.7	1.058	VBMT 221

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts	
		Insert screw	Nozzle
11	1/4	5513 020-20	5691 026-13
16	3/8	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

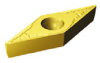
CoroTurn® 107 boring bar for turning

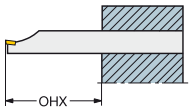
Screw clamp design

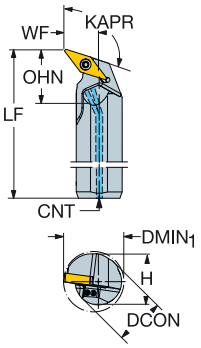
Cylindrical with flats - Precision coolant supply

KAPR 107.5°
PSIR -17.5°





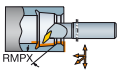




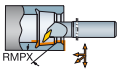
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
	16	25	33.0	35°	100.0	32.8	1	**A25T-SVQBR/L 16HP-D**	25	23.0	300.0	18.0	G1/8	275	3.0	0.95	VBMT 16 04 08

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	1	1.299	35°	4.000	1.189	1	**A16T-SVQBR/L 3HP-D**	1.000	.906	12.000	.750	G1/8	3988	2.2	2.266	VBMT 332

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

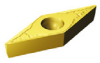
CoroTurn® 107 boring bar for turning

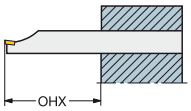
Screw clamp design

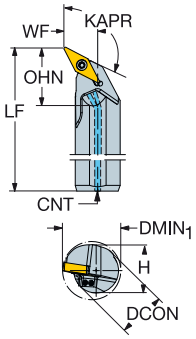
Cylindrical with flats - Precision coolant supply

KAPR 117.5°
PSIR -27.5°





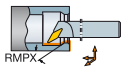




VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

Metric version

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
									Dimensions, mm								
	16	25	32.0	30°	100.0	31.0	1	**A25T-SVPBR/L 16HP**	25	23.0	300.0	17.0	G1/8	275	3.0	0.94	VBMT 16 04 08

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	H	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
									Dimensions, inch								
	3/8	1	1.299	30°	4.000	1.276	1	**A16T-SVPBR/L 3HP**	1.000	.906	12.000	.750	G1/8	3988	2.2	2.240	VBMT 332

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

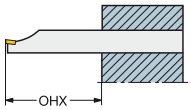




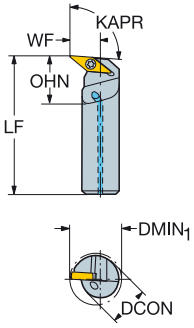
VCMT, VCEX, VCGX

VCMW

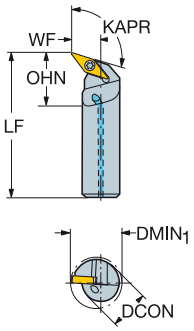
KAPR
PSIR



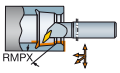
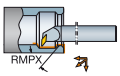
A..SVUCR/L -ER
93.0°
-3.0°



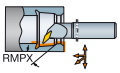
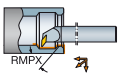
A..SVQCR/L-ER
107.5°
-17.5°



Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	11	16	22.0	35°	64.0	24.0	1	A16R-SVQCR/L 11-ER	16	200.0	13.0	10	0.9	0.30	VCMT 11 03 04
	11	16	22.0	50°	64.0	24.0	1	A16R-SVUCR/L 11-ER	16	200.0	13.0	10	0.9	0.30	VCMT 11 03 04

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	5/8	.850	35°	2.500	.938	1	A10R-SVQCL 2-ER	.625	8.000	.486	145	0.7	0.616	VCMT 221
	1/4	5/8	.850	50°	2.500	.938	1	A10R-SVUCR/L 2-ER	.625	8.000	.486	145	0.7	0.654	VCMT 221

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

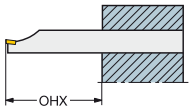




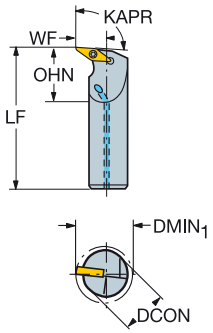
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

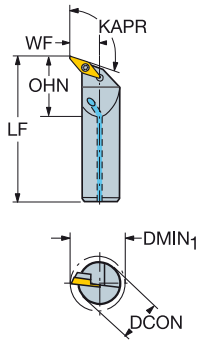
KAPR
PSIR



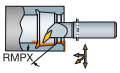
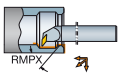
A..SVUBR/L -ER
93.0°
-3.0°



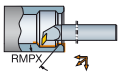
A..SVQBR/L -R
107.5°
-17.5°



Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	11	16	22.0	35°	64.0	24.0	1	A16R-SVQBR/L 11-ERB1	16	200.0	13.0	10	0.9	0.29	VBMT 11 03 04
		20	27.0	35°	80.0	30.0	1	A20S-SVQBR/L 11-ERB1	20	250.0	15.0	10	0.9	0.58	VBMT 11 03 04
	11	16	22.0	50°	64.0	24.0	1	A16R-SVUBR/L 11-ERB1	16	200.0	13.0	10	0.9	0.30	VBMT 11 03 04
		20	27.0	50°	80.0	30.0	1	A20S-SVUBR/L 11-ERB1	20	250.0	15.0	10	0.9	0.58	VBMT 11 03 04

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	5/8	.850	50°	2.500	.938	1	A10R-SVUBR/L 2-ERB1	.625	8.000	.486	145	0.7	0.656	VBMT 221
		3/4	1.012	50°	3.000	1.125	1	A12S-SVUBR/L 2-ERB1	.750	10.000	.580	145	0.7	1.184	VBMT 221

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-20	

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Internal coolant supply

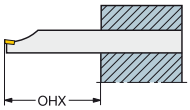




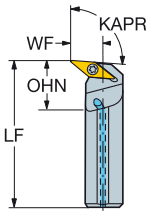
VCMT, VCEX, VCGX

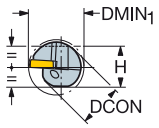
VCMW

KAPR
PSIR

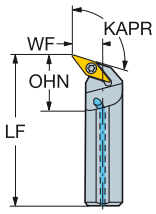


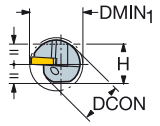
A..SVUCR/L
93.0°
-3.0°



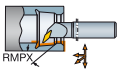
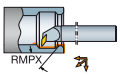


A..SVQCR/L
107.5°
-17.5°

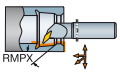
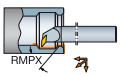




Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	BAR	NM	KG	MIID
	11	16	22.0	35°	64.0	24.0	1	A16R-SVQCR/L 11-E	16	15.0	200.0	13.0	10	0.9	0.28	VCMT 11 03 04
	11	16	22.0	50°	64.0	24.0	1	A16R-SVUCR/L 11-E	16	15.0	200.0	13.0	10	0.9	0.29	VCMT 11 03 04

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	5/8	.850	35°	2.500	.938	1	A10R-SVQCR/L 2-E	.625	.562	8.000	.486	145	0.7	0.605	VCMT 221
	1/4	5/8	.850	50°	2.500	.938	1	A10R-SVUCR/L 2-E	.625	.562	8.000	.486	145	0.7	0.616	VCMT 221

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

CoroTurn® 107 boring bar for turning

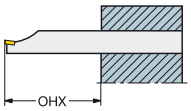
Screw clamp design

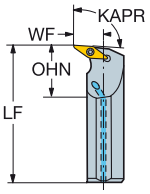
Cylindrical with flats - Internal coolant supply

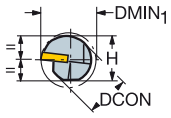
KAPR 93.0°
PSIR -3.0°







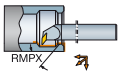




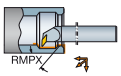
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	BAR	NM	KG	MIID
	11	16	22.0	50°	64.0	24.0	1	A16R-SVUBR/L 11-E	16	15.0	200.0	13.0	10	0.9	0.29	VBMT 11 02 04
		16	22.0	50°	64.0	24.0	1	A16R-SVUBR/L 11-EB1	16	15.0	200.0	13.0	10	0.9	0.28	VBMT 11 03 04
		20	27.0	50°	80.0	30.0	1	A20S-SVUBR/L 11-E	20	18.0	250.0	15.0	10	0.9	0.54	VBMT 11 02 04
		20	27.0	50°	80.0	30.0	1	A20S-SVUBR/L 11-EB1	20	18.0	250.0	15.0	10	0.9	0.58	VBMT 11 03 04
		25	33.0	50°	100.0	37.5	1	A25T-SVUBR/L 11-D	25	23.0	300.0	18.0	10	0.9	0.96	VBMT 11 02 04
		25	33.0	50°	100.0	37.5	1	A25T-SVUBR/L 11-DB1	25	23.0	300.0	18.0	10	0.9	0.96	VBMT 11 03 04
	16	25	33.0	50°	100.0	37.5	1	A25T-SVUBR/L 16-D	25	23.0	300.0	18.0	10	3.0	0.96	VBMT 16 04 08
		32	40.0	50°	128.0	48.0	1	A32T-SVUBR/L 16	32	30.0	300.0	22.0	10	3.0	1.50	VBMT 16 04 08
		40	50.0	50°	160.0	60.0	1	A40T-SVUBR/L 16	40	37.0	300.0	27.0	10	3.0	2.54	VBMT 16 04 08

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	5/8	.850	50°	2.500	.938	1	A10R-SVUBR/L 2-E	.625	.560	8.000	.486	145	0.7	0.616	VBMT 2(1.5)1
		5/8	.850	50°	2.500	.938	1	A10R-SVUBR/L 2-EB1	.625	.560	8.000	.486	145	0.7	0.620	VBMT 221
		3/4	1.012	50°	3.000	1.180	1	A12S-SVUBR/L 2-E	.750	.710	10.000	.580	145	0.7	1.162	VBMT 2(1.5)1
		1	1.240	50°	4.000	1.500	1	A16T-SVUBR/L 2-D	1.000	.910	12.000	.680	145	0.7	2.266	VBMT 2(1.5)1
	3/8	1 1/4	1.705	50°	5.000	1.875	1	A20T-SVUBR/L 3	1.250	1.181	12.000	1.000	145	2.2	3.696	VBMT 332
		1 1/2	2.126	50°	6.000	2.250	1	A24T-SVUBR/L 3	1.500	1.374	12.000	1.125	145	2.2	5.104	VBMT 332
		2	2.551	50°	8.000	3.000	1	A32U-SVUBR/L 3	2.000	1.874	14.000	1.375	145	2.2	11.110	VBMT 332

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts		
CZC$_{MS}$	Insert screw	Shim	Shim screw
11 16-25	5513 020-20		
16 25	5513 020-10		
16 32-40	5513 020-01	5322 270-01	5512 090-01

Inch version

	Spare parts		
CZC$_{MS}$	Insert screw	Shim	Shim screw
1/4 5/8	5513 020-20		
1/4 3/4-1	5513 020-03		
3/8 1 1/4-2	5513 020-01	5322 270-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Internal coolant supply

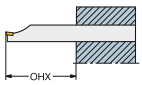




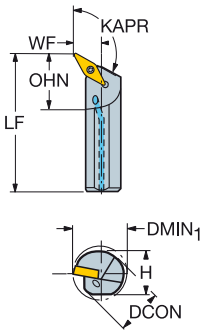
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

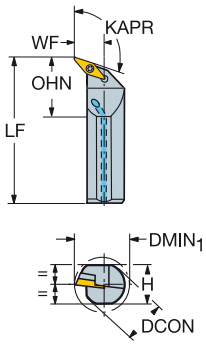
KAPR
PSIR



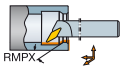
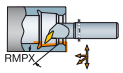
A..SVPBR/L
117.5°
-27.5°



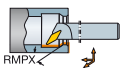
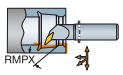
A..SVQBR/L
107.5°
-17.5°



Metric version

									Dimensions, mm							
		CZC_{MS}	$DMIN_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	H	LF	WF	BAR	NM	KG	MIID
	16	25	32.0	25°	100.0	37.5	1	A25T-SVPBR/L 16	25	23.0	300.0	17.0	10	3.0	0.94	VBMT 16 04 08
		32	40.0	25°	128.0	48.0	1	A32T-SVPBR/L 16	32	30.0	300.0	22.0	10	3.0	1.65	VBMT 16 04 08
		40	50.0	25°	160.0	60.0	1	A40T-SVPBR/L 16	40	37.0	300.0	27.0	10	3.0	2.45	VBMT 16 04 08
	11	16	22.0	35°	64.0	24.0	1	A16R-SVQBR/L 11-E	16	15.0	200.0	13.0	10	0.9	0.28	VBMT 11 02 04
		16	22.0	35°	64.0	24.0	1	A16R-SVQBR/L 11-EB1	16	15.0	200.0	13.0	10	0.9	0.30	VBMT 11 03 04
		20	27.0	35°	80.0	30.0	1	A20S-SVQBR/L 11-E	20	18.0	250.0	15.0	10	0.9	0.54	VBMT 11 02 04
		20	27.0	35°	80.0	30.0	1	A20S-SVQBR/L 11-EB1	20	18.0	250.0	15.0	10	0.9	0.54	VBMT 11 03 04
		25	33.0	35°	100.0	37.5	1	A25T-SVQBR/L 11-D	25	23.0	300.0	18.0	10	0.9	0.95	VBMT 11 02 04
		25	33.0	35°	100.0	37.5	1	A25T-SVQBR/L 11-DB1	25	23.0	300.0	18.0	10	0.9	0.94	VBMT 11 03 04
	16	25	33.0	35°	100.0	37.5	1	A25T-SVQBR/L 16-D	25	23.0	300.0	18.0	10	3.0	0.95	VBMT 16 04 08
		32	40.0	35°	128.0	48.0	1	A32T-SVQBR/L 16	32	30.0	300.0	22.0	10	3.0	1.66	VBMT 16 04 08
		40	50.0	35°	160.0	60.0	1	A40T-SVQBR/L 16	40	37.0	300.0	27.0	10	3.0	2.51	VBMT 16 04 08

Inch version

									Dimensions, inch							
		CZC_{MS}	$DMIN_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	3/8	1	1.299	25°	4.000	1.500	1	A16T-SVPBR/L 3	1.000	.906	12.000	.750	145	2.2	2.266	VBMT 332
		1 1/4	1.579	25°	5.000	1.875	1	A20T-SVPBR/L 3	1.250	1.181	12.000	.875	145	2.2	3.652	VBMT 332
		1 1/2	1.941	25°	6.000	2.250	1	A24T-SVPBR/L 3	1.500	1.374	12.000	1.063	145	2.2	5.104	VBMT 332
	3/8	1	1.299	35°	4.000	1.500	1	A16T-SVQBR/L 3-D	1.000	.906	12.000	.750	145	2.2	2.263	VBMT 332
		1 1/4	1.579	35°	5.000	1.875	1	A20T-SVQBR/L 3	1.250	1.181	12.000	.875	145	2.2	3.773	VBMT 332
		1 1/2	1.941	35°	6.000	2.250	1	A24T-SVQBR/L 3	1.500	1.374	12.000	1.063	145	2.2	5.188	VBMT 332

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

			Spare parts		
	IC	CZC_{MS}	Insert screw	Shim	Shim screw
11	1/4	16-25	5513 020-20		
16	3/8	1	5513 020-10		
16	3/8	1 1/4-1 1/2	5513 020-01	5322 270-01	5512 090-01
16	3/8	25	5513 020-10		
16	3/8	32-40	5513 020-01	5322 270-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

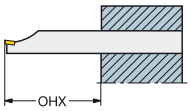
CoroTurn® 107 boring bar for back boring

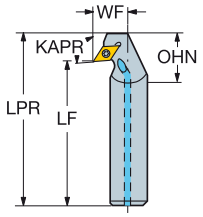
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

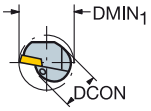
KAPR 93.0°
PSIR -3.0°





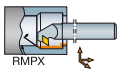




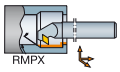


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
	07	16	22.0	27°	64.0	24.0	1	**A16R-SDUCR/L 07-ERX**	16	212.9	200.0	13.0	10	0.9	0.31	DCMT 07 02 04
		20	27.0	27°	80.0	30.0	1	**A20S-SDUCR/L 07-ERX**	20	262.9	250.0	15.0	10	0.9	0.60	DCMT 07 02 04

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LPR	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	3/4	1.051	27°	3.000	1.125	1	**A12S-SDUCR/L 2-ERX**	.750	10.480	10.000	.625	145	0.7	1.250	DCMT 2(1.5)1

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 boring bar for back boring

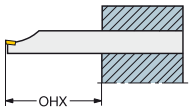
Screw clamp design

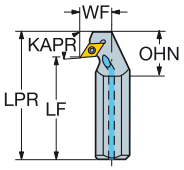
Cylindrical with flats - Internal coolant supply

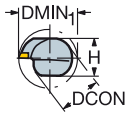
KAPR 93.0°
PSIR -3.0°





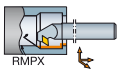






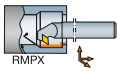
DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	H	LPR	LF	WF	BAR	NM	KG	MIID
	07	16	22.0	27°	64.0	24.0	1	A16R-SDUCR/L 07-EX	16	15.0	212.2	200.0	13.0	10	0.9	0.31	DCMT 07 02 04
		20	27.0	27°	80.0	30.0	1	A20S-SDUCR/L 07-EX	20	18.0	262.2	250.0	15.0	10	0.9	0.56	DCMT 07 02 04
		25	33.0	27°	100.0	37.5	1	A25T-SDUCR/L 07-DX	25	23.0	312.2	300.0	18.0	10	0.9	0.92	DCMT 07 02 04
	11	32	40.0	27°	128.0	48.0	1	A32T-SDUCR/L 11-X	32	30.0	316.7	300.0	22.0	10	3.0	1.76	DCMT 11 T3 08

RMPX

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	H	LPR	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	3/4	1.051	27°	3.000	1.125	1	A12S-SDUCR/L 2-EX	.750	.709	10.480	10.000	.625	145	0.7	0.924	DCMT 2(1.5)1
		1	1.299	27°	4.000	1.500	1	A16T-SDUCR/L 2-DX	1.000	.906	12.480	12.000	.750	145	0.7	2.244	DCMT 2(1.5)1
	3/8	1 1/4	1.579	27°	5.000	1.875	1	A20T-SDUCR/L 3-X	1.250	1.181	12.658	12.000	.875	145	2.2	3.872	DCMT 3(2.5)2

RMPX

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts		
	IC	Insert screw	Shim	Shim screw
07	1/4	5513 020-03		
11	3/8	5513 020-01	5322 263-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

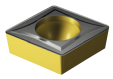
CoroTurn® 107 solid-carbide boring bar for turning

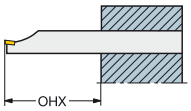
Screw clamp design

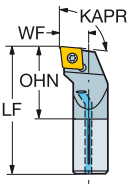
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

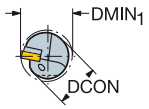
KAPR 95.0°
PSIR -5.0°







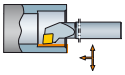




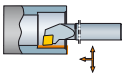
CCMT, CCGT
CCGX, CCET

CCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	06	8	10.0	48.0	17.0	1	E08K-SCLCR/L 06-R	8	125.0	5.0	10	0.9	0.09	CCMT 06 02 04
		10	12.0	60.0	21.0	1	E10M-SCLCR/L 06-R	10	150.0	6.0	10	0.9	0.15	CCMT 06 02 04
		12	16.0	72.0	25.0	1	E12Q-SCLCR/L 06-R	12	180.0	9.0	10	0.9	0.26	CCMT 06 02 04
		16	20.0	96.0	33.0	1	E16R-SCLCR/L 06-R	16	200.0	11.0	10	0.9	0.50	CCMT 06 02 04
	09	16	20.0	96.0	33.0	1	E16R-SCLCR/L 09-R	16	200.0	11.0	10	3.0	0.50	CCMT 09 T3 08
		20	25.0	120.0	36.3	1	E20S-SCLCR/L 09-R	20	220.0	13.0	10	3.0	0.86	CCMT 09 T3 08
		25	32.0	150.0	41.3	1	E25T-SCLCR/L 09-R	25	270.0	17.0	10	3.0	1.58	CCMT 09 T3 08

Inch version

		IC	CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	5/16	.413	1.875	.781	1	E05K-SCLCR/L 2-R	.313	5.000	.219	145	0.7	0.198	CCMT 2(1.5)1
		3/8	.480	2.250	.938	1	E06M-SCLCR/L 2-R	.375	6.000	.250	145	0.7	0.299	CCMT 2(1.5)1
		1/2	.598	3.000	1.250	1	E08R-SCLCR/L 2-R	.500	8.000	.312	145	0.7	0.755	CCMT 2(1.5)1
		5/8	.772	3.750	1.563	1	E10R-SCLCR/L 2-R	.625	8.000	.406	145	0.7	1.076	CCMT 2(1.5)1
	3/8	5/8	.772	3.750	1.563	1	E10R-SCLCR/L 3-R	.625	8.000	.406	145	2.2	1.111	CCMT 3(2.5)2
		3/4	.929	4.500	1.437	1	E12R-SCLCR/L 3-R	.750	8.752	.500	145	2.2	1.738	CCMT 3(2.5)2
		1	1.201	6.000	1.547	1	E16S-SCLCR 3-R	1.000	10.752	.640	145	2.2	3.652	CCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts
CZC$_{MS}$	Insert screw
06 8-12	5513 020-46
06 16	5513 020-03
09 16-20	5513 020-09
09 25	5513 020-10

Inch version

	Spare parts
IC CZC$_{MS}$	Insert screw
1/4 5/16-1/2	5513 020-46
1/4 5/8	5513 020-03
3/8 5/8-3/4	5513 020-09
3/8 1	5513 020-10

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

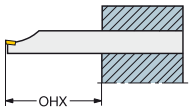
CoroTurn® 107 solid-carbide boring bar for turning

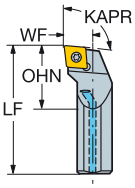
Screw clamp design

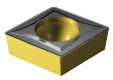
Cylindrical with flats - Internal coolant supply

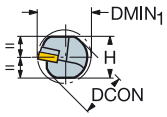
KAPR 95.0°
PSIR -5.0°







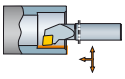




CCMT, CCGT
CCGX, CCET

CCMW

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	3/8	.480	2.250	.938	1	**E06M-SCLCR/L 2**	.375	.359	6.000	.250	145	0.7	0.299	CCMT 2(1.5)1
		1/2	.598	3.000	1.250	1	**E08R-SCLCR/L 2**	.500	.484	8.000	.312	145	0.7	0.750	CCMT 2(1.5)1
		5/8	.772	3.750	1.563	1	**E10R-SCLCR/L 2**	.625	.609	8.000	.406	145	0.7	1.076	CCMT 2(1.5)1
	3/8	3/4	.929	4.500	1.875	1	**E12S-SCLCR/L 3**	.750	.734	10.000	.500	145	2.2	1.980	CCMT 3(2.5)2
		1	1.201	6.000	2.500	1	**E16T-SCLCR/L 3**	1.000	.984	12.000	.640	145	2.2	3.852	CCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts	
	IC	CZC$_{MS}$	Insert screw
06	1/4	3/8-1/2	5513 020-46
06	1/4	5/8	5513 020-03
09	3/8	3/4	5513 020-09
09	3/8	1	5513 020-10

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® 107 solid-carbide boring bar for turning

Screw clamp design

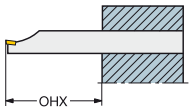
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

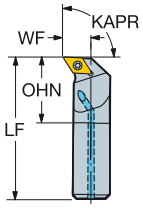


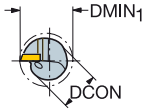


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

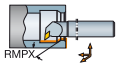
KAPR 93.0°
PSIR -3.0°



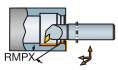




Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	07	10	15.0	27°	60.0	25.0	1	E10M-SDUCR/L 07-ER	10	150.0	9.0	10	0.9	0.15	DCMT 07 02 04
		12	18.0	27°	72.0	30.0	1	E12Q-SDUCR/L 07-ER	12	180.0	11.0	10	0.9	0.25	DCMT 07 02 04
		16	22.0	27°	96.0	33.3	1	E16R-SDUCR/L 07-ER	16	200.0	13.0	10	0.9	0.48	DCMT 07 02 04
	11	20	25.0	27°	120.0	36.3	1	E20S-SDUCR/L 11-R	20	220.0	13.0	10	3.0	0.86	DCMT 11 T3 08
		25	32.0	27°	150.0	41.3	1	E25T-SDUCR/L 11-R	25	270.0	17.0	10	3.0	1.58	DCMT 11 T3 08

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	3/8	3/4	1.039	27°	4.500	1.437	1	E12R-SDUCR/L 3-R	.750	8.752	.625	145	2.2	1.804	DCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts
CZC$_{MS}$	Insert screw
07 10-16	5513 020-03
11 20	5513 020-09
11 25	5513 020-10

Inch version

	Spare parts
CZC$_{MS}$	Insert screw
3/8 3/4	5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 solid-carbide boring bar for turning

Screw clamp design

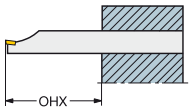
Cylindrical with flats - Internal coolant supply

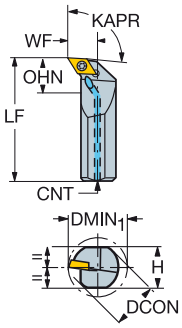
KAPR 93.0°
PSIR -3.0°



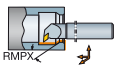


DCMT, DCMX
DCGT, DCGX, DCET
DCMW





Inch version

	IC	CZC_{MS}	$DMIN_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	3/8	.598	27°	2.250	.938	1	**E06M-SDUCR/L 2**	.375	.359	6.000	.375	145	0.7	0.301	DCMT 2(1.5)1
		1/2	.717	27°	3.000	1.250	1	**E08R-SDUCR/L 2**	.500	.484	8.000	.438	145	0.7	0.755	DCMT 2(1.5)1
		5/8	.850	27°	3.750	1.563	1	**E10R-SDUCR/L 2**	.625	.609	8.000	.500	145	0.7	1.078	DCMT 2(1.5)1
	3/8	3/4	1.039	27°	4.500	1.875	1	**E12S-SDUCR/L 3**	.750	.734	10.000	.625	145	2.2	1.978	DCMT 3(2.5)2
		1	1.299	27°	6.000	2.500	1	**E16T-SDUCR/L 3**	1.000	.984	12.000	.750	145	2.2	3.652	DCMT 3(2.5)2

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts
IC / CZC_{MS}	Insert screw
1/4 3/8-5/8	5513 020-03
3/8 3/4	5513 020-09
3/8 1	5513 020-10

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

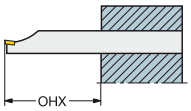
CoroTurn® 107 solid-carbide boring bar for turning

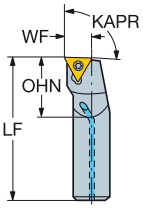
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

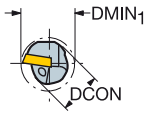
KAPR 91.0°
PSIR -1.0°







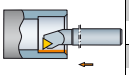




TCMT, TCMX, TCGT, TCGX TCEX

TCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	06	6	8.5	36.0	15.0	1	E06H-STFCR/L 06-R	6	100.0	4.5	10	0.6	0.05	TCMT 06 T1 02
		8	11.0	48.0	20.0	1	E08K-STFCR/L 06-R	8	125.0	5.9	10	0.6	0.09	TCMT 06 T1 02
	09	10	13.0	60.0	25.0	1	E10M-STFCR/L 09-R	10	150.0	7.0	10	0.9	0.15	TCMT 09 02 04
		12	16.0	72.0	30.0	1	E12Q-STFCR/L 09-R	12	180.0	9.0	10	0.9	0.25	TCMT 09 02 04
	11	16	20.0	96.0	33.2	1	E16R-STFCR/L 11-R	16	200.0	11.0	10	0.9	0.49	TCMT 11 02 04
		16	20.0	96.0	40.0	1	E16R-STFCR/L 11-RB1	16	200.0	11.0	10	0.9	0.50	TCMT 11 03 04
		20	25.0	120.0	36.3	1	E20S-STFCR/L 11-RB1	20	220.0	13.0	10	0.9	0.85	TCMT 11 03 04
		25	32.0	150.0	41.5	1	E25T-STFCR 11-RB1	25	270.0	17.0	10	0.9	1.58	TCMT 11 03 04
	16	25	32.0	150.0	41.5	1	E25T-STFCR/L 16-R	25	270.0	17.0	10	3.0	1.58	TCMT 16 T3 08

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts
CZC$_{MS}$	Insert screw
6	5513 020-28
8	5513 020-27
10-12	5513 020-05
16-25	5513 020-03
25	5513 020-10

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

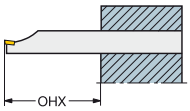
CoroTurn® 107 solid-carbide boring bar for turning

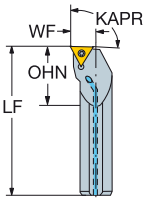
Screw clamp design

Cylindrical with flats - Internal coolant supply

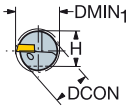
KAPR 91.0°
PSIR -1.0°







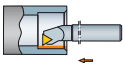




TCMT, TCMX, TCGT, TCGX TCEX

TCMW

Inch version

	IC	CZC_{MS}	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	7/32	3/8	.500	2.250	.938	1	**E06M-STFCR/L 1.8**	.375	.359	6.000	.264	145	0.7	0.299	TCMT 1.8(1.5)1
		1/2	.630	3.000	1.250	1	**E08R-STFCR 1.8**	.500	.484	8.000	.342	145	0.7	0.755	TCMT 1.8(1.5)1
	1/4	3/8	.480	2.250	.938	1	**E06M-STFCR/L 2-B1**	.375	.359	6.000	.250	145	0.7	0.286	TCMT 221
		1/2	.598	3.000	1.250	1	**E08R-STFCR/L 2-B1**	.500	.484	8.000	.312	145	0.7	0.660	TCMT 221
		5/8	.772	3.750	1.112	1	**E10R-STFCR/L 2-B1**	.625	.609	8.000	.406	145	0.7	1.056	TCMT 221
		3/4	.929	4.500	1.624	1	**E12S-STFCR/L 2-B1**	.750	.734	10.000	.500	145	0.7	1.804	TCMT 221
	3/8	1	1.201	6.000	2.500	1	**E16T-STFCR/L 3**	1.000	.984	12.000	.640	145	2.2	3.608	TCMT 3(2.5)2

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").
R = Right hand, L = Left hand
DMIN1 valid in combination with clamping unit R/LC2090.

	Spare parts
IC / CZC_{MS}	Insert screw
5/32 1/4	5513 020-28
5/32 5/16	5513 020-27
1/4 3/4	5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

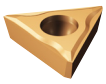
CoroTurn® 107 solid-carbide boring bar for turning

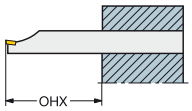
Screw clamp design

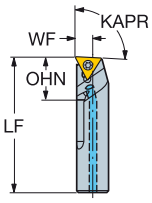
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

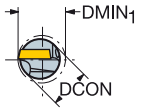
KAPR 93.0°
PSIR -3.0°





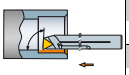






TCEX

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	05	5	6.0	30.0	12.0	1	**E05H-STUCR/L 05-GR**	5	100.0	2.9	10	0.4	0.04	TCEX 05 01 00
		6	7.0	36.0	13.0	1	**E06H-STUCR/L 05-GR**	6	100.0	3.2	10	0.4	0.05	TCEX 05 01 00
	06	8	9.0	48.0	17.0	1	**E08K-STUCR/L 06-GR**	8	125.0	4.2	10	0.6	0.08	TCEX 06 T1 00R-F
		10	11.0	60.0	20.0	1	**E10M-STUCR/L 06-GR**	10	150.0	5.2	10	0.6	0.14	TCEX 06 T1 00R-F

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

The right hand (R) boring bar uses left hand (L) TCEX- inserts and vice versa.

	Spare parts
CZC$_{MS}$	Insert screw
05 5-6	5513 020-53
06 8	5513 020-44
06 10	5513 020-28

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

CoroTurn® 107 solid-carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

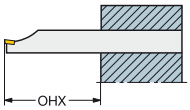


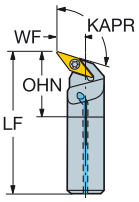


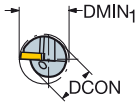
VCMT, VCEX, VCGX

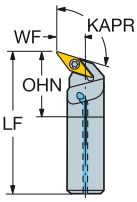
VCMW

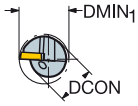
	E..SVUCR/L-ER	E..SVQCR/L -ER
KAPR	93.0°	107.5°
PSIR	-3.0°	-17.5°



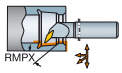
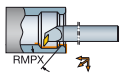








Metric version

									Dimensions, mm						
		CZC_{MS}	$DMIN_1$	RMPX	OHX	OHN	CNSC	Ordering code	DCON	LF	WF	BAR	NM	KG	MIID
	11	16	22.0	35°	96.0	33.0	1	E16R-SVQCR/L 11-ER	16	200.0	13.0	10	0.9	0.49	VCMT 11 03 04
	11	16	22.0	50°	96.0	33.0	1	E16R-SVUCR/L 11-ER	16	200.0	13.0	10	0.9	0.50	VCMT 11 03 04

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-03	

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12 H5

SANDVIK Coromant

CoroTurn® 107 damped carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve

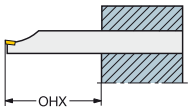
KAPR 93.0°
PSIR -3.0°

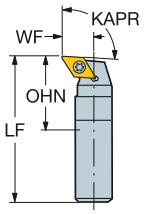
SilentTools®

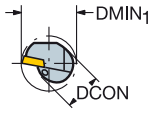




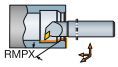
DCMT, DCMX
DCGT, DCGX, DCET
DCMW







Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	Ordering code	Dimensions, mm DCON	LF	WF	NM	KG	MIID
	07	10	15.0	27°	100.0	60.0	F10M-SDUCR/L 07-ER	10	150.0	9.0	0.9	0.18	DCMT 07 02 04
		12	18.0	27°	120.0	72.0	F12Q-SDUCR/L 07-ER	12	180.0	11.0	0.9	0.29	DCMT 07 02 04

DMIN1 valid in combination with clamping unit R/LC2090.

N = Neutral, R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-03	

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2


G2



H37



H12

CoroTurn® 107 damped carbide boring bar for turning

Screw clamp design

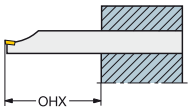
Cylindrical with groove for EasyFix sleeve

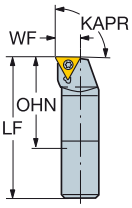
KAPR 91.0°
PSIR -1.0°

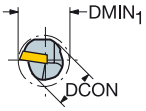
SilentTools®







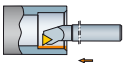




TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	Ordering code	Dimensions, mm DCON	LF	WF	NM	KG	MIID
	09	10	13.0	100.0	60.0	**F10M-STFCR/L 09-R**	10	150.0	7.0	0.9	0.18	TCMT 09 02 04
		12	16.0	120.0	72.0	**F12Q-STFCR/L 09-R**	12	180.0	9.0	0.9	0.29	TCMT 09 02 04

DMIN1 valid in combination with clamping unit R/LC2090.

N = Neutral, R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-05	

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 G2 H37 H12

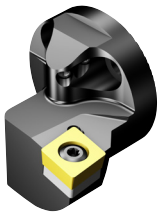
SANDVIK Coromant

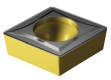
CoroTurn® 107 head for turning

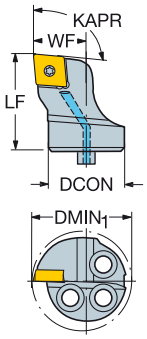
Screw clamp design

CoroTurn® SL - Precision coolant supply

KAPR 95.0°
PSIR -5.0°







CCMT, CCGT
CCGX, CCET

CCMW

		IC	CZC_{MS}	$DMIN_1$	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	09	3/8	25	32.0	1	**SL-SCLCR/L-25-09HP**	25	20.0	17.0	80	3.0	0.07	CCMT 09 T3 08
				1.260			*.984*	*.787*	*.669*	*1160*			*CCMT 3(2.5)2*
			32	40.0	1	**SL-SCLCR/L-32-09HP**	32	32.0	22.0	80	3.0	0.13	CCMT 09 T3 08
				1.575			*1.260*	*1.260*	*.866*	*1160*			*CCMT 3(2.5)2*
	12	1/2	40	50.0	1	**SL-SCLCR/L-40-12HP**	40	38.0	27.0	80	3.0	0.24	CCMT 12 04 08
				1.969			*1.575*	*1.496*	*1.063*	*1160*			*CCMT 432*

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Locating tube	Nozzle
SL-SCLCR/L-25-09HP	5513 020-09			5552 058-02	5691 026-13
SL-SCLCR/L-32-09HP	5513 020-09			5638 031-01	5691 026-13
SL-SCLCR/L-40-12HP	5513 020-18	5322 232-02	5512 090-03	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

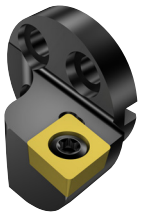
A36 F2 H37 H5 H2

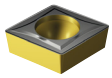
CoroTurn® 107 head for turning

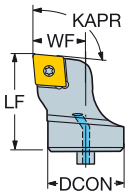
Screw clamp design

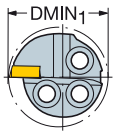
CoroTurn® SL - Internal coolant supply

KAPR 95.0°
PSIR -5.0°



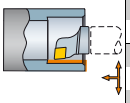






CCMT, CCGT
CCGX, CCET

CCMW

	IC		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	06	1/4	16	20.0	1	570-SCLCR/L-16-06	16	20.0	11.0	10	0.9	0.03	CCMT 06 02 04
				.787			*.630*	*.787*	*.433*	*145*			*CCMT 2(1.5)1*
	09	3/8	20	25.0	1	570-SCLCR/L-20-09	20	20.0	13.0	10	3.0	0.05	CCMT 09 T3 08
				.984			*.787*	*.787*	*.512*	*145*			*CCMT 3(2.5)2*
			25	32.0	1	570-SCLCR/L-25-09	25	20.0	17.0	10	3.0	0.07	CCMT 09 T3 08
				1.260			*.984*	*.787*	*.669*	*145*			*CCMT 3(2.5)2*
			32	40.0	1	570-SCLCR/L-32-09	32	32.0	22.0	10	3.0	0.13	CCMT 09 T3 08
				1.575			*1.260*	*1.260*	*.866*	*145*			*CCMT 3(2.5)2*
	12	1/2	40	50.0	1	570-SCLCR/L-40-12	40	38.0	27.0	10	3.0	0.24	CCMT 12 04 08
				1.969			*1.575*	*1.496*	*1.063*	*145*			*CCMT 432*

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Insert screw	Shim	Shim screw	Locating tube
570-SCLCR/L-16-06	5513 020-03			5552 058-01
570-SCLCR/L-20-09	5513 020-09			5552 058-02
570-SCLCR/L-25-09	5513 020-10			5552 058-02
570-SCLCR/L-32-09	5513 020-09			5638 031-01
570-SCLCR/L-40-12	5513 020-18	5322 232-02	5512 090-03	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

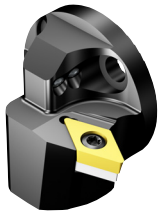
A36 F2 H37 H5 H2

CoroTurn® 107 head for turning

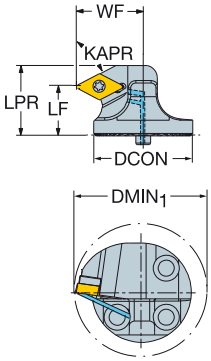
Screw clamp design

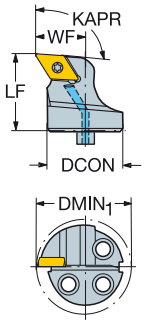
CoroTurn® SL - Precision coolant supply

	SL-SDXCR/L-DHP	SL-SDUCR/L..HP
KAPR	62.5°	93.0°
PSIR	27.5°	-3.0°



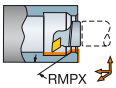
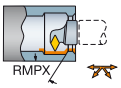






DCMT, DCMX
DCGT, DCGX, DCET

DCMW

			CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
	11	3/8	25	32.0	27°	1	**SL-SDUCR/L-25-11HP**	25		23.0	17.0	80	3.0	0.08	DCMT 11 T3 08
				1.260				*.984*		*.906*	*.669*	*1160*			*DCMT 3(2.5)2*
			32	40.0	27°	1	**SL-SDUCR/L-32-11HP**	32		32.0	22.0	80	3.0	0.14	DCMT 11 T3 08
				1.575				*1.260*		*1.260*	*.866*	*1160*			*DCMT 3(2.5)2*
			40	50.0	27°	1	**SL-SDUCR/L-40-11HP**	40		32.0	27.0	80	3.0	0.21	DCMT 11 T3 08
				1.969				*1.575*		*1.260*	*1.063*	*1160*			*DCMT 3(2.5)2*
	11	3/8	32	40.0	60°	1	**SL-SDXCR/L-32-11HP**	32	28.0	20.0	22.0	80	3.0	0.12	DCMT 11 T3 08
				1.575				*1.260*	*1.102*	*.787*	*.866*	*1160*			*DCMT 3(2.5)2*
			40	50.0	60°	1	**SL-SDXCR/L-40-11HP**	40	28.0	20.0	27.0	80	3.0	0.19	DCMT 11 T3 08
				1.969				*1.575*	*1.102*	*.787*	*1.063*	*1160*			*DCMT 3(2.5)2*
	07	1/4	25	33.0	60°	1	**SL-SDXCR/L-25-07-DHP**	25	19.7	15.0	18.0	80	0.9	0.07	DCMT 07 02 04
				1.299				*.984*	*.776*	*.591*	*.709*	*1160*			*DCMT 2(1.5)1*

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Locating tube	Nozzle
SL-SDXCR/L-25-07-DHP	5513 020-03			5552 058-02	5691 026-13
SL-SDUCR/L-25-11HP	5513 020-10			5552 058-02	5691 026-13
SL-SDUCR/L-32-11HP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-13
SL-SDXCR/L-32-11HP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-13
SL-SDUCR/L-40-11HP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-03
SL-SDXCR/L-40-11HP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

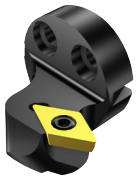
A36 F2 H37 H5 H2

CoroTurn® 107 head for turning

Screw clamp design

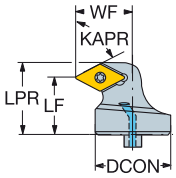
CoroTurn® SL - Internal coolant supply

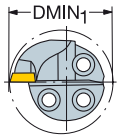
	570-SDXCR/L	570-SDUCR/L
KAPR	62.5°	93.0°
PSIR	27.5°	-3.0°

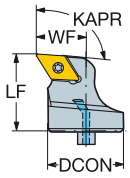


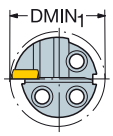


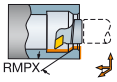
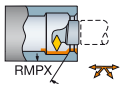
DCMT, DCMX
DCGT, DCGX, DCET
DCMW









	IC	CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
	07	1/4	16	20.0	27°	8	570-SDUCR/L-16-07	16		20.0	11.0	10	0.9	0.03	DCMT 07 02 04
				.787				*.630*		*.787*	*.433*	*145*			*DCMT 2(1.5)1*
	11	3/8	20	25.0	27°	8	570-SDUCR/L-20-11	20		20.0	13.0	10	3.0	0.05	DCMT 11 T3 08
				.984				*.787*		*.787*	*.512*	*145*			*DCMT 3(2.5)2*
			25	32.0	27°	8	570-SDUCR/L-25-11	25		20.0	17.0	10	3.0	0.07	DCMT 11 T3 08
				1.260				*.984*		*.787*	*.669*	*145*			*DCMT 3(2.5)2*
			32	40.0	27°	1	570-SDUCR/L-32-11	32		32.0	22.0	10	3.0	0.13	DCMT 11 T3 08
				1.575				*1.260*		*1.260*	*.866*	*145*			*DCMT 3(2.5)2*
			40	50.0	27°	1	570-SDUCR/L-40-11	40		32.0	27.0	10	3.0	0.20	DCMT 11 T3 08
				1.969				*1.575*		*1.260*	*1.063*	*145*			*DCMT 3(2.5)2*
	07	1/4	16	22.0	60°	1	570-SDXCR/L-16-07-E	16	18.8	15.0	13.0	10	0.9	0.03	DCMT 07 02 04
				.866				*.630*	*.740*	*.591*	*.512*	*145*			*DCMT 2(1.5)1*
			20	27.0	60°	1	570-SDXCR/L-20-07-E	20	18.8	15.0	15.0	10	0.9	0.04	DCMT 07 02 04
				1.063				*.787*	*.740*	*.591*	*.591*	*145*			*DCMT 2(1.5)1*
			25	33.0	60°	1	570-SDXCR/L-25-07-D	25	18.8	15.0	18.0	10	0.9	0.06	DCMT 07 02 04
				1.299				*.984*	*.740*	*.591*	*.709*	*145*			*DCMT 2(1.5)1*
	11	3/8	32	40.0	60°	1	570-SDXCR/L-32-11	32	28.0	20.0	22.0	10	3.0	0.12	DCMT 11 T3 08
				1.575				*1.260*	*1.102*	*.787*	*.866*	*145*			*DCMT 3(2.5)2*
			40	50.0	60°	1	570-SDXCR/L-40-11	40	28.0	20.0	27.0	10	3.0	0.18	DCMT 11 T3 08
				1.969				*1.575*	*1.102*	*.787*	*1.063*	*145*			*DCMT 3(2.5)2*

R = Right hand, L = Left hand

		Spare parts			
IC	CZC$_{MS}$	Insert screw	Shim	Shim screw	Locating tube
07	1/4	16	5513 020-03			5552 058-01
07	1/4	20-25	5513 020-03			5552 058-02
11	3/8	20	5513 020-09			5552 058-02
11	3/8	25	5513 020-10			5552 058-02
11	3/8	32-40	5513 020-01	5322 263-01	5512 090-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

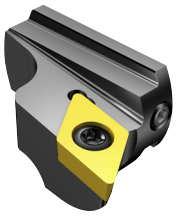
A36 F2 H37 H5 H2

CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL Quick Change

KAPR 93.0°
PSIR -3.0°

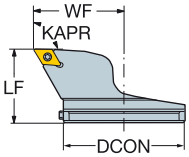


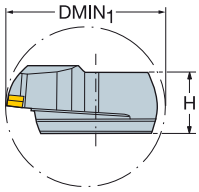


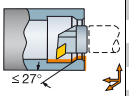


DCMT, DCMX
DCGT, DCGX, DCET

DCMW





						Dimensions, mm, inch						
		IC	CZC_{MS}	$DMIN_1$	RMPX	Ordering code	DCON	H	LF	WF	NM	KG	MIID
	11	3/8	80	100.0	27°	**570-SDUCR/L-80-11**	80	37.5	45.7	57.0	3.0	0.55	DCMT 11 T3 08
				3.937			*3.150*	*1.476*	*1.799*	*2.244*			*DCMT 3(2.5)2*

R = Right hand, L = Left hand

Spare parts			
Insert screw	Shim	Shim screw	Adjustment screw
5513 020-01	5322 263-01	5512 090-01	3214 020-311

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 H37 H2

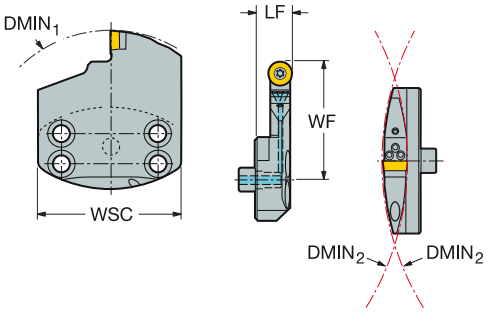
CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL70 – Precision coolant supply







RCMT
RCGX-AL

	IC		CZC_{MS}	$DMIN_1$	$DMIN_2$	CNSC	Ordering code	Dimensions, mm, inch LF	WF	WSC	BAR PSI	NM	KG	MIID
	10	.394	70	120.0	250.0	1	**SL70-SRDCR/L-20-10HP**	17.0	41.0	70.0	30	3.0	0.31	RCMT 10 T3 M0
				4.724	*9.843*			*.669*	*1.614*	*2.756*	*435*			*RCMT 10 T3 M0*
			70	120.0	250.0	1	**SL70-SRDCR/L-35-10HP**	17.0	56.0	70.0	30	3.0	0.35	RCMT 10 T3 M0
				4.724	*9.843*			*.669*	*2.205*	*2.756*	*435*			*RCMT 10 T3 M0*
	12	.472	70	120.0	300.0	1	**SL70-SRDCR/L-35-12HP**	18.0	56.0	70.0	30	3.0	0.41	RCMT 12 04 M0
				4.724	*11.811*			*.709*	*2.205*	*2.756*	*435*			*RCMT 12 04 M0*
			70	120.0	260.0	1	**SL70-SRDCR/L-50-12HP**	18.0	71.0	70.0	30	3.0	0.42	RCMT 12 04 M0
				4.724	*10.236*			*.709*	*2.795*	*2.756*	*435*			*RCMT 12 04 M0*
			70	120.0	260.0	1	**SL70-SRDCR/L-75-12HP**	18.0	96.0	70.0	30	3.0	0.51	RCMT 12 04 M0
				4.724	*10.236*			*.709*	*3.780*	*2.756*	*435*			*RCMT 12 04 M0*

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Screw	Shim	Shim screw	Nozzle	Guide bush
SL70-SRDCR/L-20-10HP	5513 020-10	5322 110-01	5512 090-01	5691 026-13	5552 058-04
SL70-SRDCR/L-35-10HP	5513 020-10	5322 110-01	5512 090-01	5691 026-13	5552 058-04
SL70-SRDCR/L-35-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-03	5552 058-04
SL70-SRDCR/L-50-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-13	5552 058-04
SL70-SRDCR/L-75-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-13	5552 058-04

For the complete list of spare parts, visit www.sandvik.coromant.com

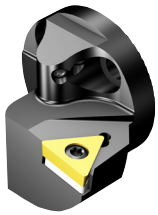
A36 F2 H37 H5 H2

CoroTurn® 107 head for turning

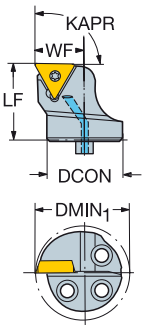
Screw clamp design

CoroTurn® SL - Precision coolant supply

KAPR 91.0°
PSIR -1.0°

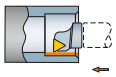






TCMT, TCMX, TCGT, TCGX TCEX

TCMW

	IC		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	11	1/4	25	32.0	1	**SL-STFCR/L-25-11-B1HP**	25	20.0	17.0	80	0.9	0.07	TCMT 11 03 04
				1.260			*.984*	*.787*	*.669*	*1160*			*TCMT 221*
	16	3/8	32	40.0	1	**SL-STFCR/L-32-16HP**	32	32.0	22.0	80	3.0	0.14	TCMT 16 T3 08
				1.575			*1.260*	*1.260*	*.866*	*1160*			*TCMT 3(2.5)2*
			40	50.0	1	**SL-STFCR/L-40-16HP**	40	32.0	27.0	80	3.0	0.22	TCMT 16 T3 08
				1.969			*1.575*	*1.260*	*1.063*	*1160*			*TCMT 3(2.5)2*

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Locating tube	Nozzle
SL-STFCR/L-25-11-B1HP	5513 020-03			5552 058-02	5691 026-13
SL-STFCR/L-32-16HP	5513 020-01	5322 320-01	5512 090-01	5638 031-01	5691 026-13
SL-STFCR/L-40-16HP	5513 020-01	5322 320-01	5512 090-01	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

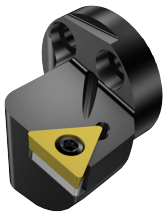
A36 F2 H37 H5 H2

CoroTurn® 107 head for turning

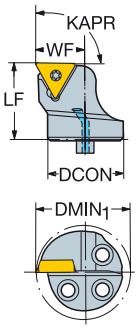
Screw clamp design

CoroTurn® SL

KAPR 91.0°
PSIR -1.0°

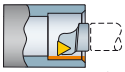






TCMT, TCMX, TCGT, TCGX TCEX

TCMW

	IC		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	NM	KG	MIID
	09	7/32	16	20.0	8	**570-STFCR/L-16-09**	16	20.0	11.0	0.9	0.03	TCMT 09 02 04
				.787			*.630*	*.787*	*.433*			*TCMT 1.8(1.5)1*
	11	1/4	16	20.0	8	**570-STFCR/L-16-11-B1**	16	20.0	11.0	0.9	0.03	TCMT 11 03 04
				.787			*.630*	*.787*	*.433*			*TCMT 221*
			20	25.0	8	**570-STFCR/L-20-11-B1**	20	20.0	13.0	0.9	0.04	TCMT 11 03 04
				.984			*.787*	*.787*	*.512*			*TCMT 221*
			25	32.0	8	**570-STFCR/L-25-11-B1**	25	20.0	17.0	0.9	0.06	TCMT 11 03 04
				1.260			*.984*	*.787*	*.669*			*TCMT 221*
	16	3/8	32	40.0	1	**570-STFCR/L-32-16**	32	32.0	22.0	3.0	0.14	TCMT 16 T3 08
				1.575			*1.260*	*1.260*	*.866*			*TCMT 3(2.5)2*
			40	50.0	1	**570-STFCR/L-40-16**	40	32.0	27.0	3.0	0.21	TCMT 16 T3 08
				1.969			*1.575*	*1.260*	*1.063*			*TCMT 3(2.5)2*

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 =1/8").

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Insert screw	Shim	Shim screw	Locating tube
570-STFCR/L-16-09	5513 020-05			5552 058-01
570-STFCR/L-16-11-B1	5513 020-03			5552 058-01
570-STFCR/L-20-11-B1	5513 020-03			5552 058-02
570-STFCR/L-25-11-B1	5513 020-03			5552 058-02
570-STFCR/L-32-16	5513 020-01	5322 320-01	5512 090-01	5638 031-01
570-STFCR/L-40-16	5513 020-01	5322 320-01	5512 090-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 H37 H2

CoroTurn® 107 head for turning

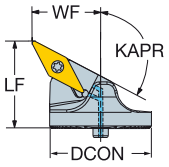
Screw clamp design

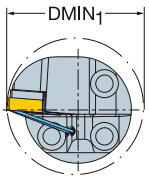
CoroTurn® SL - Precision coolant supply

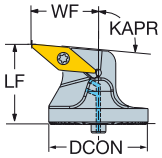
	SL-SVPBR/L..LHP	SL-SVLBR/L..HP
KAPR	117.5°	95.0°
PSIR	-27.5°	-5.0°

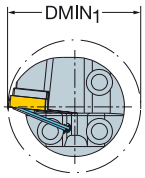






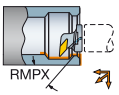
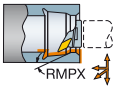






VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

								Dimensions, mm, inch						
			CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	16	3/8	32	40.0	45°	1	**SL-SVLBR/L-32-16HP**	32	32.0	22.0	80	3.0	0.13	VBMT 16 04 08
				1.575				*1.260*	*1.260*	*.866*	*1160*			*VBMT 332*
			40	50.0	45°	1	**SL-SVLBR/L-40-16HP**	40	32.0	27.0	80	3.0	0.19	VBMT 16 04 08
				1.969				*1.575*	*1.260*	*1.063*	*1160*			*VBMT 332*
			25	35.0	45°	1	**SL-SVLBR/L-25-16-LFHP**	25	25.0	20.0	80	3.0	0.08	VBMT 16 04 08
				1.378				*.984*	*.984*	*.787*	*1160*			*VBMT 332*
	16	3/8	32	40.0	25°	1	**SL-SVPBR/L-32-16-LHP**	32	34.0	22.0	80	3.0	0.12	VBMT 16 04 08
				1.575				*1.260*	*1.339*	*.866*	*1160*			*VBMT 332*
			40	50.0	25°	1	**SL-SVPBR/L-40-16-LHP**	40	34.0	27.0	80	3.0	0.17	VBMT 16 04 08
				1.969				*1.575*	*1.339*	*1.063*	*1160*			*VBMT 332*

R = Right hand, L = Left hand

		Spare parts				
	CZC_{MS}	Insert screw	Shim	Shim screw	Locating tube	Nozzle
16	25	5513 020-10			5552 058-02	5691 026-13
16	32-40	5513 020-01	5322 270-01	5512 090-01	5638 031-01	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 H37 H5 H2

CoroTurn® 107 head for turning

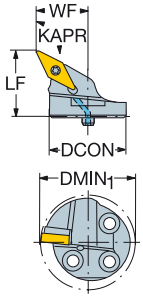
Screw clamp design

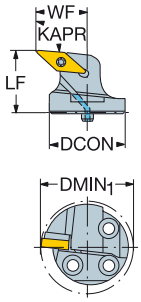
CoroTurn® SL - Internal coolant supply

	570-SVPBR/L	570-SVLBR/L
KAPR	117.5°	95.0°
PSIR	-27.5°	-5.0°









VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

								Dimensions, mm, inch						
			CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	16	3/8	25	35.0	45°	1	570-SVLBR/L-25-16-LF	25	22.0	20.0	10	3.0	0.07	VBMT 16 04 08
				1.378				*.984*	*.866*	*.787*	*145*			*VBMT 332*
			32	40.0	45°	1	570-SVLBR/L-32-16	32	32.0	22.0	10	3.0	0.13	VBMT 16 04 08
				1.575				*1.260*	*1.260*	*.866*	*145*			*VBMT 332*
			40	50.0	45°	1	570-SVLBR/L-40-16	40	32.0	27.0	10	3.0	0.18	VBMT 16 04 08
				1.969				*1.575*	*1.260*	*1.063*	*145*			*VBMT 332*
	16	3/8	32	40.0	25°	1	570-SVPBR/L-32-16-L	32	34.0	22.0	10	3.0	0.12	VBMT 16 04 08
				1.575				*1.260*	*1.339*	*.866*	*145*			*VBMT 332*
			40	50.0	25°	1	570-SVPBR/L-40-16-L	40	34.0	27.0	10	3.0	0.17	VBMT 16 04 08
				1.969				*1.575*	*1.339*	*1.063*	*145*			*VBMT 332*

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Insert screw	Shim	Shim screw	Locating tube
570-SVLBR/L-25-16-LF	5513 020-10			5552 058-02
570-SVLBR/L-32-16	5513 020-01	5322 270-01	5512 090-01	5638 031-01
570-SVPBR/L-32-16-L	5513 020-10	5322 270-01	5512 090-01	5638 031-01
570-SVLBR/L-40-16	5513 020-10	5322 270-01	5512 090-01	5638 031-01
570-SVPBR/L-40-16-L	5513 020-10	5322 270-01	5512 090-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 H37 H5 H2

CoroTurn® 107 head for turning

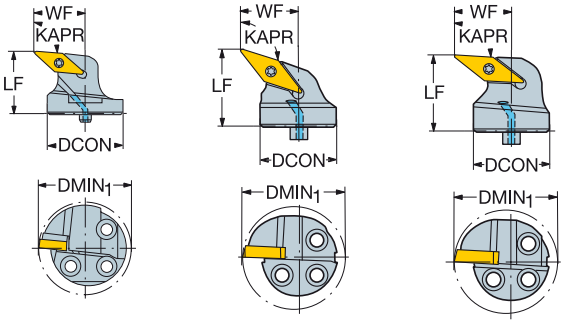
Screw clamp design

CoroTurn® SL - Internal coolant supply

	570C-SVUBR/L	570-SVQCR/L	570-SVUCR/L
KAPR	93.0°	107.5°	93.0°
PSIR	-3.0°	-17.5°	-3.0°

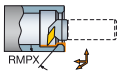
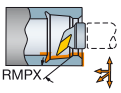
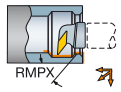






VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

								Dimensions, mm, inch						
			CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	11	1/4	20	27.0	50°	1	570C-SVUBR/L-20-2	20	20.0	16.0	10	0.9	0.04	VBMT 11 02 04
				1.063				*.787*	*.787*	*.630*	*145*			*VBMT 2(1.5)1*
			25	31.0	50°	1	570C-SVUBR/L-25-2	25	25.0	17.0	10	0.9	0.07	VBMT 11 02 04
				1.220				*.984*	*.984*	*.669*	*145*			*VBMT 2(1.5)1*
	11	1/4	20	27.0	35°	1	570-SVQCR/L-20-11-E	20	20.0	15.0	10	0.9	0.04	VCMT 11 03 04
				1.063				*.787*	*.787*	*.591*	*145*			*VCMT 221*
			25	33.0	35°	1	570-SVQCR/L-25-11-D	25	20.0	18.0	10	0.9	0.05	VCMT 11 03 04
				1.299				*.984*	*.787*	*.709*	*145*			*VCMT 221*
	11	1/4	20	27.0	45°	1	570-SVUCR/L-20-11-E	20	20.0	15.0	10	0.9	0.05	VCMT 11 03 04
				1.063				*.787*	*.787*	*.591*	*145*			*VCMT 221*
			25	33.0	45°	1	570-SVUCR/L-25-11-D	25	20.0	18.0	10	0.9	0.06	VCMT 11 03 04
				1.299				*.984*	*.787*	*.709*	*145*			*VCMT 221*

R = Right hand, L = Left hand

Spare parts	
Insert screw	Locating tube
5513 020-03	5552 058-02

For the complete list of spare parts, visit www.sandvik.coromant.com

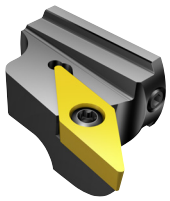
A36 F2 H37 H5 H2

CoroTurn® 107 head for turning

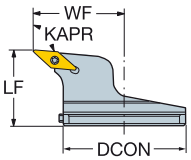
Screw clamp design

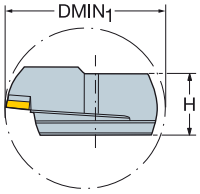
CoroTurn® SL quick change

KAPR 95.0°
PSIR -5.0°



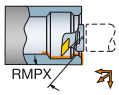






VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

							Dimensions, mm, inch						
			CZC_{MS}	$DMIN_1$	RMPX	Ordering code	DCON	H	LF	WF	NM	KG	MIID
	16	3/8	80	100.0	45°	**570-SVLBR/L-80-16**	80	37.5	45.7	57.0	3.0	0.49	VBMT 16 04 08
				3.937			*3.150*	*1.476*	*1.799*	*2.244*			*VBMT 332*

R = Right hand, L = Left hand

Spare parts			
Insert screw	Shim	Shim screw	Adjustment screw
5513 020-01	5322 270-01	5512 090-01	3214 020-311

For the complete list of spare parts, visit www.sandvik.coromant.com

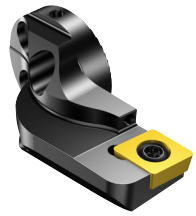
A36 F2 H37 H2

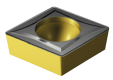
CoroTurn® 107 head for back boring

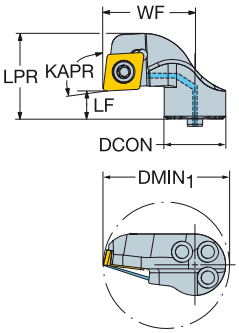
Screw clamp design

CoroTurn® SL - Precision coolant supply

KAPR 93.0°
PSIR -3.0°







CCMT, CCGT
CCGX, CCET

CCMW

							Dimensions, mm, inch							
	IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
09	3/8	16	33.0	7°	1	SL-SCUCR-16-09-16X	16	22.0	7.0	24.0	70	3.0	0.05	CCMT 09 T3 08
			1.299				*.630*	*.866*	*.276*	*.945*	*1015*			*CCMT 3(2.5)2*
		20	41.0	7°	1	SL-SCUCR-20-09-20X	20	22.0	7.0	30.0	70	3.0	0.07	CCMT 09 T3 08
			1.614				*.787*	*.866*	*.276*	*1.181*	*1015*			*CCMT 3(2.5)2*
		25	44.0	7°	1	SL-SCUCR-25-09-18X	25	24.0	7.0	30.5	70	3.0	0.09	CCMT 09 T3 08
			1.732				*.984*	*.945*	*.276*	*1.201*	*1015*			*CCMT 3(2.5)2*
		32	50.0	7°	1	SL-SCUCR-32-09-16X	32	24.0	8.0	32.0	70	3.0	0.12	CCMT 09 T3 08
			1.969				*1.260*	*.945*	*.315*	*1.260*	*1015*			*CCMT 3(2.5)2*
		40	60.0	7°	1	SL-SCUCR-40-09-18X	40	24.0	8.0	38.0	70	3.0	0.18	CCMT 09 T3 08
			2.362				*1.575*	*.945*	*.315*	*1.496*	*1015*			*CCMT 3(2.5)2*
		40	68.0	7°	1	SL-SCUCR-40-09-26X	40	24.0	8.0	46.0	70	3.0	0.21	CCMT 09 T3 08
			2.677				*1.575*	*.945*	*.315*	*1.811*	*1015*			*CCMT 3(2.5)2*

R = Right hand, L = Left hand

		Spare parts		
	IC	CZC_{MS}	Insert screw	Locating tube
09	3/8	16	5513 020-09	5552 058-01
09	3/8	20-25	5513 020-09	5552 058-02
09	3/8	32	5513 020-09	5638 031-01
09	3/8	40	5513 020-09	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

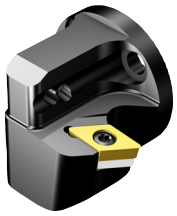
A36 F2 H37 H5 H2

CoroTurn® 107 head for back boring

Screw clamp design

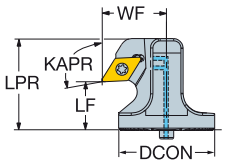
CoroTurn® SL - Precision coolant supply

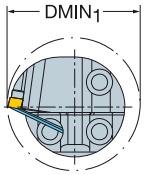
KAPR 93.0°
PSIR -3.0°

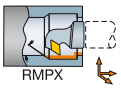




DCMT, DCMX
DCGT, DCGX, DCET
DCMW





								Dimensions, mm, inch							
												BAR PSI	NM	KG	
		IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	**Ordering code**	DCON	LPR	LF	WF				MIID
 RMPX	11	3/8	32	40.0	27°	1	**SL-SDUCR/L-32-11XHP**	32	37.0	20.0	22.0	80	3.0	0.15	DCMT 11 T3 08
				1.575				*1.260*	*1.457*	*.787*	*.866*	*1160*			*DCMT 3(2.5)2*
			40	50.0	27°	1	**SL-SDUCR/L-40-11XHP**	40	37.0	20.0	27.0	80	3.0	0.25	DCMT 11 T3 08
				1.969				*1.575*	*1.457*	*.787*	*1.063*	*1160*			*DCMT 3(2.5)2*
	07	1/4	25	33.0	27°	1	**SL-SDUCR/L-25-07-DXHP**	25	27.9	15.0	18.0	80	0.9	0.09	DCMT 07 02 04
				1.299				*.984*	*1.098*	*.591*	*.709*	*1160*			*DCMT 2(1.5)1*

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Locating tube	Nozzle
SL-SDUCR/L-25-07-DXHP	5513 020-03			5552 058-02	5691 026-13
SL-SDUCR/L-32-11XHP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-13
SL-SDUCR/L-40-11XHP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com


A36


F2



H37



H5


H2

SANDVIK Coromant

CoroTurn® 107 head for back boring

Screw clamp design

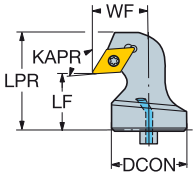
CoroTurn® SL - Internal coolant supply

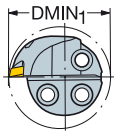
KAPR 93.0°
PSIR -3.0°

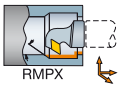




DCMT, DCMX
DCGT, DCGX, DCET
DCMW





								Dimensions, mm, inch							
		IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
 RMPX	07	1/4	16	22.0	27°	1	570-SDUCR/L-16-07-EX	16	26.6	15.0	13.0	10	0.9	0.03	DCMT 07 02 04
				.866				*.630*	*1.047*	*.591*	*.512*	*145*			*DCMT 2(1.5)1*
			20	27.0	27°	1	570-SDUCR/L-20-07-EX	20	26.6	15.0	15.0	10	0.9	0.05	DCMT 07 02 04
				1.063				*.787*	*1.047*	*.591*	*.591*	*145*			*DCMT 2(1.5)1*
			25	33.0	27°	1	570-SDUCR/L-25-07-DX	25	26.6	15.0	18.0	10	0.9	0.06	DCMT 07 02 04
				1.299				*.984*	*1.047*	*.591*	*.709*	*145*			*DCMT 2(1.5)1*
	11	3/8	32	40.0	27°	1	570-SDUCR/L-32-11X	32	37.0	20.0	22.0	10	3.0	0.14	DCMT 11 T3 08
				1.575				*1.260*	*1.457*	*.787*	*.866*	*145*			*DCMT 3(2.5)2*
			40	50.0	27°	1	570-SDUCR/L-40-11X	40	37.0	20.0	27.0	10	3.0	0.22	DCMT 11 T3 08
				1.969				*1.575*	*1.457*	*.787*	*1.063*	*145*			*DCMT 3(2.5)2*

R = Right hand, L = Left hand

		Spare parts				
	IC	CZC_{MS}	Insert screw	Shim	Shim screw	Locating tube
07	1/4	16	5513 020-03			5552 058-01
07	1/4	20-25	5513 020-03			5552 058-02
11	3/8	32-40	5513 020-01	5322 263-01	5512 090-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

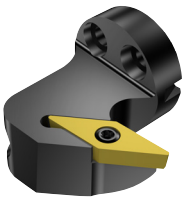
A36 F2 H37 H5 H2

CoroTurn® 107 head for back boring

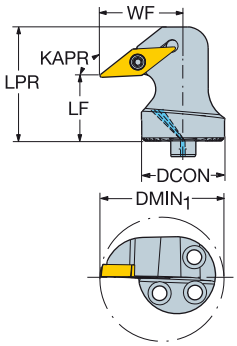
Screw clamp design

CoroTurn® SL - Internal coolant supply

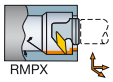
KAPR 93.0°
PSIR -3.0°







VCMT, VCEX, VCGX
VCMW

								Ordering code	Dimensions, mm, inch							MIID
			CZC_{MS}	$DMIN_1$	RMPX	CNSC			DCON	LPR	LF	WF	BAR PSI	NM	KG	
 RMPX	11	1/4	20	32.0	30°	1		570-SVUCR/L-20-11X-E	20	27.0	15.0	20.0	10	0.9	0.05	VCMT 11 03 04
				1.260					*.787*	*1.063*	*.591*	*.787*	*145*			*VCMT 221*
			25	37.0	30°	1		570-SVUCR/L-25-11X-D	25	27.0	15.0	22.0	10	0.9	0.08	VCMT 11 03 04
				1.457					*.984*	*1.063*	*.591*	*.866*	*145*			*VCMT 221*

R = Right hand, L = Left hand

Spare parts

Insert screw	Locating tube
5513 020-03	5552 058-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A36 F2 H37 H5 H2

T-Max® P

Optimized for external turning

Application

- Longitudinal turning
- Face turning
- Profiling
- Roughing to finishing
- Internal turning of large diameter bores from dia 50 mm (2 inch)



ISO application area:

P M K S H

Benefits and features

- Productive solution with wiper and Xcel technologies
- Tools featuring precision coolant for excellent chip breaking
- Reliable and secure machining, even in roughing applications
- Double-sided inserts with strong edges
- Lever clamping for wet machining, rigid-clamping for dry machining and short chip materials, wedge clamp for improved accessibility

www.sandvik.coromant.com/tmaxp

Inserts

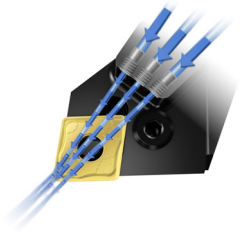
- All types of insert shapes and sizes
- Geometries and grades for all application areas
- Insert grades also in advanced cutting materials PCD, CBN, and ceramic
- Inserts dedicated for precision coolant

Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads

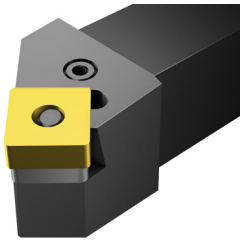
Precision coolant

Holders are available with precision nozzles for excellent chip control.



Different clamping solutions

Lever clamping



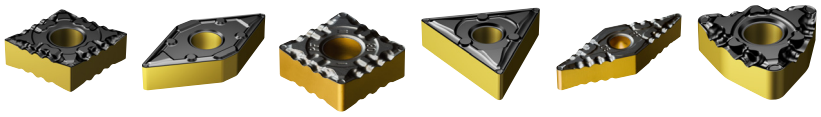
Rigid clamping



A174 A214 A268 H28

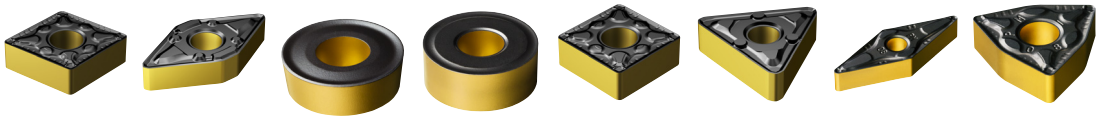
T-Max® P insert for turning

Finishing



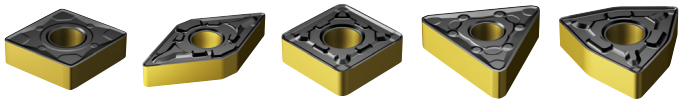
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Page	A175	A187	A196	A201	A206	A208

Medium



	CN..	DN..	RC..	RN..	SN..	TN..	VN..	WN..
Page	A175	A187	A195	A195	A196	A201	A206	A208

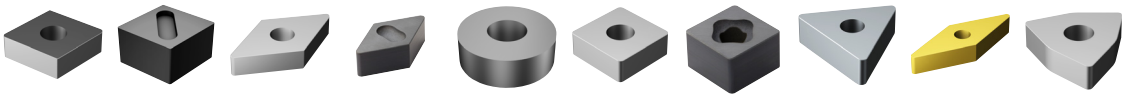
Roughing



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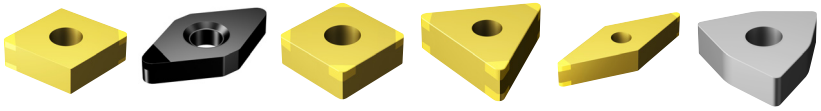
Advanced cutting materials

Ceramics



	CN..	CNGX	DN..	DNGX	RN..	SN..	SNGQ	TN..	VN..	WN..
Page	A183	A183	A193	A193	A195	A200	A200	A205	A207	A212

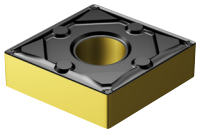
Cubic boron nitride (CBN)

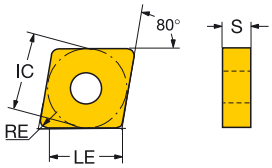


	CN..	DN..	SN..	TN..	VN..	WN..
Page	A183	A193	A200	A205	A207	A212

T-Max® P insert for turning

C-style insert (Rhombic 80°)



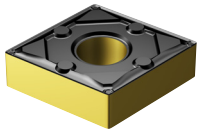


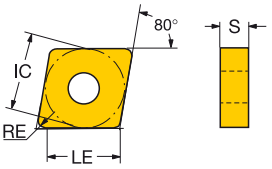
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Finishing	WF	09	3/8	9.3	3.18	0.40	CNMG 09 03 04-WF									★														CNMG 321-WF
				.365	.125	.016																								
				8.9	3.18	0.79	CNMG 09 03 08-WF				★					★					★	☆								CNMG 322-WF
				.349	.125	.031																								
		12	1/2	12.5	4.76	0.40	CNMG 12 04 04-WF		☆		★	☆		☆	☆	☆	★				★	☆								CNMG 431-WF
				.492	.187	.016																								
				12.1	4.76	0.79	CNMG 12 04 08-WF		☆	☆	★	☆		☆	☆	☆	★				★	☆								CNMG 432-WF
				.476	.187	.031																								
				11.7	4.76	1.19	CNMG 12 04 12-WF			☆	★	☆				★					★	☆								CNMG 433-WF
				.460	.187	.047																								
	PF	09	3/8	9.3	3.18	0.40	CNMG 09 03 04-PF		☆		★	☆		☆																CNMG 321-PF
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				8.9	3.18	0.79	CNMG 09 03 08-PF		☆		★	☆		☆																CNMG 322-PF
				.349	.125	.031																								
		12	1/2	12.5	4.76	0.40	CNMG 12 04 04-PF		☆		★	☆		☆																CNMG 431-PF
				.492	.187	.016																								
				12.1	4.76	0.79	CNMG 12 04 08-PF		☆	☆	★	☆		☆																CNMG 432-PF
				.476	.187	.031																								
				11.7	4.76	1.19	CNMG 12 04 12-PF		☆	☆	★	☆		☆																CNMG 433-PF
				.460	.187	.047																								
	KF	12	1/2	12.5	4.76	0.40	CNMG 12 04 04-KF														★	☆								CNMG 431-KF
				.492	.187	.016																								
				12.1	4.76	0.79	CNMG 12 04 08-KF														★	☆								CNMG 432-KF
				.476	.187	.031																								
				11.7	4.76	1.19	CNMG 12 04 12-KF														★	☆								CNMG 433-KF
				.460	.187	.047																								
	MF	09	3/8	9.3	3.18	0.40	CNMG 09 03 04-MF								☆	☆		★							★	☆				CNMG 321-MF
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				8.9	3.18	0.79	CNMG 09 03 08-MF								☆	☆		★							★	☆				CNMG 322-MF
				.349	.125	.031																								
		12	1/2	12.5	4.76	0.40	CNMG 12 04 04-MF								☆	☆	★	☆		☆				★	☆	☆		☆	CNMG 431-MF
				.492	.187	.016																								
				12.1	4.76	0.79	CNMG 12 04 08-MF								☆	☆	★	☆		☆				★	☆	☆		☆	CNMG 432-MF
				.476	.187	.031																								
				11.7	4.76	1.19	CNMG 12 04 12-MF								☆	☆	★	☆						★	☆	☆		☆	CNMG 433-MF
				.460	.187	.047																								
	SGF	12	1/2	12.8	4.76	0.10	CNGG 12 04 01-SGF								☆	☆								★	☆	☆	☆		CNGG 43(.30)-SGF
				.503	.187	.004																								
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				8.5	4.76	0.40	CNGG 12 04 04-SGF								★	☆								★	☆	☆	☆	☆	CNGG 431-SGF
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				.335	.187	.031																								
				8.5	4.76	1.19	CNGG 12 04 12-SGF								★									★	☆		☆	☆	CNGG 433-SGF
				.335	.187	.047																								
	SF	12	1/2	8.5	4.76	0.40	CNMG 12 04 04-SF								★	☆								★	☆	☆	☆	☆	CNMG 431-SF
				.335	.187	.016																								
				8.5	4.76	0.79	CNMG 12 04 08-SF								★	☆								★	☆	☆	☆	☆	CNMG 432-SF
				.335	.187	.031																								
				8.5	4.76	1.19	CNMG 12 04 12-SF								★									★	☆		☆	☆	CNMG 433-SF
				.335	.187	.047																								
	XF	12	1/2	12.5	4.76	0.40	CNMG 12 04 04-XF				★	☆					★	☆		☆										CNMG 431-XF
				.492	.187	.016																								
				12.1	4.76	0.79	CNMG 12 04 08-XF				★	☆					★	☆		☆										CNMG 432-XF
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A214 A268 A334 A365 H37 H6

T-Max® P insert for turning

C-style insert (Rhombic 80°)





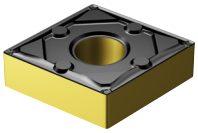
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			IC	LE	S	RE	ISO CODE																						ANSI CODE
Medium	WM	12	1/2	12.1	4.76	0.79	CNMG 12 04 08-WM		☆	☆	☆	★	☆				★				★	☆							CNMG 432-WM
				.476	.187	.031																							
				11.7	4.76	1.19	CNMG 12 04 12-WM		☆	☆	☆	★	☆				★				★	☆							CNMG 433-WM
				.460	.187	.047																							
		16	5/8	15.3	6.35	0.79	CNMG 16 06 08-WM				☆	★																	CNMG 542-WM
				.603	.250	.031																							
				14.9	6.35	1.19	CNMG 16 06 12-WM				☆	★																	CNMG 543-WM
				.587	.250	.047																							
	WMX	12	1/2	12.1	4.76	0.79	CNMG 12 04 08-WMX			☆	☆	★	☆				★				★	☆							CNMG 432-WMX
				.476	.187	.031																							
				11.7	4.76	1.19	CNMG 12 04 12-WMX			☆	☆	★	☆				★				★	☆							CNMG 433-WMX
				.460	.187	.047																							
		16	5/8	15.3	6.35	0.79	CNMG 16 06 08-WMX			☆	☆	★					★				★	☆							CNMG 542-WMX
				.603	.250	.031																							
				14.9	6.35	1.19	CNMG 16 06 12-WMX			☆	☆	★	☆				★				★	☆							CNMG 543-WMX
				.587	.250	.047																							
	PM	09	3/8	9.3	3.18	0.40	CNMG 09 03 04-PM				☆	★	☆																CNMG 321-PM
				.365	.125	.016																							
				8.9	3.18	0.79	CNMG 09 03 08-PM				☆	★	☆																CNMG 322-PM
				.349	.125	.031																							
		12	1/2	12.5	4.76	0.40	CNMG 12 04 04-PM				☆	★	☆																CNMG 431-PM
				.492	.187	.016																							
				12.1	4.76	0.79	CNMG 12 04 08-PM		☆	☆	☆	★	☆																CNMG 432-PM
				.476	.187	.031																							
				11.7	4.76	1.19	CNMG 12 04 12-PM			☆	☆	★	☆																CNMG 433-PM
				.460	.187	.047																							
				11.3	4.76	1.59	CNMG 12 04 16-PM			☆	☆	★	☆																CNMG 434-PM
				.445	.187	.062																							
		16	5/8	15.3	6.35	0.79	CNMG 16 06 08-PM				☆	★	☆																CNMG 542-PM
				.603	.250	.031																							
				14.9	6.35	1.19	CNMG 16 06 12-PM			☆	☆	★	☆																CNMG 543-PM
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				14.5	6.35	1.59	CNMG 16 06 16-PM				☆	★	☆																CNMG 544-PM
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		19	3/4	18.5	6.35	0.79	CNMG 19 06 08-PM				☆	★	☆																CNMG 642-PM
				.730	.250	.031																							
				18.1	6.35	1.19	CNMG 19 06 12-PM				☆	★	☆																CNMG 643-PM
				.714	.250	.047																							
				17.7	6.35	1.59	CNMG 19 06 16-PM				☆	★	☆																CNMG 644-PM
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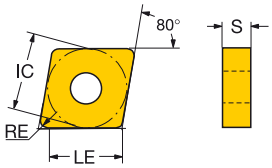
A214 A268 A334 A365 H37 H6

SANDVIK Coromant

T-Max® P insert for turning

C-style insert (Rhombic 80°)



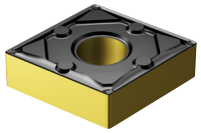


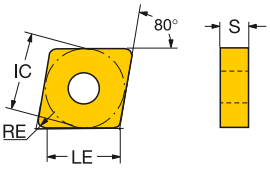
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Medium	MM	3/8	9.3	3.18	0.40	CNMG 09 03 04-MM							☆	☆		★							★	☆			CNMG 321-MM
			.365	.125	.016																						
			8.9	3.18	0.79	CNMG 09 03 08-MM							☆	☆		★		☆									CNMG 322-MM
			.349	.125	.031																						
		1/2	12.1	4.76	0.79	CNMG 12 04 08-MM							☆	☆	☆	★	☆	☆									CNMG 432-MM
			.476	.187	.031																						
			11.7	4.76	1.19	CNMG 12 04 12-MM							☆	☆	☆	★	☆	☆					★	☆			CNMG 433-MM
			.460	.187	.047																						
			11.3	4.76	1.59	CNMG 12 04 16-MM									☆	★	☆	☆									CNMG 434-MM
			.445	.187	.062																						
		5/8	15.3	6.35	0.79	CNMG 16 06 08-MM									☆	★	☆	☆									CNMG 542-MM
			.603	.250	.031																						
			14.9	6.35	1.19	CNMG 16 06 12-MM									☆	★	☆	☆									CNMG 543-MM
			.587	.250	.047																						
			14.5	6.35	1.59	CNMG 16 06 16-MM										★	☆	☆									CNMG 544-MM
			.572	.250	.062																						
		3/4	18.5	6.35	0.79	CNMG 19 06 08-MM										★	☆	☆									CNMG 642-MM
			.730	.250	.031																						
			18.1	6.35	1.19	CNMG 19 06 12-MM									☆	★	☆	☆									CNMG 643-MM
			.714	.250	.047																						
			17.7	6.35	1.59	CNMG 19 06 16-MM										★	☆	☆									CNMG 644-MM
			.699	.250	.062																						
	KM	1/2	12.1	4.76	0.79	CNMG 12 04 08-KM													★	☆							CNMG 432-KM
			.476	.187	.031																						
			11.7	4.76	1.19	CNMG 12 04 12-KM													★	☆							CNMG 433-KM
			.460	.187	.047																						
			11.3	4.76	1.59	CNMG 12 04 16-KM													★	☆							CNMG 434-KM
			.445	.187	.062																						
		5/8	15.3	6.35	0.79	CNMG 16 06 08-KM													★	☆							CNMG 542-KM
			.603	.250	.031																						
			14.9	6.35	1.19	CNMG 16 06 12-KM													★	☆							CNMG 543-KM
			.587	.250	.047																						
			14.5	6.35	1.59	CNMG 16 06 16-KM													★	☆							CNMG 544-KM
			.572	.250	.062																						
		3/4	18.1	6.35	1.19	CNMG 19 06 12-KM													★	☆							CNMG 643-KM
			.714	.250	.047																						
			17.7	6.35	1.59	CNMG 19 06 16-KM													★	☆							CNMG 644-KM
			.699	.250	.062																						

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T-Max® P insert for turning

C-style insert (Rhombic 80°)

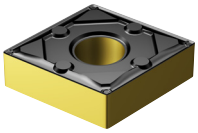


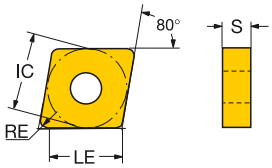


									P						M						K			S						
									1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1105	1115	1125	H13A	S05F	
			IC	LE	S	RE	ISO CODE																						ANSI CODE
Medium	QM	09	3/8	9.3	3.18	0.40	CNMG 09 03 04-QM					★																	CNMG 321-QM
				.365	.125	.016																							
				8.9	3.18	0.79	CNMG 09 03 08-QM		☆	☆	★	☆																	CNMG 322-QM
				.349	.125	.031																							
		12	1/2	12.5	4.76	0.40	CNMG 12 04 04-QM			☆	★	☆		☆			★		★			★		★	☆		☆		CNMG 431-QM
				.492	.187	.016																							
				12.1	4.76	0.79	CNMG 12 04 08-QM		☆	☆	★	☆		☆			★		★			★		★	☆		☆	☆	CNMG 432-QM
				.476	.187	.031																							
				11.7	4.76	1.19	CNMG 12 04 12-QM		☆	☆	★	☆		☆			★		★			★		★	☆		☆	☆	CNMG 433-QM
				.460	.187	.047																							
				11.3	4.76	1.59	CNMG 12 04 16-QM		☆	☆	★			☆					★			★		★	☆		☆		CNMG 434-QM
				.445	.187	.062																							
		16	5/8	15.7	6.35	0.40	CNMG 16 06 04-QM			☆	★																		CNMG 541-QM
				.619	.250	.016																							
				15.3	6.35	0.79	CNMG 16 06 08-QM			☆	★	☆											★				★		CNMG 542-QM
				.603	.250	.031																							
				14.9	6.35	1.19	CNMG 16 06 12-QM		☆	☆	★	☆		★			★					★		★	☆		☆		CNMG 543-QM
				.587	.250	.047																							
				14.5	6.35	1.59	CNMG 16 06 16-QM		☆	☆	★									★									CNMG 544-QM
				.572	.250	.062																							
		19	3/4	18.9	6.35	0.40	CNMG 19 06 04-QM			☆	★																		CNMG 641-QM
				.746	.250	.016																							
				18.5	6.35	0.79	CNMG 19 06 08-QM			☆	★	☆																	CNMG 642-QM
				.730	.250	.031																							
				18.1	6.35	1.19	CNMG 19 06 12-QM		☆	☆	★	☆		★			★					★		★	☆		☆		CNMG 643-QM
				.714	.250	.047																							
				17.7	6.35	1.59	CNMG 19 06 16-QM		☆	☆	★	☆								★			★				★		CNMG 644-QM
				.699	.250	.062																							
	SM	12	1/2	8.5	4.76	0.40	CNMG 12 04 04-SM							★	☆										☆	☆	★	☆	☆	CNMG 431-SM
				.335	.187	.016																							
				8.5	4.76	0.79	CNMG 12 04 08-SM							★	☆										☆	☆	★	☆	☆	CNMG 432-SM
				.335	.187	.031																							
				8.5	4.76	1.19	CNMG 12 04 12-SM							★	☆										☆	☆	★	☆	☆	CNMG 433-SM
				.335	.187	.047																							
		16	5/8	15.3	6.35	0.79	CNMG 16 06 08-SM							☆	☆		★								☆	☆	★		☆	CNMG 542-SM
				.603	.250	.031																							
				10.6	6.35	1.19	CNMG 16 06 12-SM							☆	☆		★								☆	☆	★	☆	☆	CNMG 543-SM
				.417	.250	.047																							
				10.6	6.35	1.59	CNMG 16 06 16-SM							★	☆										☆	☆	★	☆	☆	CNMG 544-SM
				.417	.250	.062																							
		19	3/4	18.5	6.35	0.79	CNMG 19 06 08-SM							★	☆										☆	☆	★	☆	☆	CNMG 642-SM
				.730	.250	.031																							
				18.1	6.35	1.19	CNMG 19 06 12-SM							☆	☆		★								☆	☆	★	☆	☆	CNMG 643-SM
				.714	.250	.047																							
				12.7	6.35	1.59	CNMG 19 06 16-SM							☆	☆		★								☆	☆	★	☆	☆	CNMG 644-SM
				.500	.250	.062																							
	SMR	12	1/2	8.5	4.76	0.79	CNMG 12 04 08-SMR							☆	☆		★								☆	☆	★	☆	☆	CNMG 432-SMR
				.335	.187	.031																							
				8.5	4.76	1.19	CNMG 12 04 12-SMR							☆	☆		★								☆	☆	★	☆	☆	CNMG 433-SMR
				.335	.187	.047																							
				8.5	4.76	1.59	CNMG 12 04 16-SMR							☆	☆		★								☆	☆	★	☆	☆	CNMG 434-SMR
				.335	.187	.062																							
	XM	12	1/2	12.5	4.76	0.40	CNMG 12 04 04-XM				☆	★				☆	★		☆											CNMG 431-XM
				.492	.187	.016																							
				12.1	4.76	0.79	CNMG 12 04 08-XM				☆	★				☆	★		☆											CNMG 432-XM
				.476	.187	.031																							
				11.7	4.76	1.19	CNMG 12 04 12-XM				☆	★				☆	★		☆											CNMG 433-XM
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T-Max® P insert for turning

C-style insert (Rhombic 80°)



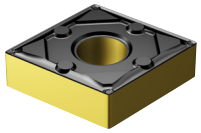


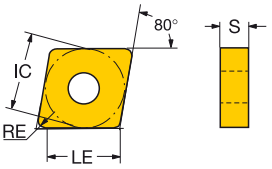
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Roughing	MR	12	1/2	12.1	4.76	0.79	CNMM 12 04 08-MR									☆	★	☆									CNMM 432-MR
				.476	.187	.031																					
				11.7	4.76	1.19	CNMM 12 04 12-MR									★		☆									CNMM 433-MR
				.460	.187	.047																					
				11.3	4.76	1.59	CNMM 12 04 16-MR					★				★											CNMM 434-MR
				.445	.187	.062																					
		16	5/8	14.9	6.35	1.19	CNMM 16 06 12-MR									★		☆									CNMM 543-MR
				.587	.250	.047																					
				14.5	6.35	1.59	CNMM 16 06 16-MR									★		☆									CNMM 544-MR
				.572	.250	.062																					
		19	3/4	18.1	6.35	1.19	CNMM 19 06 12-MR									★		☆									CNMM 643-MR
				.714	.250	.047																					
				17.7	6.35	1.59	CNMM 19 06 16-MR					★				☆	★	☆									CNMM 644-MR
				.699	.250	.062																					
				16.9	6.35	2.38	CNMM 19 06 24-MR									★		☆									CNMM 646-MR
				.667	.250	.094																					
	PR	12	1/2	12.1	4.76	0.79	CNMG 12 04 08-PR		☆	☆	☆	★															CNMG 432-PR
				.476	.187	.031																					
				11.7	4.76	1.19	CNMG 12 04 12-PR		☆	☆	☆	★															CNMG 433-PR
				.460	.187	.047																					
				11.3	4.76	1.59	CNMG 12 04 16-PR		☆	☆	☆	★															CNMG 434-PR
				.445	.187	.062																					
		16	5/8	15.3	6.35	0.79	CNMG 16 06 08-PR		☆		☆	★															CNMG 542-PR
				.603	.250	.031																					
				14.9	6.35	1.19	CNMG 16 06 12-PR		☆	☆	☆	★															CNMG 543-PR
				.587	.250	.047																					
				14.5	6.35	1.59	CNMG 16 06 16-PR		☆	☆	☆	★															CNMG 544-PR
				.572	.250	.062																					
				13.7	6.35	2.38	CNMG 16 06 24-PR		☆	☆	☆	★															CNMG 546-PR
				.540	.250	.094																					
		19	3/4	18.5	6.35	0.79	CNMG 19 06 08-PR			☆	☆	★															CNMG 642-PR
				.730	.250	.031																					
				18.1	6.35	1.19	CNMG 19 06 12-PR		☆	☆	☆	★															CNMG 643-PR
				.714	.250	.047																					
				17.7	6.35	1.59	CNMG 19 06 16-PR		☆	☆	☆	★															CNMG 644-PR
				.699	.250	.062																					
				16.9	6.35	2.38	CNMG 19 06 24-PR			☆	☆	★															CNMG 646-PR
				.667	.250	.094																					
		12	1/2	12.1	4.76	0.79	CNMM 12 04 08-PR		☆	☆	☆	★															CNMM 432-PR
				.476	.187	.031																					
				11.7	4.76	1.19	CNMM 12 04 12-PR		☆	☆	☆	★															CNMM 433-PR
				.460	.187	.047																					
				11.3	4.76	1.59	CNMM 12 04 16-PR		☆	☆	☆	★															CNMM 434-PR
				.445	.187	.062																					
		16	5/8	15.3	6.35	0.79	CNMM 16 06 08-PR			☆	☆	★															CNMM 542-PR
				.603	.250	.031																					
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				.587	.250	.047																					
				14.5	6.35	1.59	CNMM 16 06 16-PR		☆	☆	☆	★															CNMM 544-PR
				.572	.250	.062																					
		19	3/4	18.1	6.35	1.19	CNMM 19 06 12-PR		☆	☆	☆	★															CNMM 643-PR
				.714	.250	.047																					
				17.7	6.35	1.59	CNMM 19 06 16-PR		☆	☆	☆	★															CNMM 644-PR
				.699	.250	.062																					
				16.9	6.35	2.38	CNMM 19 06 24-PR		☆	☆	☆	★															CNMM 646-PR
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T-Max® P insert for turning

C-style insert (Rhombic 80°)





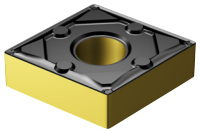
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		IC		LE	S	RE	ISO CODE																					ANSI CODE
Roughing	KR	12	1/2	12.5	4.76	0.40	CNMA 12 04 04-KR													☆	★							CNMA 431-KR
				.492	.187	.016																						
				12.1	4.76	0.79	CNMA 12 04 08-KR													☆	★							CNMA 432-KR
				.476	.187	.031																						
				11.7	4.76	1.19	CNMA 12 04 12-KR													☆	★							CNMA 433-KR
				.460	.187	.047																						
				11.3	4.76	1.59	CNMA 12 04 16-KR													☆	★							CNMA 434-KR
				.445	.187	.062																						
		16	5/8	14.9	6.35	1.19	CNMA 16 06 12-KR													☆	★							CNMA 543-KR
				.587	.250	.047																						
				14.5	6.35	1.59	CNMA 16 06 16-KR													☆	★							CNMA 544-KR
				.572	.250	.062																						
		19	3/4	18.5	6.35	0.79	CNMA 19 06 08-KR													☆	★							CNMA 642-KR
				.730	.250	.031																						
				18.1	6.35	1.19	CNMA 19 06 12-KR													☆	★							CNMA 643-KR
				.714	.250	.047																						
				17.7	6.35	1.59	CNMA 19 06 16-KR													☆	★							CNMA 644-KR
				.699	.250	.062																						
				16.9	6.35	2.38	CNMA 19 06 24-KR													☆	★							CNMA 646-KR
				.667	.250	.094																						
		12	1/2	12.1	4.76	0.79	CNMG 12 04 08-KR													☆	★							CNMG 432-KR
				.476	.187	.031																						
				11.7	4.76	1.19	CNMG 12 04 12-KR													☆	★							CNMG 433-KR
				.460	.187	.047																						
				11.3	4.76	1.59	CNMG 12 04 16-KR													☆	★							CNMG 434-KR
				.445	.187	.062																						
		16	5/8	14.9	6.35	1.19	CNMG 16 06 12-KR													☆	★							CNMG 543-KR
				.587	.250	.047																						
				14.5	6.35	1.59	CNMG 16 06 16-KR													☆	★							CNMG 544-KR
				.572	.250	.062																						
		19	3/4	18.1	6.35	1.19	CNMG 19 06 12-KR													☆	★							CNMG 643-KR
				.714	.250	.047																						
				17.7	6.35	1.59	CNMG 19 06 16-KR													☆	★							CNMG 644-KR
				.699	.250	.062																						
	MR	12	1/2	12.1	4.76	0.79	CNMG 12 04 08-MR									☆	☆	★	☆									CNMG 432-MR
				.476	.187	.031																						
				11.7	4.76	1.19	CNMG 12 04 12-MR									☆	☆	★	☆									CNMG 433-MR
				.460	.187	.047																						
				11.3	4.76	1.59	CNMG 12 04 16-MR									☆	☆	★	☆									CNMG 434-MR
				.445	.187	.062																						
		16	5/8	14.9	6.35	1.19	CNMG 16 06 12-MR									☆	☆	★	☆									CNMG 543-MR
				.587	.250	.047																						
				14.5	6.35	1.59	CNMG 16 06 16-MR									☆	☆	★	☆									CNMG 544-MR
				.572	.250	.062																						
		19	3/4	18.1	6.35	1.19	CNMG 19 06 12-MR									☆	☆	★	☆									CNMG 643-MR
				.714	.250	.047																						
				17.7	6.35	1.59	CNMG 19 06 16-MR									☆	☆	★	☆									CNMG 644-MR
				.699	.250	.062																						
				16.9	6.35	2.38	CNMG 19 06 24-MR											★	☆									CNMG 646-MR
				.667	.250	.094																						
	SMR	16	5/8	10.6	6.35	1.59	CNMG 16 06 16-SMR							☆	☆		★						☆	☆	★	☆		CNMG 544-SMR
				.417	.250	.062																						
		19	3/4	18.1	6.35	1.19	CNMG 19 06 12-SMR							☆	☆		★						☆	☆	★	☆		CNMG 643-SMR
				.714	.250	.047																						
				12.7	6.35	1.59	CNMG 19 06 16-SMR							☆	☆		★						☆	☆	★	☆		CNMG 644-SMR
				.500	.250	.062																						

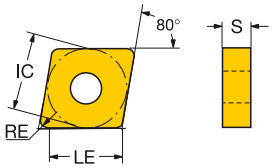
A214 A268 A334 A365 H37 H6

SANDVIK Coromant

T-Max® P insert for turning

C-style insert (Rhombic 80°)





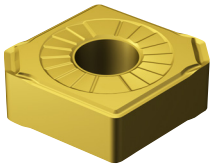
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Roughing	XMR	1/2	12.1	4.76	0.79	CNMG 12 04 08-XMR			☆	★					☆	★		☆									CNMG 432-XMR
			.476	.187	.031																						
			11.7	4.76	1.19	CNMG 12 04 12-XMR			☆	★					☆	★		☆									CNMG 433-XMR
			.460	.187	.047																						
			11.3	4.76	1.59	CNMG 12 04 16-XMR			☆	★								★									CNMG 434-XMR
			.445	.187	.062																						
		5/8	14.9	6.35	1.19	CNMG 16 06 12-XMR			☆	★								★									CNMG 543-XMR
			.587	.250	.047																						
			14.5	6.35	1.59	CNMG 16 06 16-XMR			☆	★								★									CNMG 544-XMR
			.572	.250	.062																						
		3/4	18.1	6.35	1.19	CNMG 19 06 12-XMR			☆	★								★									CNMG 643-XMR
			.714	.250	.047																						
			17.7	6.35	1.59	CNMG 19 06 16-XMR												★									CNMG 644-XMR
			.699	.250	.062																						

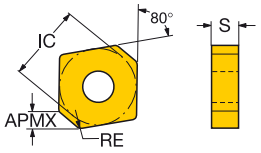
A214 A268 A334 A365 H37 H6

T-Max® P insert for turning

C-style insert (Rhombic 80°)

High feed geometry



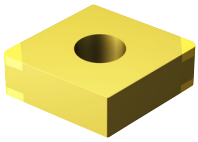


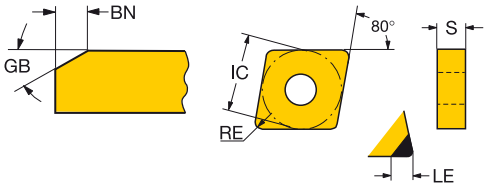
	IC	LE	S	RE	APMX	KCH	CHW	ISO CODE	M 2015	S 1105	S H13A	S S05F	ANSI CODE
Roughing	12	1/2	2.4	4.76	0.8	1.5	50°	1.5	CNMX 12 04 A1-SM		★		☆	CNMX 43A1-SM
			.094	.187	.031	.059	50°	.059						
			3.8	4.76	0.8	2.5	50°	2.5	CNMX 12 04 A2-SM	★	★	☆	☆	CNMX 43A2-SM
			.150	.187	.031	.098	50°	.098						

T-Max® P insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials





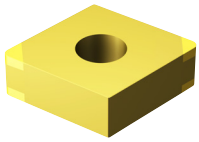
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									6190	650	7525	650	6050	7015	7025	7105	7525	
Finishing	09	3/8	2.4	3.18	0.4	30°	0.10	CNGA090304S01030A						★	☆			CNGA321S0330A
			.094	.125	.016	30°	.004											
			2.4	3.18	0.8	30°	0.10	CNGA090308S01030A						★	☆			CNGA322S0330A
			.094	.125	.031	30°	.004											
			2.0	3.18	0.8	35°	0.20	CNGA090308S02035A							★			CNGA322S0835A
			.079	.125	.031	35°	.008											
			2.4	3.18	0.4	30°	0.10	CNGA090304S01030AWH							★			CNGA321S0330AWH
			.094	.125	.016	30°	.004											
			2.4	3.18	0.4	30°	0.10	CNGA090304T01030AWH						★				CNGA321T0330AWH
			.094	.125	.016	30°	.004											
			2.4	3.18	0.8	30°	0.10	CNGA090308S01030AWH							★			CNGA322S0330AWH
			.094	.125	.031	30°	.004											
			2.4	3.18	0.8	30°	0.10	CNGA090308T01030AWH						★				CNGA322T0330AWH
			.094	.125	.031	30°	.004											
	12	1/2	1.8	4.76	0.4	20°	0.10	CNGA120404S01020A							★			CNGA431S0320A
			.071	.187	.016	20°	.004											
			2.6	4.76	0.4	20°	0.10	CNGA120404S01020H								★		CNGA431S0320H
			.102	.187	.016	20°	.004											
			3.0	4.76	0.4	30°	0.10	CNGA120404S01030A						★	☆			CNGA431S0330A
			.118	.187	.016	30°	.004											
			12.5	4.76	0.4	25°	0.15	CNGA120404S01525					★					CNGA431S0625
			.492	.187	.016	25°	.006											
			2.6	4.76	0.4	25°	0.15	CNGA120404S01525H								☆	★	CNGA431S0525H
			.102	.187	.016	25°	.006											
			1.8	4.76	0.4	35°	0.20	CNGA120404S02035A							★			CNGA431S0835A
			.071	.187	.016	35°	.008											
			3.1	4.76	0.4	35°	0.20	CNGA120404S02035B			★						★	CNGA431S0835B
			.122	.187	.016	35°	.008											
			3.1	4.76	0.4	20°	0.10	CNGA120404T01020B			★						★	CNGA431T0320B
			.122	.187	.016	20°	.004											
			2.9	4.76	0.8	18°	0.10	CNGA120408S01018A						★	☆			CNGA432S0318A
			.114	.187	.031	18°	.004											
			2.5	4.76	0.8	20°	0.10	CNGA120408S01020H								★		CNGA432S0320H
			.098	.187	.031	20°	.004											
			2.9	4.76	0.8	30°	0.10	CNGA120408S01030A						★	☆			CNGA432S0330A
			.114	.187	.031	30°	.004											
			12.1	4.76	0.8	25°	0.15	CNGA120408S01525					★					CNGA432S0625
			.476	.187	.031	25°	.006											
			2.5	4.76	0.8	25°	0.15	CNGA120408S01525H								☆	★	CNGA432S0525H
			.098	.187	.031	25°	.006											
			2.1	4.76	0.8	30°	0.15	CNGA120408S01530B									★	CNGA432S0630B
			.083	.187	.031	30°	.006											
			2.5	4.76	0.8	30°	0.20	CNGA120408S02030H									★	CNGA432S0830H
			.098	.187	.031	30°	.008											
			2.9	4.76	0.8	35°	0.20	CNGA120408S02035A						★	☆			CNGA432S0835A
			.114	.187	.031	35°	.008											
			2.1	4.76	0.8	35°	0.20	CNGA120408S02035B									★	CNGA432S0835B
			.083	.187	.031	35°	.008											
			12.1	4.76	0.8	20°	0.10	CNGA120408T01020		★		★						CNGA432T0320
			.476	.187	.031	20°	.004											
			2.1	4.76	0.8	20°	0.10	CNGA120408T01020B			★						★	CNGA432T0320B
			.083	.187	.031	20°	.004											
			2.1	4.76	0.8	30°	0.10	CNGA120408T01030A						★				CNGA432T0330A
			.083	.187	.031	30°	.004											
			12.1	4.76	0.8	25°	0.15	CNGA120408T01525					★					CNGA432T0625
			.476	.187	.031	25°	.006											
			12.1	4.76	0.8	20°	0.25	CNGA120408T02520	★									CNGA432T0820
			.476	.187	.031	20°	.010											
			2.8	4.76	1.2	18°	0.10	CNGA120412S01018A						★	☆			CNGA433S0318A
			.110	.187	.047	18°	.004											

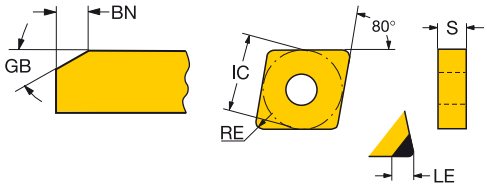
A214 A268 A334 A365 H37 H28 H6 H3

T-Max® P insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials





	IC		LE	S	RE	GB	BN	ISO CODE	K 6190	K 650	K 7525	S 650	H 6050	H 7015	H 7025	H 7105	H 7115	H 7525	ANSI CODE
	12	1/2	2.4	4.76	1.2	20°	0.10	CNGA120412S01020H								★			CNGA433S0320H
			.095	.187	.047	20°	.004												
			2.8	4.76	1.2	30°	0.10	CNGA120412S01030A						★	☆				CNGA433S0330A
			.110	.187	.047	30°	.004												
			11.7	4.76	1.2	25°	0.15	CNGA120412S01525					★						CNGA433S0625
			.460	.187	.047	25°	.006												
			2.4	4.76	1.2	25°	0.15	CNGA120412S01525H								☆	★		CNGA433S0525H
			.095	.187	.047	25°	.006												
			2.4	4.76	1.2	30°	0.15	CNGA120412S01530B										★	CNGA433S0630B
			.094	.187	.047	30°	.006												
			2.4	4.76	1.2	30°	0.20	CNGA120412S02030H									★		CNGA433S0830H
			.095	.187	.047	30°	.008												
			2.8	4.76	1.2	35°	0.20	CNGA120412S02035A						★	☆				CNGA433S0835A
			.110	.187	.047	35°	.008												
			2.4	4.76	1.2	35°	0.20	CNGA120412S02035B										★	CNGA433S0835B
			.094	.187	.047	35°	.008												
			11.7	4.76	1.2	20°	0.10	CNGA120412T01020		★		★							CNGA433T0320
			.460	.187	.047	20°	.004												
			2.4	4.76	1.2	20°	0.10	CNGA120412T01020B			★							★	CNGA433T0320B
			.094	.187	.047	20°	.004												
			2.4	4.76	1.2	30°	0.10	CNGA120412T01030A						★					CNGA433T0330A
			.094	.187	.047	30°	.004												
			11.7	4.76	1.2	20°	0.25	CNGA120412T02520	★										CNGA433T0820
			.460	.187	.047	20°	.010												
			2.7	4.76	1.6	30°	0.10	CNGA120416S01030A						★	☆				CNGA434S0330A
			.106	.187	.062	30°	.004												
			2.3	4.76	1.6	20°	0.10	CNGA120416S01525H								☆	★		CNGA434S0525H
			.092	.187	.063	20°	.004												
			2.7	4.76	1.6	35°	0.20	CNGA120416S02035A							★				CNGA434S0835A
			.106	.187	.062	35°	.008												
Finishing			11.3	4.76	1.6	20°	0.10	CNGA120416T01020		★		★							CNGA434T0320
			.445	.187	.062	20°	.004												
			11.3	4.76	1.6	20°	0.25	CNGA120416T02520	★										CNGA434T0820
			.445	.187	.062	20°	.010												
			12.1	7.94	0.8	20°	0.25	CNGQ120708T02520	★										CNGQ452T0820
			.476	.313	.031	20°	.010												
			11.7	7.94	1.2	20°	0.25	CNGQ120712T02520	★										CNGQ453T0820
			.460	.313	.047	20°	.010												
			11.3	7.94	1.6	20°	0.25	CNGQ120716T02520	★										CNGQ454T0820
			.445	.313	.062	20°	.010												
			11.7	7.94	1.2	20°	0.25	CNGX120712T02520	★										CNGX453T0820
			.460	.313	.047	20°	.010												
			11.3	7.94	1.6	20°	0.25	CNGX120716T02520	★										CNGX454T0820
			.445	.313	.062	20°	.010												
			2.1	4.76	0.8			CNGA120408EA						★					CNGA432AA
			.083	.187	.031														
			2.4	4.76	1.2			CNGA120412EA						★					CNGA433AA
			.094	.187	.047														
			1.8	4.76	0.4	20°	0.10	CNGA120404T01020BWG			★							★	CNGA431T0320BWG
			.071	.187	.016	20°	.004												
			2.9	4.76	0.8	30°	0.10	CNGA120408S01030AWG						★	☆				CNGA432S0330AWG
			.114	.187	.031	30°	.004												
			2.5	4.76	0.8	20°	0.15	CNGA120408S01520HWG								☆	★		CNGA432S0520HWG
			.098	.187	.031	20°	.006												
			2.1	4.76	0.8	20°	0.10	CNGA120408T01020BWG			★							★	CNGA432T0320BWG
			.083	.187	.031	20°	.004												
			12.1	4.76	0.8	20°	0.10	CNGA120408T01020WG	☆	★		★							CNGA432T0320WG
			.476	.187	.031	20°	.004												
			2.8	4.76	1.2	30°	0.10	CNGA120412S01030AWG						★	☆				CNGA433S0330AWG
			.110	.187	.047	30°	.004												

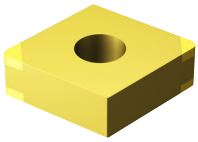
A214 A268 A334 A365 H37 H28 H6 H3

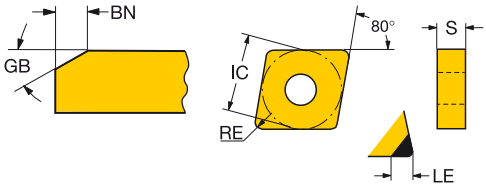
SANDVIK Coromant

T-Max® P insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials





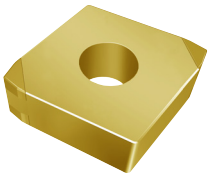
	IC		LE	S	RE	GB	BN	ISO CODE	K 6190	K 650	K 7525	S 650	H 6050	H 7015	H 7025	H 7105	H 7115	H 7525	ANSI CODE
Finishing	12	1/2	2.4	4.76	1.2	20°	0.15	CNGA120412S01520HWG								☆	★		CNGA433S0520HWG
			.095	.187	.047	20°	.006												
			11.7	4.76	1.2	20°	0.10	CNGA120412T01020WG	☆	★		★							CNGA433T0320WG
			.460	.187	.047	20°	.004												
			11.3	4.76	1.6	20°	0.10	CNGA120416T01020WG	★										CNGA434T0320WG
			.445	.187	.062	20°	.004												
			12.1	7.94	0.8	20°	0.25	CNGQ120708T02520WG	★										CNGQ452T0820WG
			.476	.313	.031	20°	.010												
			11.7	7.94	1.2	20°	0.25	CNGQ120712T02520WG	★										CNGQ453T0820WG
			.460	.313	.047	20°	.010												
			3.0	4.76	0.4	30°	0.10	CNGA120404S01030AWH							★				CNGA431S0330AWH
			.118	.187	.016	30°	.004												
			12.5	4.76	0.4	25°	0.15	CNGA120404S01525WH					★						CNGA431S0625WH
			.492	.187	.016	25°	.006												
			3.0	4.76	0.4	30°	0.10	CNGA120404T01030AWH						★					CNGA431T0330AWH
			.118	.187	.016	30°	.004												
			2.9	4.76	0.8	30°	0.10	CNGA120408S01030AWH						★	☆				CNGA432S0330AWH
			.114	.187	.031	30°	.004												
			2.4	4.76	1.2	20°	0.15	CNGA120408S01520HWH								☆	★		CNGA432S0520HWH
			.095	.187	.047	20°	.006												
			12.1	4.76	0.8	25°	0.15	CNGA120408S01525WH					★						CNGA432S0625WH
			.476	.187	.031	25°	.006												
			2.1	4.76	0.8	35°	0.20	CNGA120408S02035AWH						★	☆				CNGA432S0835AWH
			.083	.187	.031	35°	.008												
			2.9	4.76	0.8	30°	0.10	CNGA120408T01030AWH						★					CNGA432T0330AWH
			.114	.187	.031	30°	.004												
			12.1	4.76	0.8	25°	0.15	CNGA120408T01525WH					★						CNGA432T0625WH
			.476	.187	.031	25°	.006												
			2.8	4.76	1.2	30°	0.10	CNGA120412S01030AWH							★				CNGA433S0330AWH
			.110	.187	.047	30°	.004												
			2.4	4.76	1.2	20°	0.15	CNGA120412S01520HWH								☆	★		CNGA433S0520HWH
			.095	.187	.047	20°	.006												
			11.7	4.76	1.2	25°	0.15	CNGA120412S01525WH					★						CNGA433S0625WH
			.460	.187	.047	25°	.006												
			2.8	4.76	1.2	30°	0.10	CNGA120412T01030AWH						★					CNGA433T0330AWH
			.110	.187	.047	30°	.004												
	16	5/8	15.3	6.35	0.8	20°	0.10	CNGA160608T01020		★		★							CNGA542T0320
			.603	.250	.031	20°	.004												
			14.9	6.35	1.2	20°	0.10	CNGA160612T01020		★		★							CNGA543T0320
			.587	.250	.047	20°	.004												
			14.9	6.35	1.2	20°	0.25	CNGA160612T02520	★										CNGA543T0820
			.587	.250	.047	20°	.010												
			14.5	6.35	1.6	20°	0.25	CNGA160616T02520	★										CNGA544T0820
			.572	.250	.062	20°	.010												
	19	3/4	17.7	6.35	1.6	20°	0.25	CNGA190616T02520	★										CNGA644T0820
			.699	.250	.062	20°	.010												

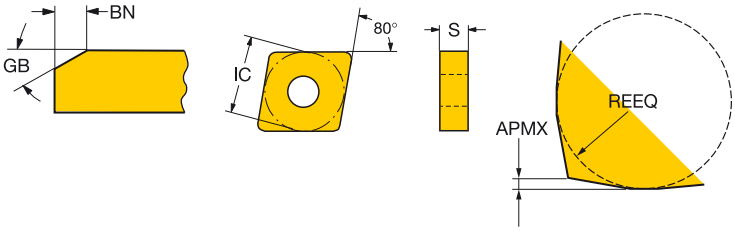
A214 A268 A334 A365 H37 H28 H6 H3

T-Max® P insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials - Xcel geometry

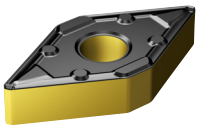


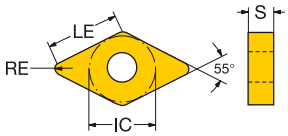


	IC	S	REEQ	APMX	BS	KCH	CHW	GB	BN	ISO CODE	H 7015	H 7025	H 7105	H 7115
Finishing	12	1/2	4.76	2.3	0.3	0.8	86°	1.7	15°	0.15	CNGX1204L025-18AXA	☆	★		
			.187	.091	.010	.031	86°	.067	15°	.006					
			4.76	2.3	0.3				15°	0.15	CNGX1204L025-18HXA			☆	★
			.187	.091	.010				15°	.006					

T-Max® P insert for turning

D-style insert (Rhombic 55°)

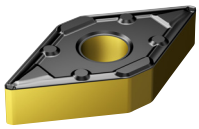


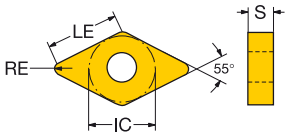


									P						M						K			N	S						
									1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	1105	1115	1125	H13A	S05F		

T-Max® P insert for turning

D-style insert (Rhombic 55°)





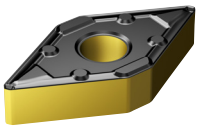
		IC	LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	N 1125	S 1105	S 1115	S 1125	S H13A	S S05F	ANSI CODE
Finishing	K	1/2	15.1	4.76	0.40	DNMG 15 04 04L-K				★																		DNMG 431L-K
			.595	.187	.016																							
			15.1	4.76	0.40	DNMG 15 04 04R-K			★	☆																		DNMG 431R-K
			.595	.187	.016																							
			14.7	4.76	0.79	DNMG 15 04 08L-K				★																		DNMG 432L-K
			.579	.187	.031																							
			14.7	4.76	0.79	DNMG 15 04 08R-K			★	☆							★											DNMG 432R-K
			.579	.187	.031																							
			15.1	6.35	0.40	DNMG 15 06 04R/L-K	☆		★	☆							★											DNMG 441L-K
			.595	.250	.016																							
			14.7	6.35	0.79	DNMG 15 06 08L-K			★	☆							★											DNMG 442L-K
			.579	.250	.031																							
			14.7	6.35	0.79	DNMG 15 06 08R-K	☆		★	☆																		DNMG 442R-K
			.579	.250	.031																							
	SGF	1/2	13.6	4.76	0.10	DNGG 15 04 01-SGF							★	☆									★	☆	☆	☆		DNGG 43(.30)-SGF
			.533	.187	.004																							
			13.5	4.76	0.20	DNGG 15 04 02-SGF							★	☆									★	☆	☆	☆		DNGG 43(.50)-SGF
			.530	.187	.008																							
			6.4	4.76	0.40	DNGG 15 04 04-SGF							★	☆									★	☆	☆	☆	☆	DNGG 431-SGF
			.252	.187	.016																							
			6.4	4.76	0.79	DNGG 15 04 08-SGF							★	☆									★	☆	☆	☆	☆	DNGG 432-SGF
			.252	.187	.031																							
			6.4	4.76	1.19	DNGG 15 04 12-SGF							★										★	☆		☆		DNGG 433-SGF
			.252	.187	.047																							
			6.4	6.35	0.40	DNGG 15 06 04-SGF							★	☆									★	☆	☆	☆	☆	DNGG 441-SGF
			.252	.250	.016																							
			6.4	6.35	0.79	DNGG 15 06 08-SGF							★	☆									★	☆	☆	☆	☆	DNGG 442-SGF
			.252	.250	.031																							
			6.4	6.35	1.19	DNGG 15 06 12-SGF							★										★	☆		☆	☆	DNGG 443-SGF
			.252	.250	.047																							
	SF	3/8	11.2	4.76	0.40	DNMG 11 04 04-SF							★	☆									★	☆	☆	☆		DNMG 331-SF
			.442	.187	.016																							
			10.8	4.76	0.79	DNMG 11 04 08-SF							★	☆									★	☆	☆	☆		DNMG 332-SF
			.426	.187	.031																							
		1/2	6.4	4.76	0.40	DNMG 15 04 04-SF							★	☆									★	☆	☆	☆	☆	DNMG 431-SF
			.252	.187	.016																							
			6.4	4.76	0.79	DNMG 15 04 08-SF							★	☆									★	☆	☆	☆	☆	DNMG 432-SF
			.252	.187	.031																							
			6.4	6.35	0.40	DNMG 15 06 04-SF							★	☆									★	☆	☆	☆	☆	DNMG 441-SF
			.252	.250	.016																							
			6.4	6.35	0.79	DNMG 15 06 08-SF							★	☆									★	☆	☆	☆	☆	DNMG 442-SF
			.252	.250	.031																							
			6.4	6.35	1.19	DNMG 15 06 12-SF																	★				☆	DNMG 443-SF
			.252	.250	.047																							
	XF	1/2	15.1	4.76	0.40	DNMG 15 04 04-XF			★	☆					★	☆												DNMG 431-XF
			.595	.187	.016																							
			14.7	4.76	0.79	DNMG 15 04 08-XF			★	☆					★	☆												DNMG 432-XF
			.579	.187	.031																							
			15.1	6.35	0.40	DNMG 15 06 04-XF			★	☆					★	☆												DNMG 441-XF
			.595	.250	.016																							
			14.7	6.35	0.79	DNMG 15 06 08-XF			★	☆					★	☆		☆										DNMG 442-XF
			.579	.250	.031																							

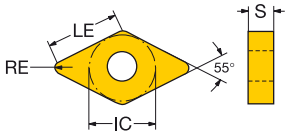
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SANDVIK Coromant

T-Max® P insert for turning

D-style insert (Rhombic 55°)



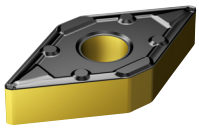


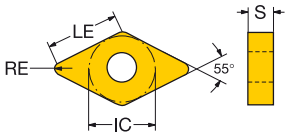
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Medium	WM	3/8	10.8	4.76	0.79	DNMX 11 04 08-WM		☆	☆	★					★													DNMX 332-WM
			.426	.187	.031																							
			10.4	4.76	1.19	DNMX 11 04 12-WM		☆	☆	★	☆																	DNMX 333-WM
			.411	.187	.047																							
		1/2	14.7	4.76	0.79	DNMX 15 04 08-WM			☆	★																		DNMX 432-WM
			.579	.187	.031																							
			14.3	4.76	1.19	DNMX 15 04 12-WM		☆	☆	★																		DNMX 433-WM
			.563	.187	.047																							
			13.9	4.76	1.59	DNMX 15 04 16-WM			☆	★																		DNMX 434-WM
			.547	.187	.062																							
			14.7	6.35	0.79	DNMX 15 06 08-WM		☆	☆	★	☆				★				★	☆								DNMX 442-WM
			.579	.250	.031																							
			14.3	6.35	1.19	DNMX 15 06 12-WM	☆	☆	☆	★					★				★	☆								DNMX 443-WM
			.563	.250	.047																							
			13.9	6.35	1.59	DNMX 15 06 16-WM			☆	★									★	☆								DNMX 444-WM
			.547	.250	.062																							
	WMX	1/2	14.7	4.76	0.79	DNMX 15 04 08-WMX		★												★									DNMX 432-WMX
			.579	.187	.031																							
			14.3	4.76	1.19	DNMX 15 04 12-WMX		★																					DNMX 433-WMX
			.563	.187	.047																							
			13.9	4.76	1.59	DNMX 15 04 16-WMX		★																					DNMX 434-WMX
			.547	.187	.062																							
			14.7	6.35	0.79	DNMX 15 06 08-WMX		☆	☆	★					★				★	☆								DNMX 442-WMX
			.579	.250	.031																							
			14.3	6.35	1.19	DNMX 15 06 12-WMX		☆	☆	★					★				★	☆								DNMX 443-WMX
			.563	.250	.047																							
			13.9	6.35	1.59	DNMX 15 06 16-WMX		☆	☆	★					★				★	☆								DNMX 444-WMX
			.547	.250	.062																							
	PM	3/8	11.2	4.76	0.40	DNMG 11 04 04-PM			☆	★	☆																	DNMG 331-PM
			.442	.187	.016																							
			10.8	4.76	0.79	DNMG 11 04 08-PM	☆	☆	☆	★	☆																	DNMG 332-PM
			.426	.187	.031																							
			10.4	4.76	1.19	DNMG 11 04 12-PM		☆	☆	★	☆																	DNMG 333-PM
			.411	.187	.047																							
		1/2	15.1	4.76	0.40	DNMG 15 04 04-PM			☆	★	☆																	DNMG 431-PM
			.595	.187	.016																							
			14.7	4.76	0.79	DNMG 15 04 08-PM		☆	☆	★	☆																	DNMG 432-PM
			.579	.187	.031																							
			14.3	4.76	1.19	DNMG 15 04 12-PM		☆	☆	★	☆																	DNMG 433-PM
			.563	.187	.047																							
			15.1	6.35	0.40	DNMG 15 06 04-PM			☆	★	☆																	DNMG 441-PM
			.595	.250	.016																							
			14.7	6.35	0.79	DNMG 15 06 08-PM	☆	☆	☆	★	☆																	DNMG 442-PM
			.579	.250	.031																							
			14.3	6.35	1.19	DNMG 15 06 12-PM		☆	☆	★	☆																	DNMG 443-PM
			.563	.250	.047																							
			13.9	6.35	1.59	DNMG 15 06 16-PM		☆	☆	★	☆																	DNMG 444-PM
			.547	.250	.062																							
	MM	3/8	10.8	4.76	0.79	DNMG 11 04 08-MM							☆	☆	☆	★	☆	☆				☆		★	☆			DNMG 332-MM
			.426	.187	.031																							
			10.4	4.76	1.19	DNMG 11 04 12-MM									☆	★		☆										DNMG 333-MM
			.411	.187	.047																							
		1/2	14.7	4.76	0.79	DNMG 15 04 08-MM							☆	☆	☆	★	☆	☆						★	☆			DNMG 432-MM
			.579	.187	.031																							
			14.3	4.76	1.19	DNMG 15 04 12-MM									☆	★		☆										DNMG 433-MM
			.563	.187	.047																							
			14.7	6.35	0.79	DNMG 15 06 08-MM							☆	☆	☆	★	☆	☆				☆		★	☆			DNMG 442-MM
			.579	.250	.031																							
			14.3	6.35	1.19	DNMG 15 06 12-MM									☆	★	☆	☆										DNMG 443-MM
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T-Max® P insert for turning

D-style insert (Rhombic 55°)





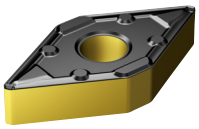
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			IC	LE	S	RE	ISO CODE																						ANSI CODE	
Medium	KM	11	3/8	10.8	4.76	0.79	DNMG 11 04 08-KM													★	☆								DNMG 332-KM	
				.426	.187	.031																								
				10.4	4.76	1.19	DNMG 11 04 12-KM														★								DNMG 333-KM	
				.411	.187	.047																								
		15	1/2	14.7	4.76	0.79	DNMG 15 04 08-KM														★								DNMG 432-KM	
				.579	.187	.031																								
				14.3	4.76	1.19	DNMG 15 04 12-KM														★								DNMG 433-KM	
				.563	.187	.047																								
				14.7	6.35	0.79	DNMG 15 06 08-KM													★	☆								DNMG 442-KM	
				.579	.250	.031																								
				14.3	6.35	1.19	DNMG 15 06 12-KM													★	☆								DNMG 443-KM	
				.563	.250	.047																								
	QM	11	3/8	11.2	4.76	0.40	DNMG 11 04 04-QM				★																		DNMG 331-QM	
				.442	.187	.016																								
				10.8	4.76	0.79	DNMG 11 04 08-QM				★			★											★				DNMG 332-QM	
				.426	.187	.031																								
				10.4	4.76	1.19	DNMG 11 04 12-QM			☆	★																		DNMG 333-QM	
				.411	.187	.047																								
		15	1/2	15.1	4.76	0.40	DNMG 15 04 04-QM					★		★								★		★	☆		☆		DNMG 431-QM	
				.595	.187	.016																								
				14.7	4.76	0.79	DNMG 15 04 08-QM		☆	☆	★	☆		☆			★		★			★		★	☆		☆	☆	DNMG 432-QM	
				.579	.187	.031																								
				14.3	4.76	1.19	DNMG 15 04 12-QM			☆	★			☆					★			★		★	☆		☆		DNMG 433-QM	
				.563	.187	.047																								
				15.1	6.35	0.40	DNMG 15 06 04-QM			☆	★	☆		☆			★		★			★		★	☆		☆		DNMG 441-QM	
				.595	.250	.016																								
				14.7	6.35	0.79	DNMG 15 06 08-QM		☆	☆	★	☆		☆			★		★			★		★	☆		☆	☆	DNMG 442-QM	
				.579	.250	.031																								
				14.3	6.35	1.19	DNMG 15 06 12-QM		☆	☆	★	☆		☆			★		★			★		★	☆		☆	☆	DNMG 443-QM	
				.563	.250	.047																								
				13.9	6.35	1.59	DNMG 15 06 16-QM		☆	☆	★	☆							★										DNMG 444-QM	
				.547	.250	.062																								
	SM	11	3/8	11.2	4.76	0.40	DNMG 11 04 04-SM							★	☆									☆	☆	★	☆	☆	DNMG 331-SM	
				.442	.187	.016																								
		15	1/2	6.4	4.76	0.40	DNMG 15 04 04-SM							★	☆									☆	☆	★	☆	☆	DNMG 431-SM	
				.252	.187	.016																								
				6.4	4.76	0.79	DNMG 15 04 08-SM							★	☆									☆	☆	★	☆	☆	DNMG 432-SM	
				.252	.187	.031																								
				6.4	4.76	1.19	DNMG 15 04 12-SM							★	☆									☆	☆	★	☆	☆	DNMG 433-SM	
				.252	.187	.047																								
				6.4	6.35	0.40	DNMG 15 06 04-SM							★	☆									☆	☆	★	☆	☆	DNMG 441-SM	
				.252	.250	.016																								
				6.4	6.35	0.79	DNMG 15 06 08-SM							★	☆									☆	☆	★	☆	☆	DNMG 442-SM	
				.252	.250	.031																								
				6.4	6.35	1.19	DNMG 15 06 12-SM							★	☆									☆	☆	★	☆	☆	DNMG 443-SM	
				.252	.250	.047																								
	SMR	15	1/2	6.4	4.76	0.79	DNMG 15 04 08-SMR							☆	☆		★							☆	☆	★	☆	☆	DNMG 432-SMR	
				.252	.187	.031																								
				6.4	4.76	1.19	DNMG 15 04 12-SMR							★	☆									☆	☆	★		☆	DNMG 433-SMR	
				.252	.187	.047																								
				6.4	6.35	0.79	DNMG 15 06 08-SMR							☆	☆		★							☆	☆	★	☆	☆	DNMG 442-SMR	
				.252	.250	.031																								
				6.4	6.35	1.19	DNMG 15 06 12-SMR							★	☆									☆	☆	★	☆	☆	DNMG 443-SMR	
				.252	.250	.047																								
				6.4	6.35	1.59	DNMG 15 06 16-SMR							★	☆									☆	☆	★	☆	☆	DNMG 444-SMR	
				.252	.250	.062																								

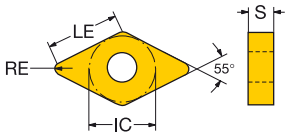
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SANDVIK Coromant

T-Max® P insert for turning

D-style insert (Rhombic 55°)



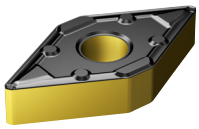


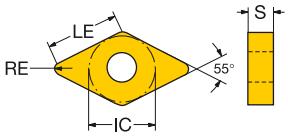
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Medium	XM	1/2	15.1	4.76	0.40	DNMG 15 04 04-XM			☆	★																		DNMG 431-XM
			.595	.187	.016																							
			14.7	4.76	0.79	DNMG 15 04 08-XM			☆	★						★		☆										DNMG 432-XM
			.579	.187	.031																							
			15.1	6.35	0.40	DNMG 15 06 04-XM			☆	★																		DNMG 441-XM
			.595	.250	.016																							
			14.7	6.35	0.79	DNMG 15 06 08-XM			☆	★						★		☆										DNMG 442-XM
			.579	.250	.031																							
			14.3	6.35	1.19	DNMG 15 06 12-XM			☆	★								★										DNMG 443-XM
			.563	.250	.047																							
	MR	1/2	14.7	6.35	0.79	DNMM 15 06 08-MR										★		☆										DNMM 442-MR
			.579	.250	.031																							
			14.3	6.35	1.19	DNMM 15 06 12-MR										★		☆										DNMM 443-MR
			.563	.250	.047																							
	XMR	1/2	14.3	6.35	1.19	DNMG 15 06 12-XMR			☆	★								★										DNMG 443-XMR
			.563	.250	.047																							
Roughing	PR	1/2	14.7	4.76	0.79	DNMG 15 04 08-PR		☆	☆	☆	★																	DNMG 432-PR
			.579	.187	.031																							
			14.3	4.76	1.19	DNMG 15 04 12-PR		☆	☆	☆	★																	DNMG 433-PR
			.563	.187	.047																							
			13.9	4.76	1.59	DNMG 15 04 16-PR		☆	☆	★																		DNMG 434-PR
			.547	.187	.062																							
			14.7	6.35	0.79	DNMG 15 06 08-PR		☆	☆	☆	★																	DNMG 442-PR
			.579	.250	.031																							
			14.3	6.35	1.19	DNMG 15 06 12-PR		☆	☆	☆	★																	DNMG 443-PR
			.563	.250	.047																							
			13.9	6.35	1.59	DNMG 15 06 16-PR		☆	☆	☆	★																	DNMG 444-PR
			.547	.250	.062																							
		5/8	18.6	6.35	0.79	DNMG 19 06 08-PR			☆	☆	★																	DNMG 542-PR
			.731	.250	.031																							
			18.2	6.35	1.19	DNMG 19 06 12-PR			☆	☆	★																	DNMG 543-PR
			.716	.250	.047																							
		1/2	14.7	6.35	0.79	DNMM 15 06 08-PR			☆	☆	★																	DNMM 442-PR
			.579	.250	.031																							
			14.3	6.35	1.19	DNMM 15 06 12-PR		☆	☆	☆	★																	DNMM 443-PR
			.563	.250	.047																							
			13.9	6.35	1.59	DNMM 15 06 16-PR		☆	☆	☆	★																	DNMM 444-PR
			.547	.250	.062																							
	KR	1/2	14.7	4.76	0.79	DNMA 15 04 08-KR														★								DNMA 432-KR
			.579	.187	.031																							
			14.3	4.76	1.19	DNMA 15 04 12-KR													☆	★								DNMA 433-KR
			.563	.187	.047																							
			14.7	6.35	0.79	DNMA 15 06 08-KR													☆	★								DNMA 442-KR
			.579	.250	.031																							
			14.3	6.35	1.19	DNMA 15 06 12-KR													☆	★								DNMA 443-KR
			.563	.250	.047																							
			13.9	6.35	1.59	DNMA 15 06 16-KR													☆	★								DNMA 444-KR
			.547	.250	.062																							
			14.7	4.76	0.79	DNMG 15 04 08-KR														★								DNMG 432-KR
			.579	.187	.031																							
			14.3	4.76	1.19	DNMG 15 04 12-KR														★								DNMG 433-KR
			.563	.187	.047																							
			14.7	6.35	0.79	DNMG 15 06 08-KR													☆	★								DNMG 442-KR
			.579	.250	.031																							
			14.3	6.35	1.19	DNMG 15 06 12-KR													☆	★								DNMG 443-KR
			.563	.250	.047																							
			13.9	6.35	1.59	DNMG 15 06 16-KR													☆	★								DNMG 444-KR
			.547	.250	.062																							

A214 A268 A334 A365 H37 H6

T-Max® P insert for turning

D-style insert (Rhombic 55°)





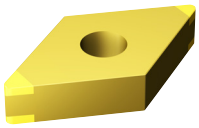
		IC	LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	N 1125	S 1105	S 1115	S 1125	S H13A	S S05F	ANSI CODE
Roughing	MR	15	1/2	14.7	4.76	0.79	DNMG 15 04 08-MR								☆	☆	★	☆										DNMG 432-MR
				.579	.187	.031																						
				14.3	4.76	1.19	DNMG 15 04 12-MR								☆	☆	★	☆										DNMG 433-MR
				.563	.187	.047																						
				13.9	4.76	1.59	DNMG 15 04 16-MR								☆		★	☆										DNMG 434-MR
				.547	.187	.062																						
				14.7	6.35	0.79	DNMG 15 06 08-MR								☆	☆	★	☆										DNMG 442-MR
				.579	.250	.031																						
				14.3	6.35	1.19	DNMG 15 06 12-MR								☆	☆	★	☆										DNMG 443-MR
				.563	.250	.047																						
				13.9	6.35	1.59	DNMG 15 06 16-MR										★	☆										DNMG 444-MR
				.547	.250	.062																						

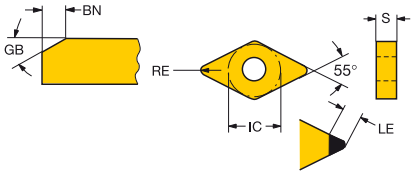
SANDVIK Coromant

T-Max® P insert for turning

D-style insert (Rhombic 55°)

Advanced cutting materials





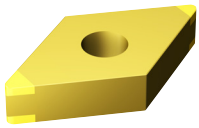
									K			S	H					
			LE	S	RE	GB	BN	ISO CODE	6190	650	7525	650	6050	7015	7025	7105	7115	7525	ANSI CODE
Finishing	11	3/8	1.8	4.76	0.4	20°	0.10	DNGA110404S01020A							★				DNGA331S0320A
			.071	.187	.016	20°	.004												
			3.2	4.76	0.4	30°	0.10	DNGA110404S01030A						★	☆				DNGA331S0330A
			.126	.187	.016	30°	.004												
			2.9	4.76	0.4	25°	0.15	DNGA110404S01525H								☆	★		DNGA331S0525H
			.113	.187	.016	25°	.006												
			1.8	4.76	0.4	20°	0.10	DNGA110404T01020B			★							★	DNGA331T0320B
			.071	.187	.016	20°	.004												
			2.1	4.76	0.8	20°	0.10	DNGA110408S01020A							★				DNGA332S0320A
			.083	.187	.031	20°	.004												
			2.8	4.76	0.8	30°	0.10	DNGA110408S01030A						★	☆				DNGA332S0330A
			.110	.187	.031	30°	.004												
			2.5	4.76	0.8	25°	0.15	DNGA110408S01525H								☆	★		DNGA332S0525H
			.098	.187	.031	25°	.006												
			1.8	4.76	0.8	35°	0.20	DNGA110408S02035A							★				DNGA332S0835A
			.071	.187	.031	35°	.008												
			2.1	4.76	0.8	20°	0.10	DNGA110408T01020B			★							★	DNGA332T0320B
			.083	.187	.031	20°	.004												
			2.5	4.76	1.2	30°	0.10	DNGA110412S01030A						★					DNGA333S0330A
			.098	.187	.047	30°	.004												
			2.1	4.76	1.2	25°	0.15	DNGA110412S01525H								☆	★		DNGA333S0525H
			.084	.187	.047	25°	.006												
	15	1/2	1.8	4.76	0.4	20°	0.10	DNGA150404S01020A							★				DNGA431S0320A
			.071	.187	.016	20°	.004												
			2.9	4.76	0.4	20°	0.10	DNGA150404S01020H								★			DNGA431S0320H
			.113	.187	.016	20°	.004												
			4.0	4.76	0.4	30°	0.10	DNGA150404S01030A						★	☆				DNGA431S0330A
			.157	.187	.016	30°	.004												
			15.1	4.76	0.4	25°	0.15	DNGA150404S01525					★						DNGA431S0625
			.595	.187	.016	25°	.006												
			2.9	4.76	0.4	25°	0.15	DNGA150404S01525H								☆	★		DNGA431S0525H
			.113	.187	.016	25°	.006												
			1.8	4.76	0.4	35°	0.20	DNGA150404S02035A							★				DNGA431S0835A
			.071	.187	.016	35°	.008												
			2.1	4.76	0.8	20°	0.10	DNGA150408S01020A							★				DNGA432S0320A
			.083	.187	.031	20°	.004												
			2.5	4.76	0.8	20°	0.10	DNGA150408S01020H								★			DNGA432S0320H
			.098	.187	.031	20°	.004												
			3.6	4.76	0.8	30°	0.10	DNGA150408S01030A						★	☆				DNGA432S0330A
			.142	.187	.031	30°	.004												
			14.7	4.76	0.8	25°	0.15	DNGA150408S01525					★						DNGA432S0625
			.579	.187	.031	25°	.006												
			2.5	4.76	0.8	25°	0.15	DNGA150408S01525H								☆	★		DNGA432S0525H
			.098	.187	.031	25°	.006												
			2.2	4.76	0.8	30°	0.15	DNGA150408S01530B										★	DNGA432S0630B
			.087	.187	.031	30°	.006												
			2.5	4.76	0.8	30°	0.20	DNGA150408S02030H									★		DNGA432S0830H
			.098	.187	.031	30°	.008												
			2.1	4.76	0.8	35°	0.20	DNGA150408S02035A						★	☆				DNGA432S0835A
			.083	.187	.031	35°	.008												
			14.7	4.76	0.8	20°	0.10	DNGA150408T01020		★		☆							DNGA432T0320
			.579	.187	.031	20°	.004												
			14.7	4.76	0.8	25°	0.15	DNGA150408T01525					★						DNGA432T0625
			.579	.187	.031	25°	.006												
			14.7	4.76	0.8	20°	0.25	DNGA150408T02520	★										DNGA432T0820
			.579	.187	.031	20°	.010												
			2.1	4.76	1.2	20°	0.10	DNGA150412S01020H								★			DNGA433S0320H
			.084	.187	.047	20°	.004												
			3.3	4.76	1.2	30°	0.10	DNGA150412S01030A						★	☆				DNGA433S0330A
			.130	.187	.047	30°	.004												

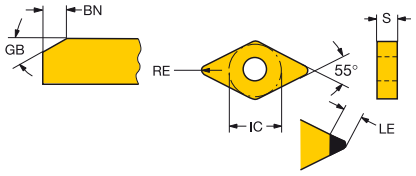
A214 A268 A334 A365 H37 H28 H6 H3

T-Max® P insert for turning

D-style insert (Rhombic 55°)

Advanced cutting materials





	IC	LE	S	RE	GB	BN	ISO CODE	K 6190	K 650	K 7525	S 650	H 6050	H 7015	H 7025	H 7105	H 7115	H 7525	ANSI CODE
Finishing	15	14.3	4.76	1.2	25°	0.15	DNGA150412S01525					★						DNGA433S0625
		.563	.187	.047	25°	.006												
		2.1	4.76	1.2	25°	0.15	DNGA150412S01525H								☆	★		DNGA433S0525H
		.084	.187	.047	25°	.006												
		3.3	4.76	1.2	30°	0.15	DNGA150412S01530B										★	DNGA433S0630B
		.130	.187	.047	30°	.006												
		2.1	4.76	1.2	30°	0.20	DNGA150412S02030H									★		DNGA433S0830H
		.084	.187	.047	30°	.008												
		2.4	4.76	1.2	35°	0.20	DNGA150412S02035A						★	☆				DNGA433S0835A
		.094	.187	.047	35°	.008												
		14.3	4.76	1.2	20°	0.10	DNGA150412T01020		★		☆							DNGA433T0320
		.563	.187	.047	20°	.004												
		14.3	4.76	1.2	20°	0.25	DNGA150412T02520	★										DNGA433T0820
		.563	.187	.047	20°	.010												
		2.9	4.76	1.6	30°	0.10	DNGA150416S01030A						★	☆				DNGA434S0320A
		.114	.187	.062	30°	.004												
		2.5	4.76	1.6	25°	0.15	DNGA150416S01525H								☆	★		DNGA434S0525H
		.098	.187	.063	25°	.006												
		13.9	4.76	1.6	20°	0.10	DNGA150416T01020		★		☆							DNGA434T0320
		.547	.187	.062	20°	.004												
		15.1	6.35	0.4	25°	0.15	DNGA150604S01525					★						DNGA441S0625
		.595	.250	.016	25°	.006												
		14.7	6.35	0.8	25°	0.15	DNGA150608S01525					★						DNGA442S0625
		.579	.250	.031	25°	.006												
		14.7	6.35	0.8	25°	0.15	DNGA150608T01525					★						DNGA442T0625
		.579	.250	.031	25°	.006												
		14.3	6.35	1.2	25°	0.15	DNGA150612S01525					★						DNGA443S0625
		.563	.250	.047	25°	.006												
		14.7	7.94	0.8	20°	0.25	DNGQ150708T02520	★										DNGQ452T0820
		.579	.313	.031	20°	.010												
		14.3	7.94	1.2	20°	0.25	DNGQ150712T02520	★										DNGQ453T0820
		.563	.313	.047	20°	.010												
		13.9	7.94	1.6	20°	0.25	DNGQ150716T02520	★										DNGQ454T0820
		.547	.313	.062	20°	.010												
		2.2	4.76	0.8			DNGA150408EA						★					DNGA432AA
		.087	.187	.031														
		2.5	4.76	1.2			DNGA150412EA						★					DNGA433AA
		.098	.187	.047														
		3.6	4.76	0.8	30°	0.10	DNGA150408S01030AWH						★	☆				DNGA432S0330AWH
		.142	.187	.031	30°	.004												
		2.5	4.76	0.8	20°	0.15	DNGA150408S01520HWH								☆	★		DNGA432S0520HWH
		.098	.187	.031	20°	.006												
		2.1	4.76	0.8	35°	0.20	DNGA150408S02035AWH							★				DNGA432S0835AWH
		.083	.187	.031	35°	.008												
		3.3	4.76	1.2	30°	0.10	DNGA150412S01030AWH						★	☆				DNGA433S0330AWH
		.130	.187	.047	30°	.004												
		2.1	4.76	1.2	20°	0.15	DNGA150412S01520HWH								☆	★		DNGA433S0520HWH
		.084	.187	.047	20°	.006												

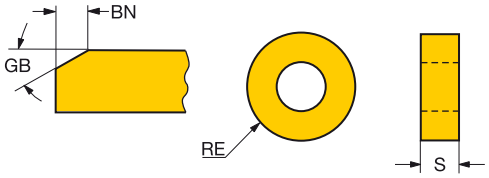
A214 A268 A334 A365 H37 H28 H6 H3

SANDVIK Coromant

T-Max® P insert for turning

R-style insert (Round)





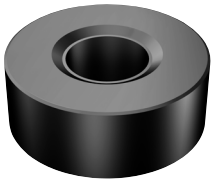
Metric version

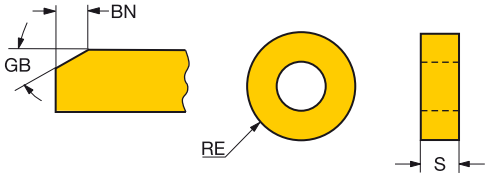
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Medium	00	10	3.18	5.00	15°	0.20	RCMX 10 03 00		☆	★	☆	★	★	★	
		12	4.76	6.00	15°	0.20	RCMX 12 04 00	☆	☆	★	☆	★	★	★	
		16	6.35	8.00	15°	0.25	RCMX 16 06 00	☆	☆	★	☆	★	★	★	
		20	6.35	10.00	15°	0.30	RCMX 20 06 00			★	☆	★	★	★	
	E	10	3.18	5.00			RCMX 10 03 00E								★
		12	4.76	6.00			RCMX 12 04 00E								★

Inch version

		IC	S	RE	ISO CODE	P 4305	P 4315	P 4325	P 4335	M 1115	M 1125	K 3210	K 3225	S 1105	S 1115	S 1125	S H13A	S S05F	ANSI CODE
Medium	SM	3/4	.250	.375	RNMG 19 06 00-SM					★	☆			☆	☆	★	☆	☆	RNMG 64-SM
	00	3/8	.125	.187	RNMG 09 03 00			★	☆			★	☆						RNMG 32
		1/2	.187	.250	RNMG 12 04 00	☆	☆	★	☆			★	☆						RNMG 43
		5/8	.250	.313	RNMG 15 06 00	☆	☆	★	☆										RNMG 54
		3/4	.250	.375	RNMG 19 06 00			★	☆			★	☆						RNMG 64

Advanced cutting materials



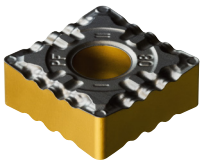


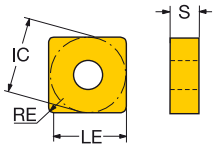
	IC	S	RE	GB	BN	ISO CODE	K 650	S 650	ANSI CODE
Finishing	12 1/2	4.76	6.35	20°	0.10	RNGA120400T01020	★	★	RNGA43T0320
		.187	.250	20°	.004				

A214 A268 A334 A365 H37 H28 H6 H3

T-Max® P insert for turning

S-style insert (Square)





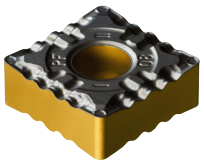
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Finishing	PF	12	11.9	4.76	0.79	SNMG 12 04 08-PF	☆	☆	★	☆		☆															SNMG 432-PF
		1/2	.469	.187	.031																						
			11.5	4.76	1.19	SNMG 12 04 12-PF	☆		★	☆		☆															SNMG 433-PF
			.453	.187	.047																						
	MF	12	12.3	4.76	0.40	SNMG 12 04 04-MF							☆	☆	★	☆		☆					★	☆			SNMG 431-MF
		1/2	.484	.187	.016																						
			11.9	4.76	0.79	SNMG 12 04 08-MF							☆	☆	★	☆		☆					★	☆			SNMG 432-MF
			.469	.187	.031																						
Medium	PM	09	9.1	3.18	0.40	SNMG 09 03 04-PM			☆	★	☆																SNMG 321-PM
		3/8	.359	.125	.016																						
			8.7	3.18	0.79	SNMG 09 03 08-PM			☆	★	☆																SNMG 322-PM
			.344	.125	.031																						
		12	12.3	4.76	0.40	SNMG 12 04 04-PM			☆	★	☆																SNMG 431-PM
		1/2	.484	.187	.016																						
			11.9	4.76	0.79	SNMG 12 04 08-PM		☆	☆	★	☆																SNMG 432-PM
			.469	.187	.031																						
			11.5	4.76	1.19	SNMG 12 04 12-PM		☆	☆	★	☆																SNMG 433-PM
			.453	.187	.047																						
			11.1	4.76	1.59	SNMG 12 04 16-PM			☆	★	☆																SNMG 434-PM
			.437	.187	.062																						
		15	14.7	6.35	1.19	SNMG 15 06 12-PM		☆	☆	★	☆																SNMG 543-PM
		5/8	.578	.250	.047																						
			14.3	6.35	1.59	SNMG 15 06 16-PM			☆	★																	SNMG 544-PM
			.562	.250	.062																						
	MM	12	11.9	4.76	0.79	SNMG 12 04 08-MM							☆	☆	☆	★	☆	☆									SNMG 432-MM
		1/2	.469	.187	.031																						
			11.5	4.76	1.19	SNMG 12 04 12-MM									☆	★	☆	☆									SNMG 433-MM
			.453	.187	.047																						
			11.1	4.76	1.59	SNMG 12 04 16-MM									☆	★	☆	☆									SNMG 434-MM
			.437	.187	.062																						
		15	14.7	6.35	1.19	SNMG 15 06 12-MM										★	☆	☆									SNMG 543-MM
		5/8	.578	.250	.047																						
			14.3	6.35	1.59	SNMG 15 06 16-MM										★		☆									SNMG 544-MM
			.562	.250	.062																						
		19	17.9	6.35	1.19	SNMG 19 06 12-MM										★	☆	☆									SNMG 643-MM
		3/4	.703	.250	.047																						
			17.5	6.35	1.59	SNMG 19 06 16-MM										★	☆	☆									SNMG 644-MM
			.687	.250	.062																						
	KM	09	8.7	3.18	0.79	SNMG 09 03 08-KM													★	☆							SNMG 322-KM
		3/8	.344	.125	.031																						
		12	11.9	4.76	0.79	SNMG 12 04 08-KM													★	☆							SNMG 432-KM
		1/2	.469	.187	.031																						
			11.5	4.76	1.19	SNMG 12 04 12-KM													★	☆							SNMG 433-KM
			.453	.187	.047																						
			11.1	4.76	1.59	SNMG 12 04 16-KM													★	☆							SNMG 434-KM
			.437	.187	.062																						
		15	14.7	6.35	1.19	SNMG 15 06 12-KM													★	☆							SNMG 543-KM
		5/8	.578	.250	.047																						
			14.3	6.35	1.59	SNMG 15 06 16-KM													★	☆							SNMG 544-KM
			.562	.250	.062																						
		19	17.9	6.35	1.19	SNMG 19 06 12-KM													★	☆							SNMG 643-KM
		3/4	.703	.250	.047																						
			17.5	6.35	1.59	SNMG 19 06 16-KM													★	☆							SNMG 644-KM
			.687	.250	.062																						

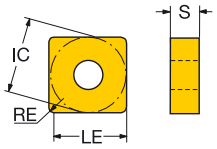
A214 A268 A334 A365 H6 H37

SANDVIK Coromant

T-Max® P insert for turning

S-style insert (Square)



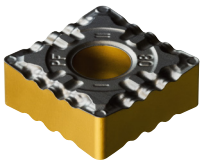


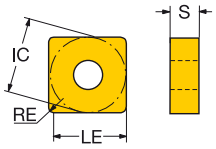
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								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1105	1115	1125	H13A	S05F	
			IC	LE	S	RE	ISO CODE																					ANSI CODE
Medium	QM	09	3/8	9.1	3.18	0.40	SNMG 09 03 04-QM				★																	SNMG 321-QM
				.359	.125	.016																						
				8.7	3.18	0.79	SNMG 09 03 08-QM			☆	★	☆										★				★		SNMG 322-QM
				.344	.125	.031																						
		12	1/2	12.3	4.76	0.40	SNMG 12 04 04-QM				★	☆																SNMG 431-QM
				.484	.187	.016																						
				11.9	4.76	0.79	SNMG 12 04 08-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆	☆	SNMG 432-QM
				.469	.187	.031																						
				11.5	4.76	1.19	SNMG 12 04 12-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆		SNMG 433-QM
				.453	.187	.047																						
				11.1	4.76	1.59	SNMG 12 04 16-QM			☆	★			☆					★			★	★	☆		☆		SNMG 434-QM
				.437	.187	.062																						
		15	5/8	15.1	6.35	0.79	SNMG 15 06 08-QM				★																	SNMG 542-QM
				.594	.250	.031																						
				14.7	6.35	1.19	SNMG 15 06 12-QM			☆	★			☆					★			★	★	☆		☆		SNMG 543-QM
				.578	.250	.047																						
				14.3	6.35	1.59	SNMG 15 06 16-QM				★			☆					★				★	☆				SNMG 544-QM
				.562	.250	.062																						
		19	3/4	18.3	6.35	0.79	SNMG 19 06 08-QM				★																	SNMG 642-QM
				.719	.250	.031																						
				17.9	6.35	1.19	SNMG 19 06 12-QM			☆	★			★								★	★	☆		☆		SNMG 643-QM
				.703	.250	.047																						
				17.5	6.35	1.59	SNMG 19 06 16-QM			☆	★			★								★	★	☆		☆		SNMG 644-QM
				.687	.250	.062																						
	SM	12	1/2	12.3	4.76	0.40	SNMG 12 04 04-SM							★	☆								☆	☆	★	☆	☆	SNMG 431-SM
				.484	.187	.016																						
				8.5	4.76	0.79	SNMG 12 04 08-SM							★	☆								☆	☆	★	☆	☆	SNMG 432-SM
				.335	.187	.031																						
				8.5	4.76	1.19	SNMG 12 04 12-SM							★	☆								☆	☆	★	☆	☆	SNMG 433-SM
				.335	.187	.047																						
				8.5	4.76	1.59	SNMG 12 04 16-SM							★	☆								☆	☆	★	☆	☆	SNMG 434-SM
				.335	.187	.062																						
		15	5/8	15.1	6.35	0.79	SNMG 15 06 08-SM							☆			★						★	☆				SNMG 542-SM
				.594	.250	.031																						
				10.6	6.35	1.19	SNMG 15 06 12-SM							☆			★						★	☆		☆	☆	SNMG 543-SM
				.417	.250	.047																						
				10.6	6.35	1.59	SNMG 15 06 16-SM							☆			★						★	☆		☆	☆	SNMG 544-SM
				.417	.250	.062																						
		19	3/4	17.9	6.35	1.19	SNMG 19 06 12-SM							★									★	☆		☆		SNMG 643-SM
				.703	.250	.047																						
				12.7	6.35	1.59	SNMG 19 06 16-SM							★									★	☆		☆	☆	SNMG 644-SM
				.500	.250	.062																						
	SMR	12	1/2	8.5	4.76	0.79	SNMG 12 04 08-SMR							★	☆								☆	☆	★	☆	☆	SNMG 432-SMR
				.335	.187	.031																						
				8.5	4.76	1.19	SNMG 12 04 12-SMR							★	☆								☆	☆	★	☆	☆	SNMG 433-SMR
				.335	.187	.047																						
				8.5	4.76	1.59	SNMG 12 04 16-SMR							★	☆								☆	☆	★	☆		SNMG 434-SMR
				.335	.187	.062																						
	XM	12	1/2	11.9	4.76	0.79	SNMG 12 04 08-XM				★						★		☆									SNMG 432-XM
				.469	.187	.031																						
				11.5	4.76	1.19	SNMG 12 04 12-XM				★						★		☆									SNMG 433-XM
				.453	.187	.047																						

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T-Max® P insert for turning

S-style insert (Square)





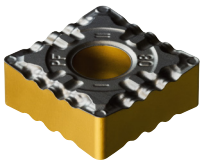
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Roughing	MR	12 1/2	11.9	4.76	0.79	SNMM 12 04 08-MR										☆	★	☆									SNMM 432-MR
			.469	.187	.031																						
			11.5	4.76	1.19	SNMM 12 04 12-MR					★					☆	★	☆									SNMM 433-MR
			.453	.187	.047																						
			11.1	4.76	1.59	SNMM 12 04 16-MR										★		☆									SNMM 434-MR
			.437	.187	.062																						
		15 5/8	14.7	6.35	1.19	SNMM 15 06 12-MR										★											SNMM 543-MR
			.578	.250	.047																						
			14.3	6.35	1.59	SNMM 15 06 16-MR										★											SNMM 544-MR
			.562	.250	.062																						
		19 3/4	17.9	6.35	1.19	SNMM 19 06 12-MR										★		☆									SNMM 643-MR
			.703	.250	.047																						
			17.5	6.35	1.59	SNMM 19 06 16-MR					★					☆	★	☆									SNMM 644-MR
			.687	.250	.062																						
			16.7	6.35	2.38	SNMM 19 06 24-MR					★					☆	★	☆									SNMM 646-MR
			.656	.250	.094																						
			15.9	6.35	3.18	SNMM 19 06 32-MR					★						★										SNMM 648-MR
			.624	.250	.125																						
	PR	12 1/2	11.9	4.76	0.79	SNMG 12 04 08-PR		☆	☆	☆	★																SNMG 432-PR
			.469	.187	.031																						
			11.5	4.76	1.19	SNMG 12 04 12-PR		☆	☆	☆	★																SNMG 433-PR
			.453	.187	.047																						
			11.1	4.76	1.59	SNMG 12 04 16-PR		☆	☆	☆	★																SNMG 434-PR
			.437	.187	.062																						
		15 5/8	15.1	6.35	0.79	SNMG 15 06 08-PR			☆	☆	★																SNMG 542-PR
			.594	.250	.031																						
			14.7	6.35	1.19	SNMG 15 06 12-PR			☆	☆	★																SNMG 543-PR
			.578	.250	.047																						
			14.3	6.35	1.59	SNMG 15 06 16-PR			☆	☆	★																SNMG 544-PR
			.562	.250	.062																						
			13.5	6.35	2.38	SNMG 15 06 24-PR			☆	★																	SNMG 546-PR
			.531	.250	.094																						
		19 3/4	18.3	6.35	0.79	SNMG 19 06 08-PR			☆	☆	★																SNMG 642-PR
			.719	.250	.031																						
			17.9	6.35	1.19	SNMG 19 06 12-PR			☆	☆	★																SNMG 643-PR
			.703	.250	.047																						
			17.5	6.35	1.59	SNMG 19 06 16-PR		☆	☆	☆	★																SNMG 644-PR
			.687	.250	.062																						
			16.7	6.35	2.38	SNMG 19 06 24-PR			☆	☆	★																SNMG 646-PR
			.656	.250	.094																						
		12 1/2	11.9	4.76	0.79	SNMM 12 04 08-PR			☆	☆	★																SNMM 432-PR
			.469	.187	.031																						
			11.5	4.76	1.19	SNMM 12 04 12-PR			☆	☆	★																SNMM 433-PR
			.453	.187	.047																						
		15 5/8	14.7	6.35	1.19	SNMM 15 06 12-PR			☆	☆	★																SNMM 543-PR
			.578	.250	.047																						
			14.3	6.35	1.59	SNMM 15 06 16-PR		☆	☆	☆	★																SNMM 544-PR
			.562	.250	.062																						
		19 3/4	17.9	6.35	1.19	SNMM 19 06 12-PR			☆	☆	★																SNMM 643-PR
			.703	.250	.047																						
			17.5	6.35	1.59	SNMM 19 06 16-PR		☆	☆	☆	★																SNMM 644-PR
			.687	.250	.062																						
			16.7	6.35	2.38	SNMM 19 06 24-PR		☆	☆	☆	★																SNMM 646-PR
			.656	.250	.094																						

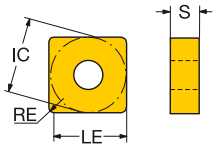
A214 A268 A334 A365 H6 H37

SANDVIK Coromant

T-Max® P insert for turning

S-style insert (Square)





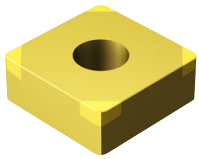
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Roughing	KR	3/8	8.7	3.18	0.79	SNMA 09 03 08-KR													☆	★							SNMA 322-KR
			.344	.125	.031																						
		1/2	11.9	4.76	0.79	SNMA 12 04 08-KR													☆	★							SNMA 432-KR
			.469	.187	.031																						
			11.5	4.76	1.19	SNMA 12 04 12-KR													☆	★							SNMA 433-KR
			.453	.187	.047																						
			11.1	4.76	1.59	SNMA 12 04 16-KR													☆	★							SNMA 434-KR
			.437	.187	.062																						
		5/8	14.7	6.35	1.19	SNMA 15 06 12-KR													☆	★							SNMA 543-KR
			.578	.250	.047																						
			14.3	6.35	1.59	SNMA 15 06 16-KR													☆	★							SNMA 544-KR
			.562	.250	.062																						
		3/4	18.3	6.35	0.79	SNMA 19 06 08-KR													☆	★							SNMA 642-KR
			.719	.250	.031																						
			17.9	6.35	1.19	SNMA 19 06 12-KR													☆	★							SNMA 643-KR
			.703	.250	.047																						
			17.5	6.35	1.59	SNMA 19 06 16-KR													☆	★							SNMA 644-KR
			.687	.250	.062																						
		1/2	11.9	4.76	0.79	SNMG 12 04 08-KR													☆	★							SNMG 432-KR
			.469	.187	.031																						
			11.5	4.76	1.19	SNMG 12 04 12-KR													☆	★							SNMG 433-KR
			.453	.187	.047																						
			11.1	4.76	1.59	SNMG 12 04 16-KR													☆	★							SNMG 434-KR
			.437	.187	.062																						
		5/8	14.7	6.35	1.19	SNMG 15 06 12-KR													☆	★							SNMG 543-KR
			.578	.250	.047																						
			14.3	6.35	1.59	SNMG 15 06 16-KR													☆	★							SNMG 544-KR
			.562	.250	.062																						
		3/4	17.5	6.35	1.59	SNMG 19 06 16-KR													☆	★							SNMG 644-KR
			.687	.250	.062																						
	MR	1/2	11.9	4.76	0.79	SNMG 12 04 08-MR									☆	☆	★	☆									SNMG 432-MR
			.469	.187	.031																						
			11.5	4.76	1.19	SNMG 12 04 12-MR									☆	☆	★	☆									SNMG 433-MR
			.453	.187	.047																						
		5/8	14.7	6.35	1.19	SNMG 15 06 12-MR										☆	★	☆									SNMG 543-MR
			.578	.250	.047																						
			14.3	6.35	1.59	SNMG 15 06 16-MR										☆	★	☆									SNMG 544-MR
			.562	.250	.062																						
		3/4	17.9	6.35	1.19	SNMG 19 06 12-MR									☆	☆	★	☆									SNMG 643-MR
			.703	.250	.047																						
			17.5	6.35	1.59	SNMG 19 06 16-MR									☆	☆	★	☆									SNMG 644-MR
			.687	.250	.062																						
			16.7	6.35	2.38	SNMG 19 06 24-MR											★										SNMG 646-MR
			.656	.250	.094																						
	SMR	5/8	10.6	6.35	1.59	SNMG 15 06 16-SMR							☆			★						☆	★		☆	☆	SNMG 544-SMR
			.417	.250	.062																						
		3/4	17.9	6.35	1.19	SNMG 19 06 12-SMR							★									☆	★		☆		SNMG 643-SMR
			.703	.250	.047																						
			12.7	6.35	1.59	SNMG 19 06 16-SMR							☆			★						☆	★		☆	☆	SNMG 644-SMR
			.500	.250	.062																						
	XMR	1/2	11.9	4.76	0.79	SNMG 12 04 08-XMR			☆	★						★		☆									SNMG 432-XMR
			.469	.187	.031																						
			11.5	4.76	1.19	SNMG 12 04 12-XMR			☆	★						★		☆									SNMG 433-XMR
			.453	.187	.047																						
			11.1	4.76	1.59	SNMG 12 04 16-XMR												★									SNMG 434-XMR
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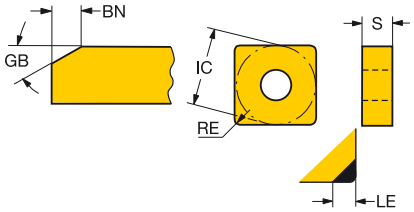
A214 A268 A334 A365 H6 H37

T-Max® P insert for turning

S-style insert (Square)

Advanced cutting materials





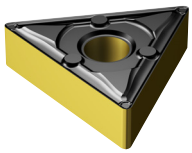
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Finishing	3/8	2.2	3.18	0.8	30°	0.10	SNGA090308S01030A							★				SNGA322S0330A
		.087	.125	.031	30°	.004												
	1/2	2.8	4.76	0.8	30°	0.10	SNGA120408S01030A						★	☆				SNGA432S0330A
		.110	.187	.031	30°	.004												
		11.9	4.76	0.8	25°	0.15	SNGA120408S01525					★						SNGA432S0625
		.469	.187	.031	25°	.006												
		2.5	4.76	0.8	25°	0.15	SNGA120408S01525F								☆	★		SNGA432S0525F
		.098	.187	.031	25°	.006												
		11.9	4.76	0.8	20°	0.10	SNGA120408T01020		★		☆							SNGA432T0320
		.469	.187	.031	20°	.004												
		2.8	4.76	0.8	20°	0.10	SNGA120408T01020B			★							★	SNGA432T0320B
		.110	.187	.031	20°	.004												
		11.9	4.76	0.8	25°	0.15	SNGA120408T01525					★						SNGA432T0625
		.469	.187	.031	25°	.006												
		11.9	4.76	0.8	20°	0.25	SNGA120408T02520	★										SNGA432T0820
		.469	.187	.031	20°	.010												
		2.8	4.76	1.2	30°	0.10	SNGA120412S01030A						★	☆				SNGA433S0330A
		.110	.187	.047	30°	.004												
		11.5	4.76	1.2	25°	0.15	SNGA120412S01525					★						SNGA433S0625
		.453	.187	.047	25°	.006												
		2.5	4.76	1.2	25°	0.15	SNGA120412S01525F								☆	★		SNGA433S0525F
		.098	.187	.047	25°	.006												
		2.8	4.76	1.2	35°	0.20	SNGA120412S02035A							★				SNGA433S0835A
		.110	.187	.047	35°	.008												
		2.8	4.76	1.2	35°	0.20	SNGA120412S02035B										★	SNGA433S0835B
		.110	.187	.047	35°	.008												
		11.5	4.76	1.2	20°	0.10	SNGA120412T01020		★		☆							SNGA433T0320
		.453	.187	.047	20°	.004												
		2.8	4.76	1.2	20°	0.10	SNGA120412T01020B			★							★	SNGA433T0320B
		.110	.187	.047	20°	.004												
		11.5	4.76	1.2	20°	0.25	SNGA120412T02520	★										SNGA433T0820
		.453	.187	.047	20°	.010												
		11.1	4.76	1.6	20°	0.10	SNGA120416T01020		★		☆							SNGA434T0320
		.437	.187	.062	20°	.004												
		11.1	4.76	1.6	20°	0.25	SNGA120416T02520	★										SNGA434T0820
		.437	.187	.062	20°	.010												
		11.9	7.94	0.8	20°	0.25	SNGQ120708T02520	★										SNGQ452T0820
		.469	.313	.031	20°	.010												
		11.5	7.94	1.2	20°	0.25	SNGQ120712T02520	★										SNGQ453T0820
		.453	.313	.047	20°	.010												
		11.1	7.94	1.6	20°	0.25	SNGQ120716T02520	★										SNGQ454T0820
		.437	.313	.062	20°	.010												
		11.5	7.94	1.2	20°	0.25	SNGX120712T02520	★										SNGX453T0820
		.453	.313	.047	20°	.010												
		11.1	7.94	1.6	20°	0.25	SNGX120716T02520	★										SNGX454T0820
		.437	.313	.062	20°	.010												

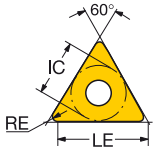
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SANDVIK Coromant

T-Max® P insert for turning

T-style insert (Triangular)



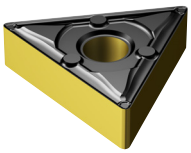


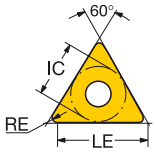
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Finishing	PF	16	16.1	4.76	0.40	TNMG 16 04 04-PF	☆		★	☆		☆															TNMG 331-PF
		3/8	.634	.187	.016																						
			15.7	4.76	0.79	TNMG 16 04 08-PF	☆	☆	★	☆		☆															TNMG 332-PF
			.618	.187	.031																						
			15.3	4.76	1.19	TNMG 16 04 12-PF	☆	☆	★	☆		☆															TNMG 333-PF
			.602	.187	.047																						
		22	21.2	4.76	0.79	TNMG 22 04 08-PF	☆		★	☆		☆															TNMG 432-PF
		1/2	.835	.187	.031																						
			20.8	4.76	1.19	TNMG 22 04 12-PF			★	☆																	TNMG 433-PF
			.819	.187	.047																						
	KF	16	16.1	4.76	0.40	TNMG 16 04 04-KF													★	☆							TNMG 331-KF
		3/8	.634	.187	.016																						
			15.7	4.76	0.79	TNMG 16 04 08-KF													★	☆							TNMG 332-KF
			.618	.187	.031																						
	MF	16	16.1	4.76	0.40	TNMG 16 04 04-MF							☆	☆	★	☆		☆					★	☆			TNMG 331-MF
		3/8	.634	.187	.016																						
			15.7	4.76	0.79	TNMG 16 04 08-MF							☆	☆	★	☆		☆					★	☆			TNMG 332-MF
			.618	.187	.031																						
			15.3	4.76	1.19	TNMG 16 04 12-MF							☆	☆	★	☆							★	☆			TNMG 333-MF
			.602	.187	.047																						
	K	16	16.1	4.76	0.40	TNMG 16 04 04R/L-K	☆		★	☆							★										TNMG 331L-K
		3/8	.634	.187	.016																						
			15.7	4.76	0.79	TNMG 16 04 08R/L-K	☆		★	☆							★										TNMG 332L-K
			.618	.187	.031																						
	WF	16	16.1	4.76	0.40	TNMX 16 04 04-WF	☆		★	☆		☆	☆	☆	★				★	☆							TNMX 331-WF
		3/8	.634	.187	.016																						
			15.7	4.76	0.79	TNMX 16 04 08-WF	☆	☆	★	☆		☆	☆	☆	★				★	☆							TNMX 332-WF
			.618	.187	.031																						
	SF	16	4.8	4.76	0.40	TNMG 16 04 04-SF							★	☆								★	☆	☆	☆	☆	TNMG 331-SF
		3/8	.189	.187	.016																						
			4.8	4.76	0.79	TNMG 16 04 08-SF							★	☆								★	☆	☆	☆	☆	TNMG 332-SF
			.189	.187	.031																						
			15.3	4.76	1.19	TNMG 16 04 12-SF							★	☆								★	☆	☆	☆		TNMG 333-SF
			.602	.187	.047																						
	XF	16	16.1	4.76	0.40	TNMG 16 04 04-XF			★	☆					★	☆		☆									TNMG 331-XF
		3/8	.634	.187	.016																						
			15.7	4.76	0.79	TNMG 16 04 08-XF			★	☆					★	☆		☆									TNMG 332-XF
			.618	.187	.031																						
Medium	WM	16	15.7	4.76	0.79	TNMX 16 04 08-WM		☆	☆	★									★	☆							TNMX 332-WM
		3/8	.618	.187	.031																						
			15.3	4.76	1.19	TNMX 16 04 12-WM	☆	☆	☆	★					★				★	☆							TNMX 333-WM
			.602	.187	.047																						
	WMX	16	15.7	4.76	0.79	TNMX 16 04 08-WMX		☆	☆	★					★				★	☆							TNMX 332-WMX
		3/8	.618	.187	.031																						
			15.3	4.76	1.19	TNMX 16 04 12-WMX		☆	☆	★									★	☆							TNMX 333-WMX
			.602	.187	.047																						
	PM	16	16.1	4.76	0.40	TNMG 16 04 04-PM			☆	★	☆																TNMG 331-PM
		3/8	.634	.187	.016																						
			15.7	4.76	0.79	TNMG 16 04 08-PM	☆	☆	☆	★	☆																TNMG 332-PM
			.618	.187	.031																						
			15.3	4.76	1.19	TNMG 16 04 12-PM	☆	☆	☆	★	☆																TNMG 333-PM
			.602	.187	.047																						
		22	21.6	4.76	0.40	TNMG 22 04 04-PM			☆	★	☆																TNMG 431-PM
		1/2	.850	.187	.016																						
			21.2	4.76	0.79	TNMG 22 04 08-PM			☆	★	☆																TNMG 432-PM
			.835	.187	.031																						
			20.8	4.76	1.19	TNMG 22 04 12-PM			☆	★	☆																TNMG 433-PM
			.819	.187	.047																						
			20.4	4.76	1.59	TNMG 22 04 16-PM			☆	★	☆																TNMG 434-PM
			.803	.187	.062																						

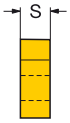
A214 A268 A334 A365 H37 H6

T-Max® P insert for turning

T-style insert (Triangular)







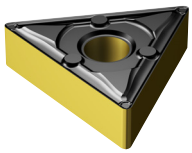
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Medium	MM	16	3/8	15.7	4.76	0.79	TNMG 16 04 08-MM							☆	☆	☆	★	☆	☆					★	☆			TNMG 332-MM
				.618	.187	.031																					
				15.3	4.76	1.19	TNMG 16 04 12-MM							☆	☆	☆	★	☆	☆									TNMG 333-MM
				.602	.187	.047																					
		22	1/2	21.2	4.76	0.79	TNMG 22 04 08-MM							☆	☆	☆	★	☆	☆									TNMG 432-MM
				.835	.187	.031																					
				20.8	4.76	1.19	TNMG 22 04 12-MM									☆	★	☆	☆									TNMG 433-MM
				.819	.187	.047																					
				20.4	4.76	1.59	TNMG 22 04 16-MM										★		☆									TNMG 434-MM
				.803	.187	.062																					
	KM	16	3/8	15.7	4.76	0.79	TNMG 16 04 08-KM													★	☆							TNMG 332-KM
				.618	.187	.031																					
				15.3	4.76	1.19	TNMG 16 04 12-KM													★	☆							TNMG 333-KM
				.602	.187	.047																					
		22	1/2	21.2	4.76	0.79	TNMG 22 04 08-KM													★	☆							TNMG 432-KM
				.835	.187	.031																					
				20.8	4.76	1.19	TNMG 22 04 12-KM													★	☆							TNMG 433-KM
				.819	.187	.047																					
				20.4	4.76	1.59	TNMG 22 04 16-KM													★	☆							TNMG 434-KM
				.803	.187	.062																					
	QM	16	3/8	16.1	4.76	0.40	TNMG 16 04 04-QM			☆	★	☆				★		★			★				★			TNMG 331-QM
				.634	.187	.016																					
				15.7	4.76	0.79	TNMG 16 04 08-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆			TNMG 332-QM
				.618	.187	.031																					
				15.3	4.76	1.19	TNMG 16 04 12-QM		☆	☆	★	☆		★			★						★	☆					TNMG 333-QM
				.602	.187	.047																					
		22	1/2	21.6	4.76	0.40	TNMG 22 04 04-QM				★	☆									★				★			TNMG 431-QM
				.850	.187	.016																					
				21.2	4.76	0.79	TNMG 22 04 08-QM		☆	☆	★	☆									★				★			TNMG 432-QM
				.835	.187	.031																					
				20.8	4.76	1.19	TNMG 22 04 12-QM		☆	☆	★	☆									★				★			TNMG 433-QM
				.819	.187	.047																					
				20.4	4.76	1.59	TNMG 22 04 16-QM		☆	☆	★	☆	★								★	★	☆		☆			TNMG 434-QM
				.803	.187	.062																					
	SM	16	3/8	4.8	4.76	0.79	TNMG 16 04 08-SM						★	☆								☆	☆	★	☆	☆		TNMG 332-SM
				.189	.187	.031																					
				4.8	4.76	1.19	TNMG 16 04 12-SM						★	☆								☆	☆	★	☆	☆		TNMG 333-SM
				.189	.187	.047																					
				16.1	4.76	0.40	TNMG 16 04 04-SM						★	☆								☆	☆	★	☆	☆		TNMG 331-SM
				.634	.187	.016																					
		22	1/2	6.4	4.76	0.79	TNMG 22 04 08-SM						★	☆								☆	☆	★	☆	☆		TNMG 432-SM
				.252	.187	.031																					
				6.4	4.76	1.19	TNMG 22 04 12-SM						★	☆								☆	☆	★	☆	☆		TNMG 433-SM
				.252	.187	.047																					
	XM	16	3/8	16.1	4.76	0.40	TNMG 16 04 04-XM			☆	★																	TNMG 331-XM
				.634	.187	.016																					
				15.7	4.76	0.79	TNMG 16 04 08-XM			☆	★					★		☆										TNMG 332-XM
				.618	.187	.031																					
				15.3	4.76	1.19	TNMG 16 04 12-XM			☆	★																	TNMG 333-XM
				.602	.187	.047																					

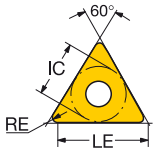
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SANDVIK Coromant

T-Max® P insert for turning

T-style insert (Triangular)



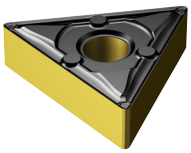


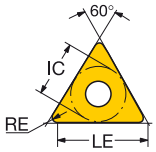
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Roughing	MR	3/8	15.7	4.76	0.79	TNMM 16 04 08-MR										★											TNMM 332-MR
			.618	.187	.031																						
		1/2	21.2	4.76	0.79	TNMM 22 04 08-MR					★					★											TNMM 432-MR
			.835	.187	.031																						
			20.8	4.76	1.19	TNMM 22 04 12-MR					★					★											TNMM 433-MR
			.819	.187	.047																						
			20.4	4.76	1.59	TNMM 22 04 16-MR										★		☆									TNMM 434-MR
			.803	.187	.062																						
	XMR	3/8	15.7	4.76	0.79	TNMG 16 04 08-XMR			☆	★						★		☆									TNMG 332-XMR
			.618	.187	.031																						
			15.3	4.76	1.19	TNMG 16 04 12-XMR			☆	★																	TNMG 333-XMR
			.602	.187	.047																						
	PR	3/8	15.7	4.76	0.79	TNMG 16 04 08-PR		☆	☆	☆	★																TNMG 332-PR
			.618	.187	.031																						
			15.3	4.76	1.19	TNMG 16 04 12-PR		☆	☆	☆	★																TNMG 333-PR
			.602	.187	.047																						
		1/2	21.2	4.76	0.79	TNMG 22 04 08-PR			☆	☆	★																TNMG 432-PR
			.835	.187	.031																						
			20.8	4.76	1.19	TNMG 22 04 12-PR			☆	☆	★																TNMG 433-PR
			.819	.187	.047																						
			20.4	4.76	1.59	TNMG 22 04 16-PR			☆	☆	★																TNMG 434-PR
			.803	.187	.062																						
		3/8	15.7	4.76	0.79	TNMM 16 04 08-PR			☆	☆	★																TNMM 332-PR
			.618	.187	.031																						
			15.3	4.76	1.19	TNMM 16 04 12-PR			☆	☆	★																TNMM 333-PR
			.602	.187	.047																						
		1/2	21.2	4.76	0.79	TNMM 22 04 08-PR			☆	☆	★																TNMM 432-PR
			.835	.187	.031																						
			20.8	4.76	1.19	TNMM 22 04 12-PR			☆	☆	★																TNMM 433-PR
			.819	.187	.047																						
			20.4	4.76	1.59	TNMM 22 04 16-PR		☆	☆	☆	★																TNMM 434-PR
			.803	.187	.062																						
	KR	3/8	16.1	4.76	0.40	TNMA 16 04 04-KR													☆	★							TNMA 331-KR
			.634	.187	.016																						
			15.7	4.76	0.79	TNMA 16 04 08-KR													☆	★							TNMA 332-KR
			.618	.187	.031																						
			15.3	4.76	1.19	TNMA 16 04 12-KR													☆	★							TNMA 333-KR
			.602	.187	.047																						
			14.9	4.76	1.59	TNMA 16 04 16-KR													☆	★							TNMA 334-KR
			.587	.187	.062																						
		1/2	21.6	4.76	0.40	TNMA 22 04 04-KR													☆	★							TNMA 431-KR
			.850	.187	.016																						
			21.2	4.76	0.79	TNMA 22 04 08-KR													☆	★							TNMA 432-KR
			.835	.187	.031																						
			20.8	4.76	1.19	TNMA 22 04 12-KR													☆	★							TNMA 433-KR
			.819	.187	.047																						
			20.4	4.76	1.59	TNMA 22 04 16-KR													☆	★							TNMA 434-KR
			.803	.187	.062																						
			18.8	4.76	3.18	TNMA 22 04 32-KR													☆	★							TNMA 438-KR
			.740	.187	.125																						
		3/8	15.7	4.76	0.79	TNMG 16 04 08-KR													☆	★							TNMG 332-KR
			.618	.187	.031																						
			15.3	4.76	1.19	TNMG 16 04 12-KR													☆	★							TNMG 333-KR
			.602	.187	.047																						
			14.9	4.76	1.59	TNMG 16 04 16-KR													☆	★							TNMG 334-KR
			.587	.187	.062																						
		1/2	21.2	4.76	0.79	TNMG 22 04 08-KR													☆	★							TNMG 432-KR
			.835	.187	.031																						
			20.8	4.76	1.19	TNMG 22 04 12-KR													☆	★							TNMG 433-KR
			.819	.187	.047																						

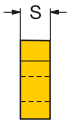
A214 A268 A334 A365 H37 H6

T-Max® P insert for turning

T-style insert (Triangular)







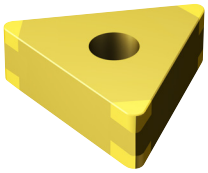
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			IC					1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1105	1115	1125	H13A	S05F	
Roughing	MR	16	3/8	15.7	4.76	0.79	TNMG 16 04 08-MR									☆	☆	★	☆									TNMG 332-MR
				.618	.187	.031																						
				15.3	4.76	1.19	TNMG 16 04 12-MR									☆	☆	★	☆									TNMG 333-MR
				.602	.187	.047																						
		22	1/2	21.2	4.76	0.79	TNMG 22 04 08-MR									☆	☆	★	☆									TNMG 432-MR
				.835	.187	.031																						
				20.8	4.76	1.19	TNMG 22 04 12-MR									☆	☆	★	☆									TNMG 433-MR
				.819	.187	.047																						
				20.4	4.76	1.59	TNMG 22 04 16-MR									☆	☆	★	☆									TNMG 434-MR
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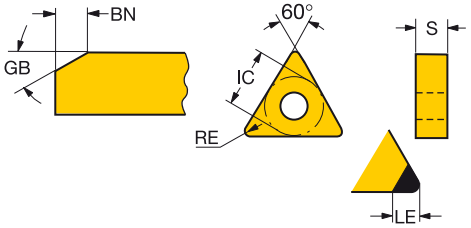
A214 A268 A334 A365 H37 H6

T-Max® P insert for turning

T-style insert (Triangular)

Advanced cutting materials



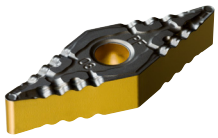


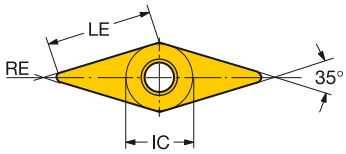
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Finishing	11 1/4	1.8	3.18	0.4	30°	0.10	TNGA110304S01030A						★	☆				TNGA221S0330A
		.071	.125	.016	30°	.004												
		1.8	3.18	0.4	20°	0.10	TNGA110304T01020B			★							★	TNGA221T0320B
		.071	.125	.016	20°	.004												
		1.5	3.18	0.8	30°	0.10	TNGA110308S01030A						★	☆				TNGA222S0330A
		.059	.125	.031	30°	.004												
		2.1	3.18	0.8	20°	0.10	TNGA110308T01020B			★							★	TNGA222T0320B
		.083	.125	.031	20°	.004												
	16 3/8	3.0	4.76	0.4	30°	0.10	TNGA160404S01030A						★	☆				TNGA331S0330A
		.118	.187	.016	30°	.004												
		16.1	4.76	0.4	25°	0.15	TNGA160404S01525					★						TNGA331S0625
		.634	.187	.016	25°	.006												
		2.8	4.76	0.4	25°	0.15	TNGA160404S01525H								☆	★		TNGA331S0525H
		.110	.187	.016	25°	.006												
		1.8	4.76	0.4	20°	0.10	TNGA160404T01020B			★							★	TNGA331T0320B
		.071	.187	.016	20°	.004												
		2.7	4.76	0.8	30°	0.10	TNGA160408S01030A						★	☆				TNGA332S0330A
		.106	.187	.031	30°	.004												
		15.7	4.76	0.8	25°	0.15	TNGA160408S01525					★						TNGA332S0625
		.618	.187	.031	25°	.006												
		2.5	4.76	0.8	25°	0.15	TNGA160408S01525H								☆	★		TNGA332S0525H
		.098	.187	.031	25°	.006												
		2.8	4.76	0.8	30°	0.15	TNGA160408S01530B										★	TNGA332S0630B
		.110	.187	.031	30°	.006												
		2.0	4.76	0.8	35°	0.20	TNGA160408S02035A							★				TNGA332S0835A
		.079	.187	.031	35°	.008												
		2.8	4.76	0.8	35°	0.20	TNGA160408S02035B										★	TNGA332S0835B
		.110	.187	.031	35°	.008												
		15.7	4.76	0.8	20°	0.10	TNGA160408T01020		★		☆							TNGA332T0320
		.618	.187	.031	20°	.004												
		2.8	4.76	0.8	20°	0.10	TNGA160408T01020B			★							★	TNGA332T0320B
		.110	.187	.031	20°	.004												
		15.7	4.76	0.8	25°	0.15	TNGA160408T01525					★						TNGA332T0625
		.618	.187	.031	25°	.006												
		15.7	4.76	0.8	20°	0.25	TNGA160408T02520	★										TNGA332T0820
		.618	.187	.031	20°	.010												
		2.4	4.76	1.2	30°	0.10	TNGA160412S01030A						★	☆				TNGA333S0330A
		.094	.187	.047	30°	.004												
		15.3	4.76	1.2	25°	0.15	TNGA160412S01525					★						TNGA333S0625
		.602	.187	.047	25°	.006												
		2.2	4.76	1.2	25°	0.15	TNGA160412S01525H								☆	★		TNGA333S0525H
		.087	.187	.047	25°	.006												
		2.4	4.76	1.2	35°	0.20	TNGA160412S02035A							★				TNGA333S0835A
		.094	.187	.047	35°	.008												
		15.3	4.76	1.2	20°	0.10	TNGA160412T01020		★		☆							TNGA333T0320
		.602	.187	.047	20°	.004												
		2.4	4.76	1.2	20°	0.10	TNGA160412T01020B			★							★	TNGA333T0320B
		.094	.187	.047	20°	.004												
		15.3	4.76	1.2	20°	0.25	TNGA160412T02520	★										TNGA333T0820
		.602	.187	.047	20°	.010												
		14.9	4.76	1.6	20°	0.10	TNGA160416T01020		★		☆							TNGA334T0320
		.587	.187	.062	20°	.004												
	22 1/2	21.2	4.76	0.8	20°	0.10	TNGA220408T01020		★		☆							TNGA432T0320
		.835	.187	.031	20°	.004												
		20.8	4.76	1.2	20°	0.10	TNGA220412T01020		★		☆							TNGA433T0320
		.819	.187	.047	20°	.004												
		20.4	4.76	1.6	20°	0.10	TNGA220416T01020		★		☆							TNGA434T0320
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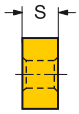
A214 A268 A334 A365 H37 H28 H6 H3

T-Max® P insert for turning

V-style insert (Rhombic 35°)





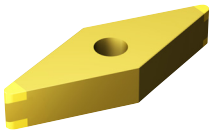


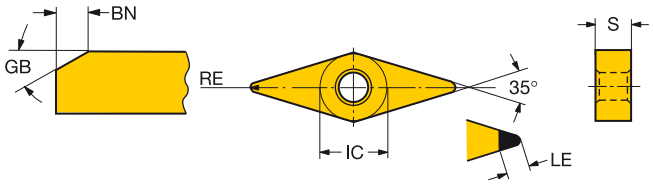
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				LE	S	RE	ISO CODE																						ANSI CODE
Finishing	PF	16	3/8	16.2	4.76	0.40	VNMG 16 04 04-PF		☆		★	☆		☆																VNMG 331-PF
				.638	.187	.016																								
				15.8	4.76	0.79	VNMG 16 04 08-PF		☆	☆	★	☆		☆																VNMG 332-PF
				.622	.187	.031																								
	MF	16	3/8	16.2	4.76	0.40	VNMG 16 04 04-MF								☆	☆	★	☆		☆				★	☆	☆		☆			VNMG 331-MF
				.638	.187	.016																								
				15.8	4.76	0.79	VNMG 16 04 08-MF								☆	☆	★	☆		☆				★	☆	☆		☆			VNMG 332-MF
				.622	.187	.031																								
	SGF	16	3/8	16.3	4.76	0.10	VNGG 16 04 01-SGF								★	☆								★	☆	☆	☆				VNGG 33(.30)-SGF
				.640	.187	.004																								
				16.1	4.76	0.20	VNGG 16 04 02-SGF								★	☆								★	☆	☆	☆				VNGG 33(.50)-SGF
				.632	.187	.008																								
				2.4	4.76	0.40	VNGG 16 04 04-SGF								★	☆								★	☆	☆	☆	☆			VNGG 331-SGF
				.094	.187	.016																								
				2.4	4.76	0.79	VNGG 16 04 08-SGF								★									★	☆		☆	☆			VNGG 332-SGF
				.094	.187	.031																								
				2.4	4.76	1.19	VNGG 16 04 12-SGF								★									★	☆			☆			VNGG 333-SGF
				.094	.187	.047																								
	SF	16	3/8	2.4	4.76	0.40	VNMG 16 04 04-SF								★	☆								★	☆	☆	☆	☆			VNMG 331-SF
				.094	.187	.016																								
				2.4	4.76	0.79	VNMG 16 04 08-SF								★	☆								★	☆	☆	☆	☆			VNMG 332-SF
				.094	.187	.031																								
				2.4	4.76	1.19	VNMG 16 04 12-SF								★									★	☆			☆			VNMG 333-SF
				.094	.187	.047																								
Medium	PM	16	3/8	15.8	4.76	0.79	VNMG 16 04 08-PM		☆	☆	☆	★	☆																		VNMG 332-PM
				.622	.187	.031																								
				15.4	4.76	1.19	VNMG 16 04 12-PM			☆	☆	★	☆																		VNMG 333-PM
				.607	.187	.047																								
	MM	16	3/8	15.8	4.76	0.79	VNMG 16 04 08-MM								☆	☆	☆	★	☆	☆											VNMG 332-MM
				.622	.187	.031																								
	KM	16	3/8	15.8	4.76	0.79	VNMG 16 04 08-KM														★	☆								VNMG 332-KM
				.622	.187	.031																								
				15.4	4.76	1.19	VNMG 16 04 12-KM														★	☆								VNMG 333-KM
				.607	.187	.047																								
	QM	16	3/8	16.2	4.76	0.40	VNMG 16 04 04-QM				☆	★			★								★			★	☆		☆		VNMG 331-QM
				.638	.187	.016																								
				15.8	4.76	0.79	VNMG 16 04 08-QM			☆	☆	★	☆		☆			★		★			★		★	☆		☆			VNMG 332-QM
				.622	.187	.031																								
				15.4	4.76	1.19	VNMG 16 04 12-QM					★																				VNMG 333-QM
				.607	.187	.047																								
	SM	16	3/8	2.4	4.76	0.40	VNMG 16 04 04-SM								★	☆								☆	☆	★	☆	☆			VNMG 331-SM
				.094	.187	.016																								
				2.4	4.76	0.79	VNMG 16 04 08-SM								★	☆								☆	☆	★	☆	☆			VNMG 332-SM
				.094	.187	.031																								
				2.4	4.76	1.19	VNMG 16 04 12-SM								★	☆								☆	☆	★	☆	☆			VNMG 333-SM
				.094	.187	.047																								

T-Max® P insert for turning

V-style insert (Rhombic 35°)

Advanced cutting materials



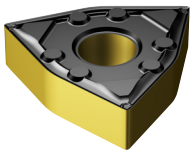


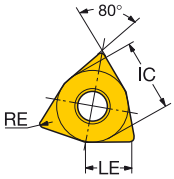
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Finishing	16	3/8	2.1	4.76	0.4	20°	0.10	VNGA160404S01020A			★			VNGA331S0320A
			.083	.187	.016	20°	.004							
			4.4	4.76	0.4	30°	0.10	VNGA160404S01030A		★	☆			VNGA331S0330A
			.173	.187	.016	30°	.004							
			16.2	4.76	0.4	25°	0.15	VNGA160404S01525	★					VNGA331S0625
			.638	.187	.016	25°	.006							
			2.5	4.76	0.4	25°	0.15	VNGA160404S01525H				☆	★	VNGA331S0525H
			.098	.187	.016	25°	.006							
			2.4	4.76	0.8	20°	0.10	VNGA160408S01020A			★			VNGA332S0320A
			.094	.187	.031	20°	.004							
			3.5	4.76	0.8	30°	0.10	VNGA160408S01030A		★	☆			VNGA332S0330A
			.138	.187	.031	30°	.004							
			15.8	4.76	0.8	25°	0.15	VNGA160408S01525	★					VNGA332S0625
			.622	.187	.031	25°	.006							
			2.5	4.76	0.8	25°	0.15	VNGA160408S01525H				☆	★	VNGA332S0525H
			.098	.187	.031	25°	.006							
			2.4	4.76	0.8	35°	0.20	VNGA160408S02035A		★	☆			VNGA332S0835A
			.094	.187	.031	35°	.008							
			15.8	4.76	0.8	25°	0.15	VNGA160408T01525	★					VNGA332T0625
			.622	.187	.031	25°	.006							
			15.4	4.76	1.2	25°	0.15	VNGA160412S01525	★					VNGA333S0625
			.607	.187	.047	25°	.006							

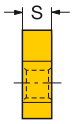
A214 A268 A334 A365 H37 H28 H6 H3

T-Max® P insert for turning

W-style insert (Trigon 80°)







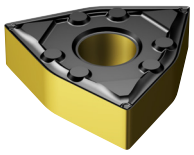
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Finishing	WF	06	3/8	6.1	4.76	0.40	WNMG 06 04 04-WF	☆		★			☆	☆	☆	★				★	☆							WNMG 331-WF
				.241	.187	.016																						
				5.7	4.76	0.79	WNMG 06 04 08-WF	☆	☆	★	☆		☆	☆	☆	★				★	☆							WNMG 332-WF
				.225	.187	.031																						
		08	1/2	8.3	4.76	0.40	WNMG 08 04 04-WF	☆		★	☆		☆		☆	★				★	☆							WNMG 431-WF
				.326	.187	.016																						
				7.9	4.76	0.79	WNMG 08 04 08-WF	☆	☆	★	☆		☆		☆	★				★	☆							WNMG 432-WF
				.311	.187	.031																						
				7.5	4.76	1.19	WNMG 08 04 12-WF		☆	★	☆									★	☆							WNMG 433-WF
				.295	.187	.047																						
	PF	06	3/8	6.1	4.76	0.40	WNMG 06 04 04-PF	☆		★			☆															WNMG 331-PF
				.241	.187	.016																						
				5.7	4.76	0.79	WNMG 06 04 08-PF	☆	☆	★	☆		☆															WNMG 332-PF
				.225	.187	.031																						
				5.3	4.76	1.19	WNMG 06 04 12-PF		☆	★																		WNMG 333-PF
				.209	.187	.047																						
		08	1/2	8.3	4.76	0.40	WNMG 08 04 04-PF	☆		★	☆		☆															WNMG 431-PF
				.326	.187	.016																						
				7.9	4.76	0.79	WNMG 08 04 08-PF	☆	☆	★	☆		☆															WNMG 432-PF
				.311	.187	.031																						
				7.5	4.76	1.19	WNMG 08 04 12-PF		☆	★	☆																	WNMG 433-PF
				.295	.187	.047																						
	KF	06	3/8	6.1	4.76	0.40	WNMG 06 04 04-KF													★	☆							WNMG 331-KF
				.241	.187	.016																						
				5.7	4.76	0.79	WNMG 06 04 08-KF													★	☆							WNMG 332-KF
				.225	.187	.031																						
		08	1/2	8.3	4.76	0.40	WNMG 08 04 04-KF													★	☆							WNMG 431-KF
				.326	.187	.016																						
				7.9	4.76	0.79	WNMG 08 04 08-KF													★	☆							WNMG 432-KF
				.311	.187	.031																						
				7.5	4.76	1.19	WNMG 08 04 12-KF													★	☆							WNMG 433-KF
				.295	.187	.047																						
	MF	06	3/8	6.1	4.76	0.40	WNMG 06 04 04-MF							☆	☆	★	☆		☆					★	☆			WNMG 331-MF
				.241	.187	.016																						
				5.7	4.76	0.79	WNMG 06 04 08-MF							☆	☆	★	☆		☆					★	☆			WNMG 332-MF
				.225	.187	.031																						
		08	1/2	8.3	4.76	0.40	WNMG 08 04 04-MF							☆	☆	★	☆		☆					★	☆			WNMG 431-MF
				.326	.187	.016																						
				7.9	4.76	0.79	WNMG 08 04 08-MF							☆	☆	★	☆		☆					★	☆	☆	☆	WNMG 432-MF
				.311	.187	.031																						
	SGF	08	1/2	7.5	4.76	0.10	WNGG 08 04 01-SGF							★	☆									★	☆	☆	☆		WNGG 43(.30)-SGF
				.295	.187	.004																						
				7.5	4.76	0.20	WNGG 08 04 02-SGF							★	☆									★	☆	☆	☆		WNGG 43(.50)-SGF
				.294	.187	.008																						
				3.2	4.76	0.40	WNGG 08 04 04-SGF							★	☆									★	☆	☆	☆	☆	WNGG 431-SGF
				.126	.187	.016																						
				3.2	4.76	0.79	WNGG 08 04 08-SGF							★	☆									★	☆	☆	☆	☆	WNGG 432-SGF
				.126	.187	.031																						
				7.1	4.76	1.19	WNGG 08 04 12-SGF							★	☆									★	☆	☆	☆	☆	WNGG 433-SGF
				.278	.187	.047																						
	SF	08	1/2	3.2	4.76	0.40	WNMG 08 04 04-SF							★	☆									★	☆	☆	☆	☆	WNMG 431-SF
				.126	.187	.016																						
				3.2	4.76	0.79	WNMG 08 04 08-SF							★	☆									★	☆	☆	☆		WNMG 432-SF
				.126	.187	.031																						
				3.2	4.76	1.19	WNMG 08 04 12-SF																	★			☆		WNMG 433-SF
				.126	.187	.047																						

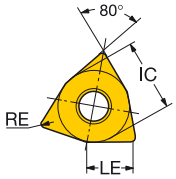
A214 A268 A334 A365 H37 H6

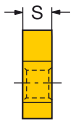
SANDVIK Coromant

T-Max® P insert for turning

W-style insert (Trigon 80°)





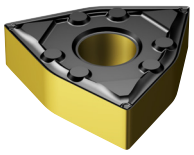


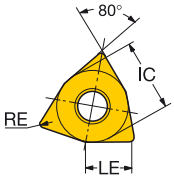
		↔	↕	LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	S 1105	S 1115	S 1125	S H13A	S S05F	ANSI CODE
Finishing	XF	06	3/8	6.1	4.76	0.40	WNMG 06 04 04-XF			★	☆																	WNMG 331-XF
				.241	.187	.016																						
				5.7	4.76	0.79	WNMG 06 04 08-XF			★	☆																	WNMG 332-XF
				.225	.187	.031																						
		08	1/2	8.3	4.76	0.40	WNMG 08 04 04-XF			★	☆																	WNMG 431-XF
				.326	.187	.016																						
				7.9	4.76	0.79	WNMG 08 04 08-XF			★	☆																	WNMG 432-XF
				.311	.187	.031																						
Medium	WM	06	3/8	5.7	4.76	0.79	WNMG 06 04 08-WM	☆		☆	★					★				★	☆							WNMG 332-WM
				.225	.187	.031																						
				5.3	4.76	1.19	WNMG 06 04 12-WM			☆	★									★	☆							WNMG 333-WM
				.209	.187	.047																						
		08	1/2	7.9	4.76	0.79	WNMG 08 04 08-WM	☆	☆	☆	★	☆				★				★	☆							WNMG 432-WM
				.311	.187	.031																						
				7.5	4.76	1.19	WNMG 08 04 12-WM		☆	☆	★	☆				★				★	☆							WNMG 433-WM
				.295	.187	.047																						
	WMX	06	3/8	1.6	4.76	0.79	WNMG 06 04 08-WMX		☆	☆	★					★				★	☆							WNMG 332-WMX
				.063	.187	.031																						
				1.6	4.76	1.19	WNMG 06 04 12-WMX		☆	☆	★					★				★	☆							WNMG 333-WMX
				.063	.187	.047																						
		08	1/2	2.2	4.76	0.79	WNMG 08 04 08-WMX		☆	☆	★	☆				★				★	☆							WNMG 432-WMX
				.087	.187	.031																						
				2.2	4.76	1.19	WNMG 08 04 12-WMX		☆	☆	★					★				★	☆							WNMG 433-WMX
				.087	.187	.047																						
	PM	06	3/8	5.7	4.76	0.79	WNMG 06 04 08-PM		☆	☆	★	☆																WNMG 332-PM
				.225	.187	.031																						
				5.3	4.76	1.19	WNMG 06 04 12-PM			☆	★	☆																WNMG 333-PM
				.209	.187	.047																						
		08	1/2	7.9	4.76	0.79	WNMG 08 04 08-PM	☆	☆	☆	★	☆																WNMG 432-PM
				.311	.187	.031																						
				7.5	4.76	1.19	WNMG 08 04 12-PM		☆	☆	★	☆																WNMG 433-PM
				.295	.187	.047																						
				7.1	4.76	1.59	WNMG 08 04 16-PM		☆	☆	★																	WNMG 434-PM
				.279	.187	.062																						
	MM	06	3/8	5.7	4.76	0.79	WNMG 06 04 08-MM							☆	☆	☆	★	☆	☆					★	☆			WNMG 332-MM
				.225	.187	.031																						
				5.3	4.76	1.19	WNMG 06 04 12-MM									☆	★		☆									WNMG 333-MM
				.209	.187	.047																						
		08	1/2	7.9	4.76	0.79	WNMG 08 04 08-MM							☆	☆	☆	★	☆	☆									WNMG 432-MM
				.311	.187	.031																						
				7.5	4.76	1.19	WNMG 08 04 12-MM							☆	☆	☆	★	☆	☆									WNMG 433-MM
				.295	.187	.047																						
	KM	06	3/8	5.7	4.76	0.79	WNMG 06 04 08-KM													★	☆							WNMG 332-KM
				.225	.187	.031																						
				5.3	4.76	1.19	WNMG 06 04 12-KM													★	☆							WNMG 333-KM
				.209	.187	.047																						
		08	1/2	7.9	4.76	0.79	WNMG 08 04 08-KM													★	☆							WNMG 432-KM
				.311	.187	.031																						
				7.5	4.76	1.19	WNMG 08 04 12-KM													★	☆							WNMG 433-KM
				.295	.187	.047																						
				7.1	4.76	1.59	WNMG 08 04 16-KM													★	☆							WNMG 434-KM
				.279	.187	.062																						

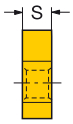
A214 A268 A334 A365 H37 H6

T-Max® P insert for turning

W-style insert (Trigon 80°)







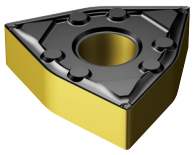
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Medium	QM	06 3/8	5.7	4.76	0.79	WNMG 06 04 08-QM		☆	☆	★	☆		★										★				WNMG 332-QM
			.225	.187	.031																						
			5.3	4.76	1.19	WNMG 06 04 12-QM			☆	★																	WNMG 333-QM
			.209	.187	.047																						
		08 1/2	8.3	4.76	0.40	WNMG 08 04 04-QM			☆	★			★								★	★	☆		☆		WNMG 431-QM
			.326	.187	.016																						
			7.9	4.76	0.79	WNMG 08 04 08-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆		WNMG 432-QM
			.311	.187	.031																						
			7.5	4.76	1.19	WNMG 08 04 12-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆		WNMG 433-QM
			.295	.187	.047																						
			7.1	4.76	1.59	WNMG 08 04 16-QM		☆	☆	★								★									WNMG 434-QM
			.279	.187	.062																						
	SM	06 3/8	6.1	4.76	0.40	WNMG 06 04 04-SM																★					WNMG 331-SM
			.241	.187	.016																						
			5.7	4.76	0.79	WNMG 06 04 08-SM																★					WNMG 332-SM
			.225	.187	.031																						
		08 1/2	3.2	4.76	0.40	WNMG 08 04 04-SM							★	☆								☆	☆	★	☆	☆	WNMG 431-SM
			.126	.187	.016																						
			3.2	4.76	0.79	WNMG 08 04 08-SM							★	☆								☆	☆	★	☆	☆	WNMG 432-SM
			.126	.187	.031																						
			3.2	4.76	1.19	WNMG 08 04 12-SM							★	☆								☆	☆	★	☆	☆	WNMG 433-SM
			.126	.187	.047																						
	SMR	08 1/2	3.2	4.76	0.79	WNMG 08 04 08-SMR							☆	☆		★						☆	☆	★	☆	☆	WNMG 432-SMR
			.126	.187	.031																						
			3.2	4.76	1.19	WNMG 08 04 12-SMR							☆	☆		★						☆	☆	★	☆	☆	WNMG 433-SMR
			.126	.187	.047																						
	XM	06 3/8	5.7	4.76	0.79	WNMG 06 04 08-XM			☆	★																	WNMG 332-XM
			.225	.187	.031																						
		08 1/2	7.9	4.76	0.79	WNMG 08 04 08-XM			☆	★						★		☆									WNMG 432-XM
			.311	.187	.031																						
			7.5	4.76	1.19	WNMG 08 04 12-XM			☆	★						★		☆									WNMG 433-XM
			.295	.187	.047																						
Roughing	XMR	08 1/2	7.5	4.76	1.19	WNMG 08 04 12-XMR			☆	★						★		☆									WNMG 433-XMR
			.295	.187	.047																						
	PR	06 3/8	5.7	4.76	0.79	WNMG 06 04 08-PR			☆	☆	★																WNMG 332-PR
			.225	.187	.031																						
			5.3	4.76	1.19	WNMG 06 04 12-PR		☆	☆	☆	★																WNMG 333-PR
			.209	.187	.047																						
		08 1/2	7.9	4.76	0.79	WNMG 08 04 08-PR		☆	☆	☆	★																WNMG 432-PR
			.311	.187	.031																						
			7.5	4.76	1.19	WNMG 08 04 12-PR		☆	☆	☆	★																WNMG 433-PR
			.295	.187	.047																						
			7.1	4.76	1.59	WNMG 08 04 16-PR		☆	☆	☆	★																WNMG 434-PR
			.279	.187	.062																						

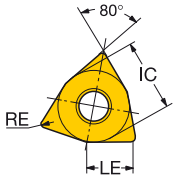
A214 A268 A334 A365 H37 H6

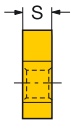
SANDVIK Coromant

T-Max® P insert for turning

W-style insert (Trigon 80°)







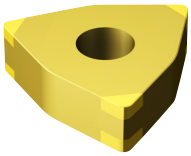
				LE	S	RE	ISO CODE	P						M						K			S						ANSI CODE
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1105	1115	1125	H13A	S05F	
Roughing	KR	06	3/8	5.7	4.76	0.79	WNMA 06 04 08-KR													☆	★							WNMA 332-KR
				.225	.187	.031																							
				5.3	4.76	1.19	WNMA 06 04 12-KR													☆	★							WNMA 333-KR
				.209	.187	.047																							
		08	1/2	7.9	4.76	0.79	WNMA 08 04 08-KR														★							WNMA 432-KR
				.311	.187	.031																							
				7.5	4.76	1.19	WNMA 08 04 12-KR														★							WNMA 433-KR
				.295	.187	.047																							
				7.1	4.76	1.59	WNMA 08 04 16-KR													☆	★							WNMA 434-KR
				.279	.187	.062																							
		06	3/8	5.7	4.76	0.79	WNMG 06 04 08-KR													☆	★							WNMG 332-KR
				.225	.187	.031																							
				5.3	4.76	1.19	WNMG 06 04 12-KR													☆	★							WNMG 333-KR
				.209	.187	.047																							
		08	1/2	7.9	4.76	0.79	WNMG 08 04 08-KR													☆	★							WNMG 432-KR
				.311	.187	.031																							
				7.5	4.76	1.19	WNMG 08 04 12-KR													☆	★							WNMG 433-KR
				.295	.187	.047																							
	MR	06	3/8	5.7	4.76	0.79	WNMG 06 04 08-MR									☆	☆	★	☆									WNMG 332-MR	
				.225	.187	.031																							
				5.3	4.76	1.19	WNMG 06 04 12-MR										☆	★	☆									WNMG 333-MR	
				.209	.187	.047																							
		08	1/2	7.9	4.76	0.79	WNMG 08 04 08-MR									☆	☆	★	☆									WNMG 432-MR	
				.311	.187	.031																							
				7.5	4.76	1.19	WNMG 08 04 12-MR									☆	☆	★	☆									WNMG 433-MR	
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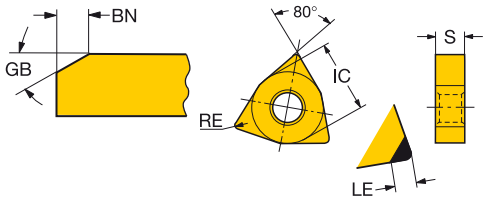
A214 A268 A334 A365 H37 H6

T-Max® P insert for turning

W-style insert (Trigon 80°)

Advanced cutting materials





			LE	S	RE	GB	BN	ISO CODE	K		H					ANSI CODE
									6190	7525	6050	7015	7025	7105	7115	7525	
	06	3/8	2.4	4.76	0.4	30°	0.10	WNGA060404S01030A				★	☆				WNGA331S0330A
			.094	.187	.016	30°	.004										
			2.6	4.76	0.4	25°	0.15	WNGA060404S01525H						☆	★		WNGA331S0525H
			.102	.187	.016	25°	.006										
			1.8	4.76	0.4	20°	0.10	WNGA060404T01020B		★						★	WNGA331T0320B
			.071	.187	.016	20°	.004										
			2.4	4.76	0.8	30°	0.10	WNGA060408S01030A				★	☆				WNGA332S0330A
			.094	.187	.031	30°	.004										
			2.5	4.76	0.8	25°	0.15	WNGA060408S01525H						☆	★		WNGA332S0525H
			.098	.187	.031	25°	.006										
			2.4	4.76	0.8	20°	0.10	WNGA060408T01020B		★						★	WNGA332T0320B
			.094	.187	.031	20°	.004										
			1.8	4.76	0.4	20°	0.10	WNGA060404T01020BWG		★						★	WNGA331T0320BWG
			.071	.187	.016	20°	.004										
			2.4	4.76	0.8	20°	0.10	WNGA060408T01020BWG		★						★	WNGA332T0320BWG
			.094	.187	.031	20°	.004										
			2.4	4.76	0.4	30°	0.10	WNGA060404S01030AWH					★				WNGA331S0330AWH
			.094	.187	.016	30°	.004										
			2.6	4.76	0.4	20°	0.15	WNGA060404S01520HWH						☆	★		WNGA331S0520HWH
			.102	.187	.016	20°	.006										
			2.4	4.76	0.4	30°	0.10	WNGA060404T01030AWH				★					WNGA331T0330AWH
			.094	.187	.016	30°	.004										
			2.4	4.76	0.8	30°	0.10	WNGA060408S01030AWH					★				WNGA332S0330AWH
			.094	.187	.031	30°	.004										
			2.5	4.76	0.8	20°	0.15	WNGA060408S01520HWH						☆	★		WNGA332S0520HWH
			.098	.187	.031	20°	.006										
			2.4	4.76	0.8	30°	0.10	WNGA060408T01030AWH				★					WNGA332T0330AWH
			.094	.187	.031	30°	.004										
Finishing	08	1/2	3.0	4.76	0.4	30°	0.10	WNGA080404S01030A				★	☆				WNGA431S0330A
			.118	.187	.016	30°	.004										
			8.3	4.76	0.4	25°	0.15	WNGA080404S01525			★						WNGA431S0625
			.326	.187	.016	25°	.006										
			2.6	4.76	0.4	25°	0.15	WNGA080404S01525H						☆	★		WNGA431S0525H
			.102	.187	.016	25°	.006										
			3.1	4.76	0.4	20°	0.10	WNGA080404T01020B		★						★	WNGA431T0320B
			.122	.187	.016	20°	.004										
			2.9	4.76	0.8	30°	0.10	WNGA080408S01030A				★	☆				WNGA432S0330A
			.114	.187	.031	30°	.004										
			7.9	4.76	0.8	25°	0.15	WNGA080408S01525			★						WNGA432S0625
			.311	.187	.031	25°	.006										
			2.5	4.76	0.8	25°	0.15	WNGA080408S01525H						☆	★		WNGA432S0525H
			.098	.187	.031	25°	.006										
			2.0	4.76	0.8	35°	0.20	WNGA080408S02035A				★	☆				WNGA432S0835A
			.079	.187	.031	35°	.008										
			3.0	4.76	0.8	20°	0.10	WNGA080408T01020B		★						★	WNGA432T0320B
			.118	.187	.031	20°	.004										
			7.9	4.76	0.8	25°	0.15	WNGA080408T01525			★						WNGA432T0625
			.311	.187	.031	25°	.006										
			7.9	4.76	0.8	20°	0.25	WNGA080408T02520	★								WNGA432T0820
			.311	.187	.031	20°	.010										
			2.8	4.76	1.2	30°	0.10	WNGA080412S01030A				★	☆				WNGA433S0330A
			.110	.187	.047	30°	.004										
			2.4	4.76	1.2	25°	0.15	WNGA080412S01525H						☆	★		WNGA433S0525H
			.095	.187	.047	25°	.006										
			2.9	4.76	1.2	20°	0.10	WNGA080412T01020B		★						★	WNGA433T0320B
			.114	.187	.047	20°	.004										
			7.5	4.76	1.2	20°	0.25	WNGA080412T02520	★								WNGA433T0820
			.295	.187	.047	20°	.010										
			7.1	4.76	1.6	20°	0.25	WNGA080416T02520	★								WNGA434T0820
			.279	.187	.062	20°	.010										

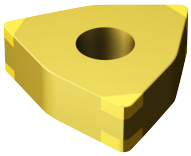
A214 A268 A334 A365 H37 H28 H6 H3

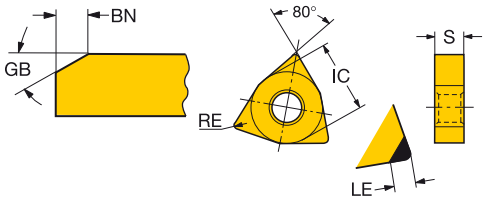
SANDVIK Coromant

T-Max® P insert for turning

W-style insert (Trigon 80°)

Advanced cutting materials





			LE	S	RE	GB	BN	ISO CODE	K		H					ANSI CODE
									6190	7525	6050	7015	7025	7105	7115	7525	
Finishing	08	1/2	3.1	4.76	0.4	20°	0.10	WNGA080404T01020BWG		★						★	WNGA431T0320BWG
			.122	.187	.016	20°	.004										
			3.0	4.76	0.8	20°	0.10	WNGA080408T01020BWG		★						★	WNGA432T0320BWG
			.118	.187	.031	20°	.004										
			7.9	4.76	0.8	20°	0.10	WNGA080408T01020WG	★								WNGA432T0320WG
			.311	.187	.031	20°	.004										
			7.5	4.76	1.2	20°	0.10	WNGA080412T01020WG	★								WNGA433T0320WG
			.295	.187	.047	20°	.004										
			3.0	4.76	0.4	30°	0.10	WNGA080404S01030AWH					★				WNGA431S0330AWH
			.118	.187	.016	30°	.004										
			2.6	4.76	0.4	20°	0.15	WNGA080404S01520HWH						☆	★		WNGA431S0520HWH
			.102	.187	.016	20°	.006										
			8.3	4.76	0.4	25°	0.15	WNGA080404S01525WH			★						WNGA431S0625WH
			.326	.187	.016	25°	.006										
			3.0	4.76	0.4	30°	0.10	WNGA080404T01030AWH				★					WNGA431T0330AWH
			.118	.187	.016	30°	.004										
			2.9	4.76	0.8	30°	0.10	WNGA080408S01030AWH					★				WNGA432S0330AWH
			.114	.187	.031	30°	.004										
			2.5	4.76	0.8	20°	0.15	WNGA080408S01520HWH						☆	★		WNGA432S0520HWH
			.098	.187	.031	20°	.006										
			7.9	4.76	0.8	25°	0.15	WNGA080408S01525WH			★						WNGA432S0625WH
			.311	.187	.031	25°	.006										
			2.9	4.76	0.8	30°	0.10	WNGA080408T01030AWH				★					WNGA432T0330AWH
			.114	.187	.031	30°	.004										
			7.9	4.76	0.8	25°	0.15	WNGA080408T01525WH			★						WNGA432T0625WH
			.311	.187	.031	25°	.006										
			2.8	4.76	1.2	30°	0.10	WNGA080412S01030AWH					★				WNGA433S0330AWH
			.110	.187	.047	30°	.004										
			2.4	4.76	1.2	20°	0.15	WNGA080412S01520HWH						☆	★		WNGA433S0520HWH
			.095	.187	.047	20°	.006										
			2.8	4.76	1.2	30°	0.10	WNGA080412T01030AWH				★					WNGA433T0330AWH
			.110	.187	.047	30°	.004										

A214 A268 A334 A365 H37 H28 H6 H3

T-Max® P tools for external machining

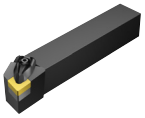
Coromant Capto®



Tools for insert shapes

C	D	R	S	T	V	W
A215-A220	A221-A229	A230-A232	A233-A240	A241	A242-A244	A245
Lever clamp Rigid clamp	Lever clamp Rigid clamp	Lever clamp Rigid clamp	Lever clamp Rigid clamp	Rigid clamp	Rigid clamp	Rigid clamp

Shank tool



Tools for insert shapes

C	D	R	S	T	V	W
A246-A250	A251-A255	A256-A257	A258-A262	A263-A264	A265-A266	A267
Lever clamp Rigid clamp	Lever clamp Rigid clamp	Lever clamp Rigid clamp	Lever clamp Rigid clamp	Lever clamp Rigid clamp	Lever clamp Rigid clamp	Rigid clamp

T-Max® P cutting unit for turning

Lever clamp design

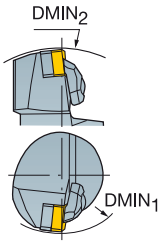
Coromant Capto® - Precision coolant supply



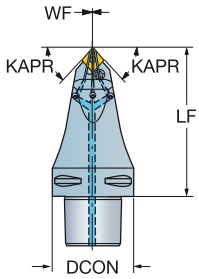


CNMM
CNMG
CNMA, CNGA

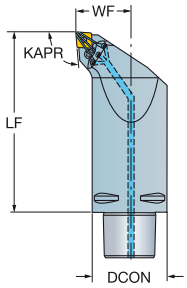
KAPR
PSIR



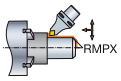
Cx-PCMNN..HP (M-T)
50.0°
40.0°

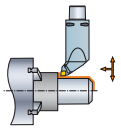


Cx-PCLNR/L..HP (M-T)
95.0°
-5.0°



Tools for multi-task machining

	IC	CZC$_{MS}$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	12	1/2	C4	45°	3	C4-PCMNN-00095-12HP	40	95.0	0.0	150	5.0	0.76	CNMG 12 04 08
			7.283				*1.575*	*3.740*	*.000*	*2175*			*CNMG 432*
			C5	45°	3	C5-PCMNN-00115-12HP	50	115.0	0.0	150	5.0	1.38	CNMG 12 04 08
			8.661				*1.969*	*4.528*	*.000*	*2175*			*CNMG 432*
			C6	45°	3	C6-PCMNN-00115-12HP	63	115.0	0.0	150	5.0	1.98	CNMG 12 04 08
			9.449				*2.480*	*4.528*	*.000*	*2175*			*CNMG 432*
			C8	45°	3	C8-PCMNN-00150-12HP	80	150.0	0.0	150	5.0	4.14	CNMG 12 04 08
			12.402				*3.150*	*5.906*	*.000*	*2175*			*CNMG 432*
	19	3/4	C10	0°	3	C10-PCMNN-00110-19HP	100	110.0	0.0	150	10.0	5.78	CNMG 19 06 12
			12.402				*3.937*	*4.331*	*.000*	*2175*			*CNMG 643*

	IC	CZC$_{MS}$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	12	1/2	C6	3	C6-PCLNR/L-45165-12HP	63	165.0	45.0	150	5.0	3.70	CNMG 12 04 08
			4.331			*2.480*	*6.496*	*1.772*	*2175*			*CNMG 432*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts				
IC	CZC$_{MS}$	Lever	Screw	Shim	Shim pin	Nozzle
12	1/2	C4-C8	174.3-841M	174.3-821	171.31-850M	174.3-861	5691 026-03
19	3/4	C10	174.3-842M	174.3-822M	171.35-851M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

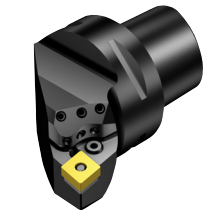
A174 F2 E3 G2 H37 H10 H5

T-Max® P cutting unit for turning

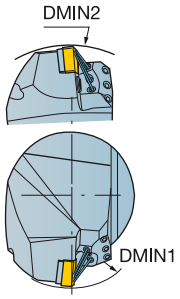
Lever clamp design

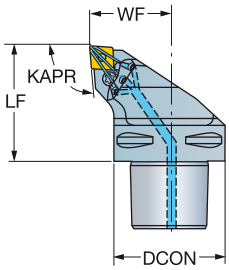
Coromant Capto® - Precision coolant supply

KAPR 95.0°
PSIR -5.0°









CNMM
CNMG
CNMA, CNGA

	IC	CZC_{MS}	$DMIN_1$	$DMIN_2$	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
			Dimensions, mm, inch										
12	1/2	C4	110.0	140.0	3	C4-PCLNR/L-27050-12HP	40	50.0	27.0	150	5.0	0.47	CNMG 12 04 08
			4.331	*5.512*			*1.575*	*1.969*	*1.063*	*2175*			*CNMG 432*
		C5	110.0	165.0	3	C5-PCLNR/L-35060-12HP	50	60.0	35.0	150	5.0	0.81	CNMG 12 04 08
			4.331	*6.496*			*1.969*	*2.362*	*1.378*	*2175*			*CNMG 432*
		C6	110.0	195.0	3	C6-PCLNR/L-45065-12HP	63	65.0	45.0	150	5.0	1.36	CNMG 12 04 08
			4.331	*7.677*			*2.480*	*2.559*	*1.772*	*2175*			*CNMG 432*
		C8	110.0	250.0	3	C8-PCLNR/L-55080-12HP	80	80.0	55.0	150	5.0	2.67	CNMG 12 04 08
			4.331	*9.843*			*3.150*	*3.150*	*2.165*	*2175*			*CNMG 432*
16	5/8	C5	125.0	165.0	3	C5-PCLNR/L-35060-16HP	50	60.0	35.0	150	5.0	0.85	CNMG 16 06 12
			4.921	*6.496*			*1.969*	*2.362*	*1.378*	*2175*			*CNMG 543*
		C6	110.0	195.0	3	C6-PCLNR/L-45065-16HP	63	65.0	45.0	150	5.0	1.36	CNMG 16 06 12
			4.331	*7.677*			*2.480*	*2.559*	*1.772*	*2175*			*CNMG 543*
		C8	125.0	250.0	3	C8-PCLNR/L-55080-16HP	80	80.0	55.0	150	5.0	2.72	CNMG 16 06 12
			4.921	*9.843*			*3.150*	*3.150*	*2.165*	*2175*			*CNMG 543*
19	3/4	C6	110.0	195.0	3	C6-PCLNR/L-45065-19HP	63	65.0	45.0	150	10.0	1.38	CNMG 19 06 12
			4.331	*7.677*			*2.480*	*2.559*	*1.772*	*2175*			*CNMG 643*
		C8	150.0	250.0	3	C8-PCLNR/L-55080-19HP	80	80.0	55.0	150	10.0	2.69	CNMG 19 06 12
			5.906	*9.843*			*3.150*	*3.150*	*2.165*	*2175*			*CNMG 643*
		C10	220.0	315.0	3	C10-PCLNR/L-68110-19HP	100	110.0	68.0	150	10.0	6.60	CNMG 19 06 12
			8.661	*12.402*			*3.937*	*4.331*	*2.677*	*2175*			*CNMG 643*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

			Spare parts				
	IC	CZC_{MS}	Lever	Screw	Shim	Shim pin	Nozzle
12	1/2	C4-C8	174.3-841M	174.3-821	171.31-850M	174.3-861	5691 026-03
16	5/8	C5-C8	438.3-840	438.3-831	171.31-852	174.3-864	5691 026-03
19	3/4	C6-C10	174.3-842M	174.3-822M	171.31-851M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

T-Max® P cutting unit for turning

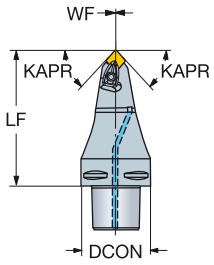
Rigid clamp design

Coromant Capto® - Internal coolant supply

KAPR	50.0°
PSIR	40.0°

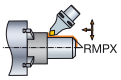






CNMM
CNMG
CNMA, CNGA

Tools for Multi-Task machining

	IC		CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	12	1/2	C5	45°	3	C5-DCMNN-00105-12	50	105.0	0.0	10	3.9	1.14	CNMG 12 04 08
							1.969	*4.134*	*.000*	*145*			*CNMG 432*
			C6	45°	3	C6-DCMNN-00090-12	63	90.0	0.0	10	3.9	1.39	CNMG 12 04 08
							2.480	*3.543*	*.000*	*145*			*CNMG 432*
			C6	45°	3	C6-DCMNN-00115-12	63	115.0	0.0	10	3.9	1.84	CNMG 12 04 08
							2.480	*4.528*	*.000*	*145*			*CNMG 432*
	16	5/8	C6	45°	3	C6-DCMNN-00090-16	63	90.0	0.0	10	6.4	1.32	CNMG 16 06 12
							2.480	*3.543*	*.000*	*145*			*CNMG 543*
			C8	45°	3	C8-DCMNN-00150-16	80	150.0	0.0	10	6.4	4.00	CNMG 16 06 12
							3.150	*5.906*	*.000*	*145*			*CNMG 543*

N = Neutral

			Spare parts			
IC		CZC_{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C5	5513 020-02	5322 234-01	5412 028-021	5691 034-02
12	1/2	C6	5513 020-02	5322 234-01	5412 028-021	5691 034-03
16	5/8	C6-C8	5513 020-07	5322 234-03	5412 028-031	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

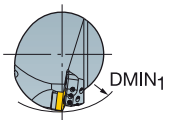
T-Max® P cutting unit for turning

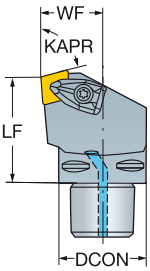
Rigid clamp design

Coromant Capto® - Internal coolant supply

KAPR 75.0°
PSIR 15.0°









CNMM
CNMG
CNMA, CNGA

	IC	CZC_{MS}	$DMIN_1$	CNSC	Ordering code	DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
Dimensions, mm, inch													
12	1/2	C4	110.0	3	C4-DCKNR/L-27050-12	40	53.1	50.0	27.0	10	3.9	0.49	CNMG 12 04 08
			4.331			*1.575*	*2.090*	*1.969*	*1.063*	*145*			*CNMG 432*
		C5	110.0	3	C5-DCKNR/L-35060-12	50	63.1	60.0	35.0	10	3.9	0.89	CNMG 12 04 08
			4.331			*1.969*	*2.484*	*2.362*	*1.378*	*145*			*CNMG 432*
		C6	110.0	3	C6-DCKNR/L-45065-12	63	68.1	65.0	45.0	10	3.9	1.48	CNMG 12 04 08
			4.331			*2.480*	*2.681*	*2.559*	*1.772*	*145*			*CNMG 432*
16	5/8	C5	125.0	3	C5-DCKNR/L-35060-16	50	63.8	60.0	35.0	10	6.4	0.86	CNMG 16 06 12
			4.921			*1.969*	*2.512*	*2.362*	*1.378*	*145*			*CNMG 543*
		C6	125.0	3	C6-DCKNR/L-45065-16	63	68.8	65.0	45.0	10	6.4	1.50	CNMG 16 06 12
			4.921			*2.480*	*2.709*	*2.559*	*1.772*	*145*			*CNMG 543*
19	3/4	C6	81.0	3	C6-DCKNR/L-45065-19	63	74.6	65.0	45.0	10	6.4	1.50	CNMG 19 06 12
			3.189			*2.480*	*2.938*	*2.559*	*1.772*	*145*			*CNMG 643*
		C8	100.0	3	C8-DCKNR/L-55080-19	80	89.6	80.0	55.0	10	6.4	2.82	CNMG 19 06 12
			3.937			*3.150*	*3.529*	*3.150*	*2.165*	*145*			*CNMG 643*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

			Spare parts			
	IC	CZC_{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C4	5513 020-02	5322 234-01	5412 028-021	5691 034-01
12	1/2	C5-C6	5513 020-02	5322 234-01	5412 028-021	5691 034-02
16	5/8	C5-C6	5513 020-07	5322 234-03	5412 028-031	5691 034-02
19	3/4	C6	5513 020-07	5322 236-01	5412 028-041	5691 034-02
19	3/4	C8	5513 020-07	5322 236-01	5412 028-041	5691 034-03

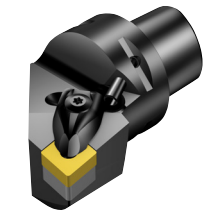
For the complete list of spare parts, visit www.sandvik.coromant.com

T-Max® P cutting unit for turning

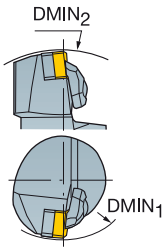
Rigid clamp design

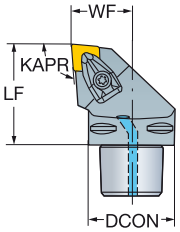
Coromant Capto® - Internal coolant supply

KAPR 95.0°
PSIR -5.0°









CNMM
CNMG
CNMA, CNGA

	IC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
09	3/8	C4	60.0	140.0	3	C4-DCLNR/L-27050-09	40	50.0	27.0	10	1.7	0.41	CNMG 09 03 08
			2.362	*5.512*			*1.575*	*1.969*	*1.063*	*145*			*CNMG 322*
12	1/2	C4	110.0	140.0	3	C4-DCLNR/L-27050-12	40	50.0	27.0	10	3.9	0.44	CNMG 12 04 08
			4.331	*5.512*			*1.575*	*1.969*	*1.063*	*145*			*CNMG 432*
		C5	110.0	165.0	3	C5-DCLNR/L-35060-12	50	60.0	35.0	10	3.9	0.79	CNMG 12 04 08
			4.331	*6.496*			*1.969*	*2.362*	*1.378*	*145*			*CNMG 432*
		C6	110.0	190.0	3	C6-DCLNR/L-45065-12	63	65.0	45.0	10	3.9	1.33	CNMG 12 04 08
			4.331	*7.480*			*2.480*	*2.559*	*1.772*	*145*			*CNMG 432*
		C8	110.0	250.0	3	C8-DCLNR/L-55080-12	80	80.0	55.0	10	3.9	2.56	CNMG 12 04 08
			4.331	*9.843*			*3.150*	*3.150*	*2.165*	*145*			*CNMG 432*
16	5/8	C4	125.0	145.0	3	C4-DCLNR/L-27055-16	40	55.0	27.0	10	6.4	0.48	CNMG 16 06 12
			4.921	*5.709*			*1.575*	*2.165*	*1.063*	*145*			*CNMG 543*
		C5	125.0	165.0	3	C5-DCLNR/L-35060-16	50	60.0	35.0	10	6.4	0.79	CNMG 16 06 12
			4.921	*6.496*			*1.969*	*2.362*	*1.378*	*145*			*CNMG 543*
		C6	125.0	190.0	3	C6-DCLNR/L-45065-16	63	65.0	45.0	10	6.4	1.43	CNMG 16 06 12
			4.921	*7.480*			*2.480*	*2.559*	*1.772*	*145*			*CNMG 543*
		C8	125.0	250.0	3	C8-DCLNR/L-55080-16	80	80.0	55.0	10	6.4	2.59	CNMG 16 06 12
			4.921	*9.843*			*3.150*	*3.150*	*2.165*	*145*			*CNMG 543*
19	3/4	C5	80.0	165.0	3	C5-DCLNR/L-35060-19	50	60.0	35.0	10	6.4	0.87	CNMG 19 06 12
			3.150	*6.496*			*1.969*	*2.362*	*1.378*	*145*			*CNMG 643*
		C6	81.0	190.0	3	C6-DCLNR/L-45065-19	63	65.0	45.0	10	6.4	1.34	CNMG 19 06 12
			3.189	*7.480*			*2.480*	*2.559*	*1.772*	*145*			*CNMG 643*
		C8	100.0	250.0	3	C8-DCLNR/L-55080-19	80	80.0	55.0	10	6.4	2.61	CNMG 19 06 12
			3.937	*9.843*			*3.150*	*3.150*	*2.165*	*145*			*CNMG 643*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts			
IC	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
09	3/8	C4	5513 020-04	5322 236-04	5412 028-011	5691 045-01
12	1/2	C4-C8	5513 020-02	5322 234-01	5412 028-021	5691 045-01
16	5/8	C4-C8	5513 020-07	5322 234-03	5412 028-031	5691 045-01
19	3/4	C5-C8	5513 020-07	5322 236-01	5412 028-041	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

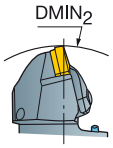
T-Max® P cutting unit for turning

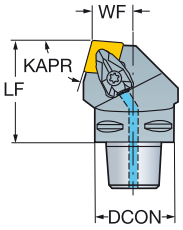
Rigid clamp design

Coromant Capto® - Internal coolant supply

KAPR 75.0°
PSIR 15.0°









CNMM
CNMG
CNMA, CNGA

	IC	CZC$_{MS}$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
12	1/2	C4	140.0	3	C4-DCRNR/L-22050-12	40	50.0	22.0	10	3.9	0.46	CNMG 12 04 08
			5.512			*1.575*	*1.969*	*.866*	*145*			*CNMG 432*
		C5	165.0	3	C5-DCRNR/L-27060-12	50	60.0	27.0	10	3.9	0.75	CNMG 12 04 08
			6.496			*1.969*	*2.362*	*1.063*	*145*			*CNMG 432*
		C6	190.0	3	C6-DCRNR/L-35065-12	63	65.0	35.0	10	3.9	1.40	CNMG 12 04 08
			7.480			*2.480*	*2.559*	*1.378*	*145*			*CNMG 432*
16	5/8	C5	165.0	3	C5-DCRNR/L-27060-16	50	60.0	27.0	10	6.4	0.74	CNMG 16 06 12
			6.496			*1.969*	*2.362*	*1.063*	*145*			*CNMG 543*
		C6	190.0	3	C6-DCRNR/L-35065-16	63	65.0	35.0	10	6.4	1.34	CNMG 16 06 12
			7.480			*2.480*	*2.559*	*1.378*	*145*			*CNMG 543*
		C8	250.0	3	C8-DCRNR/L-55080-16	80	80.0	55.0	10	6.4	2.68	CNMG 16 06 12
			9.843			*3.150*	*3.150*	*2.165*	*145*			*CNMG 543*
19	3/4	C6	190.0	3	C6-DCRNR/L-35065-19	63	65.0	35.0	10	6.4	1.33	CNMG 19 06 12
			7.480			*2.480*	*2.559*	*1.378*	*145*			*CNMG 643*
		C8	250.0	3	C8-DCRNR/L-55080-19	80	80.0	55.0	10	6.4	2.68	CNMG 19 06 12
			9.843			*3.150*	*3.150*	*2.165*	*145*			*CNMG 643*

DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

			Spare parts			
	IC	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C4	5513 020-02	5322 234-01	5412 028-021	5691 034-01
12	1/2	C5-C6	5513 020-02	5322 234-01	5412 028-021	5691 045-01
16	5/8	C5-C8	5513 020-07	5322 234-03	5412 028-031	5691 045-01
19	3/4	C6-C8	5513 020-07	5322 236-01	5412 028-041	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

T-Max® P cutting unit for turning

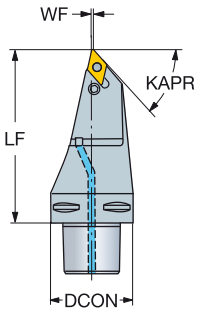
Lever clamp design

Coromant Capto® - Precision coolant supply

KAPR 48.0°
PSIR 42.0°

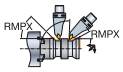






DNMM, DNMX
DNMG
DNMA, DNGA

Tools for multi-task machining

							Dimensions, mm, inch						
	IC		CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	15	1/2	C6	72°	3	**C6-PDMNR/L-00130-15HP**	63	130.0	0.6	150	5.0	2.08	DNMG 15 06 08
							2.480	*5.118*	*.022*	*2175*			*DNMG 442*

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3


G2



H37



H10



H5

T-Max® P cutting unit for turning

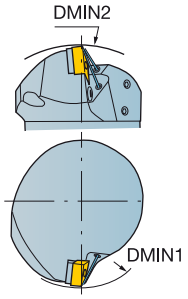
Lever clamp design

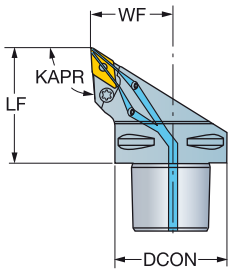
Coromant Capto® - Precision coolant supply

KAPR 93.0°
PSIR -3.0°

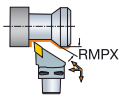








DNMM, DNMX
DNMG
DNMA, DNGA

	IC		CZC_{MS}	$DMIN_1$	$DMIN_2$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
				Dimensions, mm, inch											
	11	3/8	C4	90.0	145.0	27°	3	C4-PDJNR/L-27050-11HP	40	50.0	27.0	150	5.0	0.44	DNMG 11 04 08
				3.543	*5.709*				*1.575*	*1.969*	*1.063*	*2175*			*DNMG 332*
			C5	110.0	165.0	27°	3	C5-PDJNR/L-35060-11HP	50	60.0	35.0	150	5.0	0.79	DNMG 11 04 08
				4.331	*6.496*				*1.969*	*2.362*	*1.378*	*2175*			*DNMG 332*
	15	1/2	C4	65.0	145.0	27°	3	C4-PDJNR/L-27055-15HP	40	55.0	27.0	150	5.0	0.48	DNMG 15 06 08
				2.559	*5.709*				*1.575*	*2.165*	*1.063*	*2175*			*DNMG 442*
			C5	70.0	165.0	27°	3	C5-PDJNR/L-35060-1504HP	50	60.0	35.0	150	5.0	0.80	DNMG 15 04 08
				2.756	*6.496*				*1.969*	*2.362*	*1.378*	*2175*			*DNMG 432*
			C5	65.0	165.0	27°	3	C5-PDJNR/L-35060-15HP	50	60.0	35.0	150	5.0	0.79	DNMG 15 06 08
				2.559	*6.496*				*1.969*	*2.362*	*1.378*	*2175*			*DNMG 442*
			C6	95.0	195.0	27°	3	C6-PDJNR/L-45065-1504HP	63	65.0	45.0	150	5.0	1.32	DNMG 15 04 08
				3.740	*7.677*				*2.480*	*2.559*	*1.772*	*2175*			*DNMG 432*
			C6	95.0	195.0	27°	3	C6-PDJNR/L-45065-15HP	63	65.0	45.0	150	5.0	1.31	DNMG 15 06 08
				3.740	*7.677*				*2.480*	*2.559*	*1.772*	*2175*			*DNMG 442*
			C8	130.0	250.0	27°	3	C8-PDJNR/L-55080-15HP	80	80.0	55.0	150	5.0	2.76	DNMG 15 06 08
				5.118	*9.843*				*3.150*	*3.150*	*2.165*	*2175*			*DNMG 442*
			C10	180.0	280.0	27°	3	C10-PDJNR/L-68110-15HP	100	110.0	68.0	150	5.0	6.05	DNMG 15 06 08
				7.087	*11.024*				*3.937*	*4.331*	*2.677*	*2175*			*DNMG 442*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
C4-PDJNR/L-27050-11HP	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-03
C5-PDJNR/L-35060-11HP	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-03
C4-PDJNR/L-27055-15HP	174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03
C5-PDJNR/L-35060-1504HP	174.3-847M	174.3-830	171.35-855	174.3-861	5691 026-03
C5-PDJNR/L-35060-15HP	174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03
C6-PDJNR/L-45065-1504HP	174.3-847M	174.3-830	171.35-855	174.3-861	5691 026-03
C6-PDJNR/L-45065-15HP	174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03
C8-PDJNR/L-55080-15HP	174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03
C10-PDJNR/L-68110-15HP	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

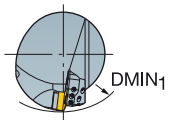
T-Max® P cutting unit for turning

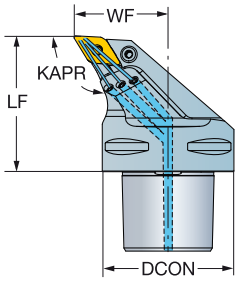
Lever clamp design

Coromant Capto® - Precision coolant supply

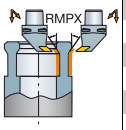
KAPR 93.0°
PSIR -3.0°







DNMM, DNMX
DNMG
DNMA, DNGA

	IC	CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	15 1/2	C6	80.0	27°	3	C6-PDUNR/L-45065-15HP	63	65.0	45.0	150	5.0	1.36	DNMG 15 06 08
			3.150				*2.480*	*2.559*	*1.772*	*2175*			*DNMG 442*
		C8	100.0	27°	3	C8-PDUNR/L-55080-15HP	80	80.0	55.0	150	5.0	2.77	DNMG 15 06 08
			3.937				*3.150*	*3.150*	*2.165*	*2175*			*DNMG 442*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3


G2



H37



H10



H5

T-Max® P cutting unit for turning

Lever clamp design

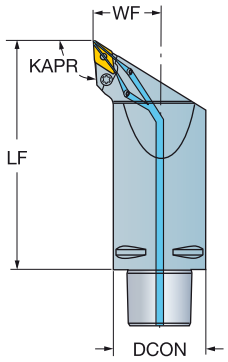
Coromant Capto® - Precision coolant supply

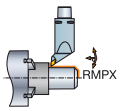
KAPR 93.0°
PSIR -3.0°





DNMM, DNMX
DNMG
DNMA, DNGA



							Dimensions, mm, inch						
		IC	CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	15	1/2	C6	27°	3	C6-PDJNR/L-45165-15HP	63	165.0	45.0	150	5.0	3.88	DNMG 15 06 08
							2.480	*6.496*	*1.772*	*2175*			*DNMG 442*

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

T-Max® P cutting unit for turning

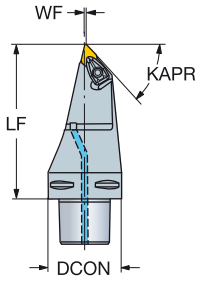
Rigid clamp design

Coromant Capto® - Internal coolant supply

KAPR 48.0°
PSIR 42.0°

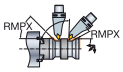






DNMM, DNMX
DNMG
DNMA, DNGA

Tools for multi-task machining

							Dimensions, mm, inch						
										BAR PSI	NM	KG	
		IC	CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF				MIID
	15	1/2	C5	72°	3	C5-DDMNL-00115-15	50	115.0	1.0	10	3.9	1.24	DNMG 15 06 08
							1.969	*4.528*	*.039*	*145*			*DNMG 442*
			C6	72°	3	C6-DDMNL-00130-15	63	130.0	1.0	10	3.9	2.05	DNMG 15 06 08
							2.480	*5.118*	*.039*	*145*			*DNMG 442*
			C6	72°	3	C6-DDMNL-00130-1504	63	130.0	1.0	10	3.9	2.04	DNMG 15 04 08
							2.480	*5.118*	*.039*	*145*			*DNMG 432*
			C8	72°	3	C8-DDMNL-00160-15	80	160.0	1.0	10	3.9	4.13	DNMG 15 06 08
							3.150	*6.299*	*.039*	*145*			*DNMG 442*
			C8	72°	3	C8-DDMNL-00160-1504	80	160.0	1.0	10	3.9	4.17	DNMG 15 04 08
							3.150	*6.299*	*.039*	*145*			*DNMG 432*
			C6	72°	3	C6-DDMNL-33120-15	63	120.0	33.0	10	3.9	2.12	DNMG 15 06 08
							2.480	*4.724*	*1.299*	*145*			*DNMG 442*
			C6	72°	3	C6-DDMNL-33120-1504	63	120.0	33.0	10	3.9	2.10	DNMG 15 04 08
							2.480	*4.724*	*1.299*	*145*			*DNMG 432*

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C5-DDMNL-00115-15	5513 020-02	5322 266-02	5412 028-021	5691 034-02
C6-DDMNL-00130-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03
C6-DDMNL-00130-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-03
C6-DDMNL-33120-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03
C6-DDMNL-33120-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-03
C8-DDMNL-00160-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03
C8-DDMNL-00160-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

T-Max® P cutting unit for turning

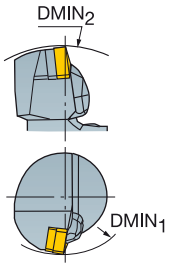
Rigid clamp design

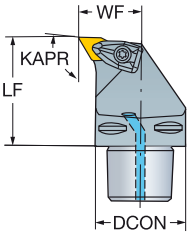
Coromant Capto® - Internal coolant supply

KAPR 93.0°
PSIR -3.0°









DNMM, DNMX
DNMG
DNMA, DNGA

	IC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
15	1/2	C4	110.0	140.0	27°	3	C4-DDUNR/L-27050-15	40	50.0	27.0	10	3.9	0.45	DNMG 15 06 08
			4.331	*5.512*				*1.575*	*1.969*	*1.063*	*145*			*DNMG 442*
		C4	110.0	140.0	27°	3	C4-DDUNR/L-27050-1504	40	50.0	27.0	10	3.9	0.46	DNMG 15 04 08
			4.331	*5.512*				*1.575*	*1.969*	*1.063*	*145*			*DNMG 432*
		C5	110.0	165.0	27°	3	C5-DDUNR/L-35060-15	50	60.0	35.0	10	3.9	0.80	DNMG 15 06 08
			4.331	*6.496*				*1.969*	*2.362*	*1.378*	*145*			*DNMG 442*
		C5	110.0	165.0	27°	3	C5-DDUNR/L-35060-1504	50	60.0	35.0	10	3.9	0.83	DNMG 15 04 08
			4.331	*6.496*				*1.969*	*2.362*	*1.378*	*145*			*DNMG 432*
		C6	110.0	190.0	27°	3	C6-DDUNR/L-45065-15	63	65.0	45.0	10	3.9	1.39	DNMG 15 06 08
			4.331	*7.480*				*2.480*	*2.559*	*1.772*	*145*			*DNMG 442*
		C6	110.0	190.0	27°	3	C6-DDUNR/L-45065-1504	63	65.0	45.0	10	3.9	1.39	DNMG 15 04 08
			4.331	*7.480*				*2.480*	*2.559*	*1.772*	*145*			*DNMG 432*
		C8	110.0	250.0	27°	3	C8-DDUNR/L-55080-15	80	80.0	55.0	10	3.9	2.70	DNMG 15 06 08
			4.331	*9.843*				*3.150*	*3.150*	*2.165*	*145*			*DNMG 442*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.
R = Right hand, L = Left hand
-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C4-DDUNR/L-27050-15	5513 020-02	5322 266-02	5412 028-021	5691 034-02
C4-DDUNR/L-27050-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-01
C5-DDUNR/L-35060-15	5513 020-02	5322 266-02	5412 028-021	5691 034-02
C5-DDUNR/L-35060-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-02
C6-DDUNR/L-45065-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03
C6-DDUNR/L-45065-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-02
C8-DDUNR/L-55080-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

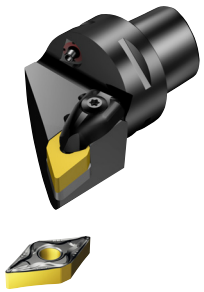
A174 F2 E3 G2 H37 H10 H5

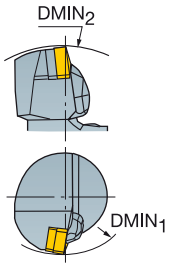
T-Max® P cutting unit for turning

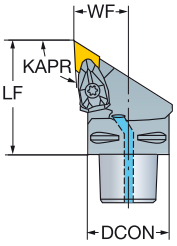
Rigid clamp design

Coromant Capto® - Internal coolant supply

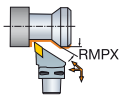
KAPR 93.0°
PSIR -3.0°







DNMM, DNMX
DNMG
DNMA, DNGA

	IC	CZC_{MS}	$DMIN_1$	$DMIN_2$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
			Dimensions, mm, inch											
	11	3/8	C3	60.0	121.0	27°	3	C3-DDJNR/L-22045-11	32	45.0	22.0	10	1.7	0.23	DNMG 11 04 08
				2.362	*4.764*				*1.260*	*1.772*	*.866*	*145*			*DNMG 332*
			C4	60.0	140.0	27°	3	C4-DDJNR/L-27050-11	40	50.0	27.0	10	1.7	0.39	DNMG 11 04 08
				2.362	*5.512*				*1.575*	*1.969*	*1.063*	*145*			*DNMG 332*
			C5	65.0	165.0	27°	3	C5-DDJNR/L-35060-11	50	60.0	35.0	10	1.7	0.76	DNMG 11 04 08
				2.559	*6.496*				*1.969*	*2.362*	*1.378*	*145*			*DNMG 332*
	15	1/2	C4	110.0	145.0	27°	3	C4-DDJNR/L-27055-15	40	55.0	27.0	10	3.9	0.46	DNMG 15 06 08
				4.331	*5.709*				*1.575*	*2.165*	*1.063*	*145*			*DNMG 442*
			C4	110.0	145.0	27°	3	C4-DDJNR/L-27055-1504	40	55.0	27.0	10	3.9	0.43	DNMG 15 04 08
				4.331	*5.709*				*1.575*	*2.165*	*1.063*	*145*			*DNMG 432*
			C5	110.0	165.0	27°	3	C5-DDJNR/L-35060-15	50	60.0	35.0	10	3.9	0.72	DNMG 15 06 08
				4.331	*6.496*				*1.969*	*2.362*	*1.378*	*145*			*DNMG 442*
			C5	110.0	165.0	27°	3	C5-DDJNR/L-35060-1504	50	60.0	35.0	10	3.9	0.73	DNMG 15 04 08
				4.331	*6.496*				*1.969*	*2.362*	*1.378*	*145*			*DNMG 432*
			C6	110.0	190.0	27°	3	C6-DDJNR/L-45065-15	63	65.0	45.0	10	3.9	1.18	DNMG 15 06 08
				4.331	*7.480*				*2.480*	*2.559*	*1.772*	*145*			*DNMG 442*
			C6	110.0	190.0	27°	3	C6-DDJNR/L-45065-1504	63	65.0	45.0	10	3.9	1.18	DNMG 15 04 08
				4.331	*7.480*				*2.480*	*2.559*	*1.772*	*145*			*DNMG 432*
			C8	110.0	250.0	27°	3	C8-DDJNR/L-55080-15	80	80.0	55.0	10	3.9	2.30	DNMG 15 06 08
				4.331	*9.843*				*3.150*	*3.150*	*2.165*	*145*			*DNMG 442*
			C8	110.0	250.0	27°	3	C8-DDJNR/L-55080-1504	80	80.0	55.0	10	3.9	2.30	DNMG 15 04 08
				4.331	*9.843*				*3.150*	*3.150*	*2.165*	*145*			*DNMG 432*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.
-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C3-DDJNR/L-22045-11	5513 020-04	5322 267-01	5412 028-011	
C4-DDJNR/L-27050-11	5513 020-04	5322 267-01	5412 028-011	5691 034-01
C5-DDJNR/L-35060-11	5513 020-04	5322 267-01	5412 028-011	5691 034-02
C4-DDJNR/L-27055-15	5513 020-02	5322 266-02	5412 028-021	5691 034-01
C4-DDJNR/L-27055-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-01
C5-DDJNR/L-35060-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C5-DDJNR/L-35060-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C6-DDJNR/L-45065-15	5513 020-02	5322 266-02	5412 028-021	5691 034-02
C6-DDJNR/L-45065-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-02
C8-DDJNR/L-55080-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03
C8-DDJNR/L-55080-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

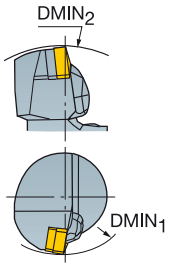
T-Max® P cutting unit for turning

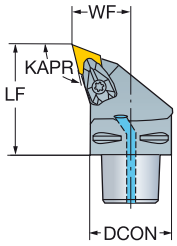
Rigid clamp design

Coromant Capto® - Internal coolant supply

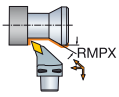
KAPR 107.5°
PSIR -17.5°







DNMM, DNMX
DNMG
DNMA, DNGA

									Dimensions, mm, inch						
												BAR PSI	NM	KG	
	IC		CZC_{MS}	$DMIN_1$	$DMIN_2$	RMPX	CNSC	**Ordering code**	DCON	LF	WF				MIID
	15	1/2	C4	110.0	145.0	12°	3	**C4-DDHNR/L-27055-15**	40	55.0	27.0	10	3.9	0.45	DNMG 15 06 08
				4.331	*5.709*				*1.575*	*2.165*	*1.063*	*145*			*DNMG 442*
			C4	110.0	145.0	12°	3	**C4-DDHNR/L-27055-1504**	40	55.0	27.0	10	3.9	0.45	DNMG 15 04 08
				4.331	*5.709*				*1.575*	*2.165*	*1.063*	*145*			*DNMG 432*
			C5	110.0	165.0	12°	3	**C5-DDHNR/L-35060-15**	50	60.0	35.0	10	3.9	0.75	DNMG 15 06 08
				4.331	*6.496*				*1.969*	*2.362*	*1.378*	*145*			*DNMG 442*
			C5	110.0	165.0	12°	3	**C5-DDHNR/L-35060-1504**	50	60.0	35.0	10	3.9	0.76	DNMG 15 04 08
				4.331	*6.496*				*1.969*	*2.362*	*1.378*	*145*			*DNMG 432*
			C6	110.0	190.0	12°	3	**C6-DDHNR/L-45065-15**	63	65.0	45.0	10	3.9	1.27	DNMG 15 06 08
				4.331	*7.480*				*2.480*	*2.559*	*1.772*	*145*			*DNMG 442*
			C6	110.0	190.0	12°	3	**C6-DDHNR/L-45065-1504**	63	65.0	45.0	10	3.9	1.27	DNMG 15 04 08
				4.331	*7.480*				*2.480*	*2.559*	*1.772*	*145*			*DNMG 432*
			C8	110.0	250.0	12°	3	**C8-DDHNR/L-55080-15**	80	80.0	55.0	10	3.9	2.50	DNMG 15 06 08
				4.331	*9.843*				*3.150*	*3.150*	*2.165*	*145*			*DNMG 442*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.
R = Right hand, L = Left hand
-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C4-DDHNR/L-27055-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C4-DDHNR/L-27055-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C5-DDHNR/L-35060-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C5-DDHNR/L-35060-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C6-DDHNR/L-45065-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C6-DDHNR/L-45065-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C8-DDHNR/L-55080-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

T-Max® P cutting unit for turning

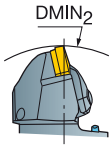
Rigid clamp design

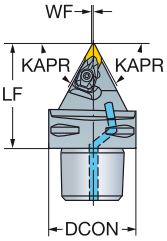
Coromant Capto® - Internal coolant supply

KAPR 62.5°
PSIR 27.5°

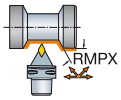








DNMM, DNMX
DNMG
DNMA, DNGA

	IC	CZC$_{MS}$	DMIN$_2$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
							Dimensions, mm, inch						
	11 3/8	C4	140.0	57°	3	**C4-DDNNN-00050-11**	40	50.0	0.5	10	1.7	0.35	DNMG 11 04 08
			5.512				*1.575*	*1.969*	*.020*	*145*			*DNMG 332*
	15 1/2	C4	145.0	57°	3	**C4-DDNNN-00055-15**	40	55.0	0.5	10	3.9	0.38	DNMG 15 06 08
			5.709				*1.575*	*2.165*	*.020*	*145*			*DNMG 442*
		C4	145.0	57°	3	**C4-DDNNN-00055-1504**	40	55.0	0.5	10	3.9	0.38	DNMG 15 04 08
			5.709				*1.575*	*2.165*	*.020*	*145*			*DNMG 432*
		C5	165.0	57°	3	**C5-DDNNN-00060-15**	50	60.0	0.5	10	3.9	0.62	DNMG 15 06 08
			6.496				*1.969*	*2.362*	*.020*	*145*			*DNMG 442*
		C5	165.0	57°	3	**C5-DDNNN-00060-1504**	50	60.0	0.5	10	3.9	0.63	DNMG 15 04 08
			6.496				*1.969*	*2.362*	*.020*	*145*			*DNMG 432*
		C6	190.0	57°	3	**C6-DDNNN-00065-15**	63	65.0	0.5	10	3.9	1.06	DNMG 15 06 08
			7.480				*2.480*	*2.559*	*.020*	*145*			*DNMG 442*
		C6	190.0	57°	3	**C6-DDNNN-00065-1504**	63	65.0	0.5	10	3.9	1.06	DNMG 15 04 08
			7.480				*2.480*	*2.559*	*.020*	*145*			*DNMG 432*
		C8	250.0	57°	3	**C8-DDNNN-00080-15**	80	80.0	0.5	10	3.9	2.10	DNMG 15 06 08
			9.843				*3.150*	*3.150*	*.020*	*145*			*DNMG 442*

DMIN2 valid in combination with clamping unit R/LC2090. N = Neutral

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C4-DDNNN-00050-11	5513 020-04	5322 267-01	5412 028-011	5691 034-01
C4-DDNNN-00055-15	5513 020-02	5322 266-02	5412 028-021	5691 034-01
C4-DDNNN-00055-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-01
C5-DDNNN-00060-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C5-DDNNN-00060-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C6-DDNNN-00065-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C6-DDNNN-00065-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C8-DDNNN-00080-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

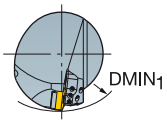
 A174
 F2
 E3
 G2
 H37
 H10
 H5

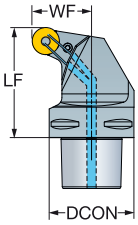
T-Max® P cutting unit for turning

Lever clamp design

Coromant Capto® - Precision coolant supply









RCMX
RCMT
RCGX AL

	IC		CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	16	.630	C10	500.0	65°	3	C10-PRSCR/L-70130-16C	100	130.0	70.0	150	5.0	6.84	RCMX 16 06 00
				19.685				*3.937*	*5.118*	*2.756*	*2175*			*RCMX 16 06 00*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
176.39-842	174.3-833	176.39-852	174.3-867	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

T-Max® P cutting unit for turning

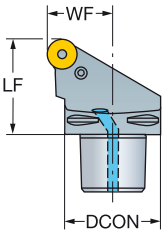
Lever clamp design

Coromant Capto® - Internal coolant supply





RCMX
RCMT
RCGX AL



	IC	CZC$_{MS}$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	20 .787	C8	27°	3	C8-PRSCR/L-55080-20	80	80.0	55.0	10	8.0	2.45	RCMX 20 06 00
						3.150	*3.150*	*2.165*	*145*			*RCMX 20 06 00*

Dimensions, mm, inch

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
176.39-843	174.3-825	176.39-853	174.3-864	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3


G2



H37



H10



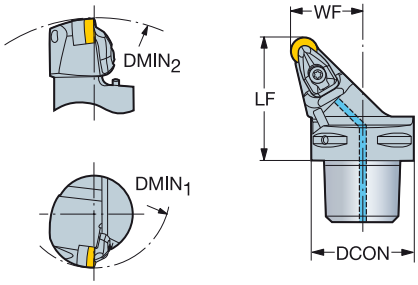
H5

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply





RNMG
RNGA

	IC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
12	1/2	C4	110.0	140.0	40°	3	C4-DRSNR/L-27050-12	40	50.0	27.0	10	3.9	0.38	RNMG 12 04 00
			4.331	*5.512*				*1.575*	*1.969*	*1.063*	*145*			*RNMG 43*
		C5	110.0	165.0	40°	3	C5-DRSNR/L-35060-12	50	60.0	35.0	10	3.9	0.70	RNMG 12 04 00
			4.331	*6.496*				*1.969*	*2.362*	*1.378*	*145*			*RNMG 43*
		C6	110.0	190.0	40°	3	C6-DRSNR/L-45065-12	63	65.0	45.0	10	3.9	1.11	RNMG 12 04 00
			4.331	*7.480*				*2.480*	*2.559*	*1.772*	*145*			*RNMG 43*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts			
IC	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
1/2	C4	5513 020-02	5322 155-02	5412 028-021	5691 034-01
1/2	C5-C6	5513 020-02	5322 155-02	5412 028-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

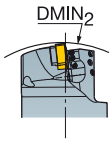
T-Max® P cutting unit for turning

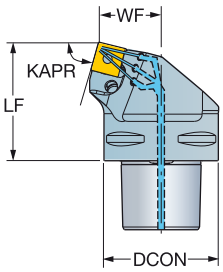
Lever clamp design

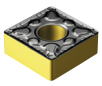
Coromant Capto® - Precision coolant supply

KAPR 75.0°
PSIR 15.0°

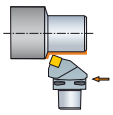








SNMM
SNMG
SNMA, SNGA

	IC	CZC_{MS}	$DMIN_2$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
							Dimensions, mm, inch						
	15 5/8	C6	190.0	10°	3	**C6-PSRNR/L-35065-15HP**	63	65.0	35.0	150	5.0	1.48	SNMG 15 06 12
			7.480				*2.480*	*2.559*	*1.378*	*2175*			*SNMG 543*
	19 3/4	C6	190.0	10°	3	**C6-PSRNR/L-35065-19HP**	63	65.0	35.0	150	10.0	1.47	SNMG 19 06 12
			7.480				*2.480*	*2.559*	*1.378*	*2175*			*SNMG 643*

DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
C6-PSRNR/L-35065-15HP	438.3-840	438.3-831	174.3-857	174.3-864	5691 026-03
C6-PSRNR/L-35065-19HP	174.3-842M	174.3-822M	174.3-852M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3


G2



H37



H10



H5

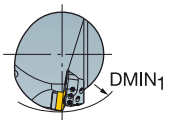
T-Max® P cutting unit for turning

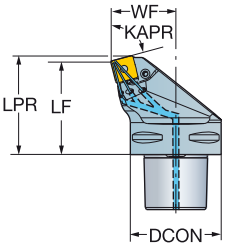
Lever clamp design

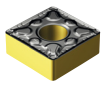
Coromant Capto® - Precision coolant supply

KAPR 75.0°
PSIR 15.0°

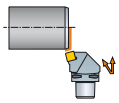








SNMM
SNMG
SNMA, SNGA

	IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
	15	5/8	C6	125.0	10°	3	C6-PSKNR/L-45065-15HP	63	68.8	65.0	45.0	150	5.0	1.52	SNMG 15 06 12
				4.921				*2.480*	*2.709*	*2.559*	*1.772*	*2175*			*SNMG 543*
	19	3/4	C6	125.0	10°	3	C6-PSKNR/L-45065-19HP	63	69.6	65.0	45.0	150	10.0	1.60	SNMG 19 06 12
				4.921				*2.480*	*2.740*	*2.559*	*1.772*	*2175*			*SNMG 643*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
C6-PSKNR/L-45065-15HP	438.3-840	438.3-831	174.3-857	174.3-864	5691 026-03
C6-PSKNR/L-45065-19HP	174.3-842M	174.3-822M	174.3-852M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H5 H10

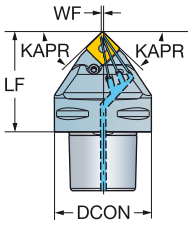
T-Max® P cutting unit for turning

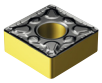
Lever clamp design

Coromant Capto® - Precision coolant supply

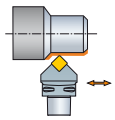
KAPR 45.0°
PSIR 45.0°







SNMM
SNMG
SNMA, SNGA

								Dimensions, mm, inch						
		IC	CZC_{MS}	RMPX	CNSC	Ordering code		DCON	LF	WF	BAR PSI	NM	KG	MIID
	15	5/8	C6	40°	3	**C6-PSDNN-00065-15HP**		63	65.0	0.5	150	5.0	1.29	SNMG 15 06 12
								2.480	*2.559*	*.020*	*2175*			*SNMG 543*
	19	3/4	C6	40°	3	**C6-PSDNN-00065-19HP**		63	65.0	0.5	150	10.0	1.29	SNMG 19 06 12
								2.480	*2.559*	*.020*	*2175*			*SNMG 643*

N = Neutral

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
C6-PSDNN-00065-15HP	438.3-840	438.3-831	174.3-857	174.3-864	5691 026-03
C6-PSDNN-00065-19HP	174.3-842M	174.3-822M	174.3-852M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

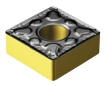
T-Max® P cutting unit for turning

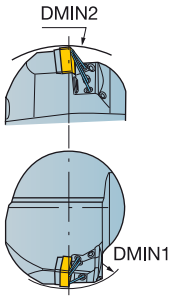
Lever clamp design

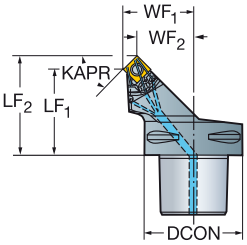
Coromant Capto® - Precision coolant supply

KAPR 45.0°
PSIR 45.0°









SNMM
SNMG
SNMA, SNGA

	IC	CZC_{MS}	$DMIN_1$	$DMIN_2$	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF_1	LF_2	WF_1	WF_2	BAR PSI	NM	KG	MIID
12	1/2	C4	90.0	145.0	42.0	3	C4-PSSNR/L-27042-12HP	40	42.0	50.3	27.0	18.7	150	5.0	0.41	SNMG 12 04 08
			3.543	*5.709*	*1.654*			*1.575*	*1.654*	*1.981*	*1.063*	*.735*	*2175*			*SNMG 432*
		C5	110.0	165.0	52.0	3	C5-PSSNR/L-35052-12HP	50	52.0	60.3	35.0	26.7	150	5.0	0.75	SNMG 12 04 08
			4.331	*6.496*	*2.047*			*1.969*	*2.047*	*2.375*	*1.378*	*1.050*	*2175*			*SNMG 432*
		C6	110.0	200.0	56.0	3	C6-PSSNR/L-45056-12HP	63	56.0	64.3	45.0	36.7	150	5.0	1.19	SNMG 12 04 08
			4.331	*7.874*	*2.205*			*2.480*	*2.205*	*2.532*	*1.772*	*1.444*	*2175*			*SNMG 432*
		C8	200.0	260.0	80.0	3	C8-PSSNR/L-55080-12HP	80	80.0	88.3	55.0	46.7	150	5.0	2.57	SNMG 12 04 08
			7.874	*10.236*	*3.150*			*3.150*	*3.150*	*3.477*	*2.165*	*1.838*	*2175*			*SNMG 432*
15	5/8	C6	110.0	200.0	54.0	3	C6-PSSNR/L-45054-15HP	63	54.0	64.2	45.0	34.8	150	5.0	1.23	SNMG 15 06 12
			4.331	*7.874*	*2.126*			*2.480*	*2.126*	*2.529*	*1.772*	*1.369*	*2175*			*SNMG 543*
19	3/4	C6	110.0	180.0	52.0	3	C6-PSSNR/L-45052-19HP	63	52.0	64.5	45.0	32.5	150	10.0	1.20	SNMG 19 06 12
			4.331	*7.087*	*2.047*			*2.480*	*2.047*	*2.539*	*1.772*	*1.280*	*2175*			*SNMG 643*
		C8	200.0	260.0	80.0	3	C8-PSSNR/L-55080-19HP	80	80.0	92.5	55.0	42.5	150	10.0	2.72	SNMG 19 06 12
			7.874	*10.236*	*3.150*			*3.150*	*3.150*	*3.641*	*2.165*	*1.674*	*2175*			*SNMG 643*
		C10	260.0	315.0	92.0	3	C10-PSSNR/L-68092-19HP	100	92.0	104.5	68.0	55.5	150	10.0	4.45	SNMG 19 06 12
			10.236	*12.402*	*3.622*			*3.937*	*3.622*	*4.113*	*2.677*	*2.186*	*2175*			*SNMG 643*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

			Spare parts				
	IC	CZC_{MS}	Lever	Screw	Shim	Shim pin	Nozzle
12	1/2	C4-C8	174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-03
15	5/8	C6	438.3-840	438.3-831	174.3-857	174.3-864	5691 026-03
19	3/4	C6-C10	174.3-842M	174.3-822M	174.3-852M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

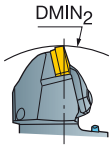
T-Max® P cutting unit for turning

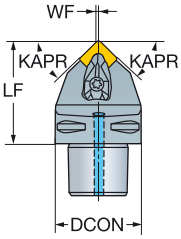
Rigid clamp design

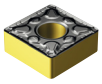
Coromant Capto® - Internal coolant supply

KAPR 45.0°
PSIR 45.0°



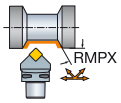






SNMM
SNMG
SNMA, SNGA

	IC	CZC$_{MS}$	DMIN$_2$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	12 1/2	C3	124.0	40°	3	C3-DSDNN-00048-12	32	48.0	0.3	10	3.9	0.23	SNMG 12 04 08
			4.882				*1.260*	*1.890*	*.012*	*145*			*SNMG 432*
		C4	140.0	40°	3	C4-DSDNN-00050-12	40	50.0	0.3	10	3.9	0.40	SNMG 12 04 08
			5.512				*1.575*	*1.969*	*.012*	*145*			*SNMG 432*
		C5	165.0	40°	3	C5-DSDNN-00060-12	50	60.0	0.3	10	3.9	0.78	SNMG 12 04 08
			6.496				*1.969*	*2.362*	*.012*	*145*			*SNMG 432*
		C6	190.0	40°	3	C6-DSDNN-00065-12	63	65.0	0.3	10	3.9	1.20	SNMG 12 04 08
			7.480				*2.480*	*2.559*	*.012*	*145*			*SNMG 432*
	15 5/8	C5	165.0	40°	3	C5-DSDNN-00060-15	50	60.0	0.5	10	6.4	0.70	SNMG 15 06 12
			6.496				*1.969*	*2.362*	*.020*	*145*			*SNMG 543*
		C6	190.0	40°	3	C6-DSDNN-00065-15	63	65.0	0.5	10	6.4	1.20	SNMG 15 06 12
			7.480				*2.480*	*2.559*	*.020*	*145*			*SNMG 543*
	19 3/4	C5	170.0	40°	3	C5-DSDNN-00065-19	50	65.0	0.5	10	6.4	0.76	SNMG 19 06 12
			6.693				*1.969*	*2.559*	*.020*	*145*			*SNMG 643*
		C6	195.0	40°	3	C6-DSDNN-00070-19	63	70.0	0.5	10	6.4	1.24	SNMG 19 06 12
			7.677				*2.480*	*2.756*	*.020*	*145*			*SNMG 643*



DMIN2 valid in combination with clamping unit R/LC2090.

N = Neutral

			Spare parts			
IC		CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C3	5513 020-02	5322 426-02	5412 028-021	
12	1/2	C4	5513 020-02	5322 425-01	5412 028-021	5691 034-01
12	1/2	C5-C6	5513 020-02	5322 425-01	5412 028-021	5691 045-01
15	5/8	C5	5513 020-07	5322 425-05	5412 028-031	5691 045-01
15	5/8	C6	5513 020-07	5322 425-03	5412 028-031	5691 045-01
19	3/4	C5-C6	5513 020-07	5322 425-04	5412 028-041	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3


G2



H37



H10



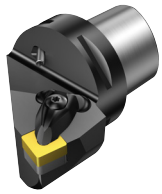
H5

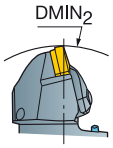
T-Max® P cutting unit for turning

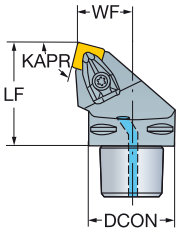
Rigid clamp design

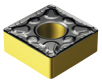
Coromant Capto® - Internal coolant supply

KAPR 75.0°
PSIR 15.0°

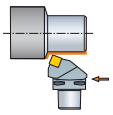








SNMM
SNMG
SNMA, SNGA

	IC		CZC_{MS}	$DMIN_2$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	12	1/2	C3	124.0	10°	3	C3-DSRNR-19048-12	32	48.0	19.0	10	3.9	0.26	SNMG 12 04 08
				4.882				*1.260*	*1.890*	*.748*	*145*			*SNMG 432*
			C4	140.0	10°	3	C4-DSRNR/L-22050-12	40	50.0	22.0	10	3.9	0.40	SNMG 12 04 08
				5.512				*1.575*	*1.969*	*.866*	*145*			*SNMG 432*
			C5	165.0	10°	3	C5-DSRNR/L-27060-12	50	60.0	27.0	10	3.9	0.72	SNMG 12 04 08
				6.496				*1.969*	*2.362*	*1.063*	*145*			*SNMG 432*
			C6	190.0	10°	3	C6-DSRNR/L-35065-12	63	65.0	35.0	10	3.9	1.24	SNMG 12 04 08
				7.480				*2.480*	*2.559*	*1.378*	*145*			*SNMG 432*
	15	5/8	C5	165.0	10°	3	C5-DSRNR/L-27060-15	50	60.0	27.0	10	6.4	0.76	SNMG 15 06 12
				6.496				*1.969*	*2.362*	*1.063*	*145*			*SNMG 543*
			C6	190.0	10°	3	C6-DSRNR/L-35065-15	63	65.0	35.0	10	6.4	1.31	SNMG 15 06 12
				7.480				*2.480*	*2.559*	*1.378*	*145*			*SNMG 543*
	19	3/4	C6	190.0	10°	3	C6-DSRNR/L-35065-19	63	65.0	35.0	10	6.4	1.30	SNMG 19 06 12
				7.480				*2.480*	*2.559*	*1.378*	*145*			*SNMG 643*
			C8	250.0	10°	3	C8-DSRNR/L-45080-19	80	80.0	45.0	10	6.4	2.54	SNMG 19 06 12
				9.843				*3.150*	*3.150*	*1.772*	*145*			*SNMG 643*

DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

			Spare parts			
	IC	CZC_{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C3	5513 020-02	5322 426-02	5412 028-021	
12	1/2	C4-C6	5513 020-02	5322 425-01	5412 028-021	5691 045-01
15	5/8	C5-C6	5513 020-07	5322 425-03	5412 028-031	5691 045-01
19	3/4	C6-C8	5513 020-07	5322 425-04	5412 028-041	5691 045-01

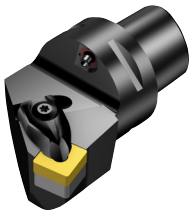
For the complete list of spare parts, visit www.sandvik.coromant.com

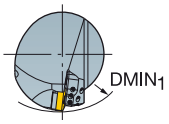
T-Max® P cutting unit for turning

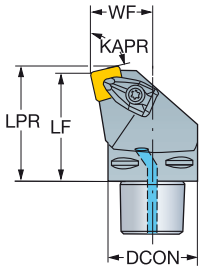
Rigid clamp design

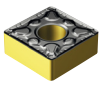
Coromant Capto® - Internal coolant supply

KAPR 75.0°
PSIR 15.0°









SNMM
SNMG
SNMA, SNGA

	IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
12	1/2	C3	60.0	10°	3	C3-DSKNR-22040-12	32	43.1	40.0	22.0	10	3.9	0.25	SNMG 12 04 08
			2.362				*1.260*	*1.695*	*1.575*	*.866*	*145*			*SNMG 432*
		C4	110.0	10°	3	C4-DSKNR/L-27050-12	40	53.1	50.0	27.0	10	3.9	0.47	SNMG 12 04 08
			4.331				*1.575*	*2.089*	*1.969*	*1.063*	*145*			*SNMG 432*
		C5	110.0	10°	3	C5-DSKNR/L-35060-12	50	63.1	60.0	35.0	10	3.9	0.85	SNMG 12 04 08
			4.331				*1.969*	*2.482*	*2.362*	*1.378*	*145*			*SNMG 432*
15	5/8	C5	125.0	10°	3	C5-DSKNR/L-35060-15	50	63.8	60.0	35.0	10	6.4	0.85	SNMG 15 06 12
			4.921				*1.969*	*2.512*	*2.362*	*1.378*	*145*			*SNMG 543*
		C6	125.0	10°	3	C6-DSKNR/L-45065-15	63	68.8	65.0	45.0	10	6.4	1.38	SNMG 15 06 12
			4.921				*2.480*	*2.709*	*2.559*	*1.772*	*145*			*SNMG 543*
19	3/4	C6	125.0	10°	3	C6-DSKNR/L-45065-19	63	69.6	65.0	45.0	10	6.4	1.50	SNMG 19 06 12
			4.921				*2.480*	*2.740*	*2.559*	*1.772*	*145*			*SNMG 643*
		C8	125.0	10°	3	C8-DSKNR/L-55080-19	80	84.6	80.0	55.0	10	6.4	2.68	SNMG 19 06 12
			4.921				*3.150*	*3.331*	*3.150*	*2.165*	*145*			*SNMG 643*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts				
	IC	CZC_{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C3	5513 020-02	5322 426-02	5412 028-021	5691 034-01
12	1/2	C4	5513 020-02	5322 425-01	5412 028-021	5691 034-01
12	1/2	C5	5513 020-02	5322 425-01	5412 028-021	5691 034-02
15	5/8	C5-C6	5513 020-07	5322 425-03	5412 028-031	5691 034-02
19	3/4	C6	5513 020-07	5322 425-04	5412 028-041	5691 034-02
19	3/4	C8	5513 020-07	5322 425-04	5412 028-041	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

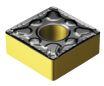
T-Max® P cutting unit for turning

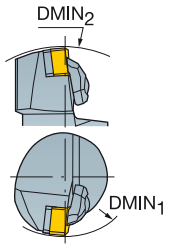
Rigid clamp design

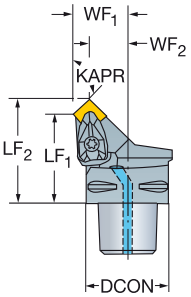
Coromant Capto® - Internal coolant supply

KAPR 45.0°
PSIR 45.0°

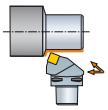








SNMM
SNMG
SNMA, SNGA

	IC	CZC_{MS}	$DMIN_1$	$DMIN_2$	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF_1	LF_2	WF_1	WF_2	BAR PSI	NM	KG	MIID
	12 1/2	C4	110.0	140.0	42.0	3	C4-DSSNR/L-27042-12	40	42.0	50.3	27.0	18.7	10	3.9	0.36	SNMG 12 04 08
			4.331	*5.512*	*1.654*			*1.575*	*1.654*	*1.981*	*1.063*	*.735*	*145*			*SNMG 432*
		C5	110.0	165.0	52.0	3	C5-DSSNR/L-35052-12	50	52.0	60.3	35.0	26.7	10	3.9	0.68	SNMG 12 04 08
			4.331	*6.496*	*2.047*			*1.969*	*2.047*	*2.375*	*1.378*	*1.050*	*145*			*SNMG 432*
		C6	110.0	190.0	56.0	3	C6-DSSNR/L-45056-12	63	56.0	64.3	45.0	36.7	10	3.9	1.10	SNMG 12 04 08
			4.331	*7.480*	*2.205*			*2.480*	*2.205*	*2.532*	*1.772*	*1.444*	*145*			*SNMG 432*
	15 5/8	C5	125.0	165.0	50.0	3	C5-DSSNR/L-35050-15	50	50.0	60.2	35.0	24.8	10	6.4	0.70	SNMG 15 06 12
			4.921	*6.496*	*1.969*			*1.969*	*1.969*	*2.372*	*1.378*	*.975*	*145*			*SNMG 543*
		C6	125.0	190.0	54.0	3	C6-DSSNR/L-45054-15	63	54.0	64.2	45.0	34.8	10	6.4	1.12	SNMG 15 06 12
			4.921	*7.480*	*2.126*			*2.480*	*2.126*	*2.529*	*1.772*	*1.369*	*145*			*SNMG 543*
	19 3/4	C6	125.0	190.0	52.0	3	C6-DSSNR/L-45052-19	63	52.0	64.5	45.0	32.5	10	6.4	1.15	SNMG 19 06 12
			4.921	*7.480*	*2.047*			*2.480*	*2.047*	*2.539*	*1.772*	*1.280*	*145*			*SNMG 643*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

		Spare parts			
IC	CZC_{MS}	Shim screw	Shim	Clamp set	Nozzle
1/2	C4	5513 020-02	5322 425-01	5412 028-021	5691 034-01
1/2	C5	5513 020-02	5322 425-01	5412 028-021	5691 034-02
1/2	C6	5513 020-02	5322 425-01	5412 028-021	5691 045-01
5/8	C5	5513 020-07	5322 425-03	5412 028-031	5691 034-02
5/8	C6	5513 020-07	5322 425-03	5412 028-031	5691 045-01
3/4	C6	5513 020-07	5322 425-04	5412 028-041	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

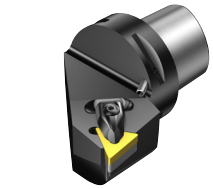
A174 F2 E3 G2 H37 H10 H5

T-Max® P cutting unit for turning

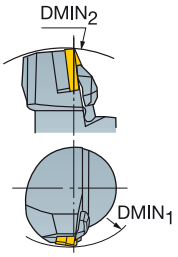
Rigid clamp design

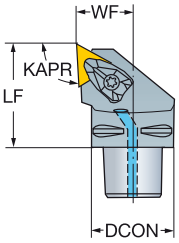
Coromant Capto® - Internal coolant supply

KAPR 93.0°
PSIR -3.0°









TNMM, TNMX
TNMG
TNMA, TNGA

	IC		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
16	3/8		C3	60.0	116.0	3	C3-DTJNR/L-22040-16	32	40.0	22.0	10	1.7	0.23	TNMG 16 04 08
				2.362	*4.567*			*1.260*	*1.575*	*.866*	*145*			*TNMG 332*
			C4	110.0	140.0	3	C4-DTJNR/L-27050-16	40	50.0	27.0	10	1.7	0.43	TNMG 16 04 08
				4.331	*5.512*			*1.575*	*1.969*	*1.063*	*145*			*TNMG 332*
			C5	110.0	165.0	3	C5-DTJNR/L-35060-16	50	60.0	35.0	10	1.7	0.78	TNMG 16 04 08
				4.331	*6.496*			*1.969*	*2.362*	*1.378*	*145*			*TNMG 332*
			C6	110.0	190.0	3	C6-DTJNR/L-45065-16	63	65.0	45.0	10	1.7	1.34	TNMG 16 04 08
				4.331	*7.480*			*2.480*	*2.559*	*1.772*	*145*			*TNMG 332*
22	1/2		C4	110.0	140.0	3	C4-DTJNR/L-27050-22	40	50.0	27.0	10	3.9	0.46	TNMG 22 04 08
				4.331	*5.512*			*1.575*	*1.969*	*1.063*	*145*			*TNMG 432*
			C5	110.0	165.0	3	C5-DTJNR/L-35060-22	50	60.0	35.0	10	3.9	0.98	TNMG 22 04 08
				4.331	*6.496*			*1.969*	*2.362*	*1.378*	*145*			*TNMG 432*
			C6	110.0	190.0	3	C6-DTJNR/L-45065-22	63	65.0	45.0	10	3.9	1.40	TNMG 22 04 08
				4.331	*7.480*			*2.480*	*2.559*	*1.772*	*145*			*TNMG 432*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

			Spare parts			
	IC	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
16	3/8	C3	5513 020-04	5322 316-01	5412 028-011	
16	3/8	C4-C6	5513 020-04	5322 315-02	5412 028-011	5691 045-01
22	1/2	C4-C6	5513 020-02	5322 315-04	5412 028-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

T-Max® P cutting unit for turning

Rigid clamp design

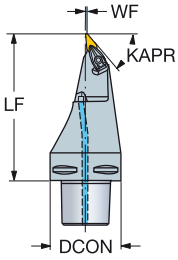
Coromant Capto® - Internal coolant supply

KAPR	50.0°
PSIR	40.0°

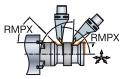





VNMG



Tools for multi-task machining

							Dimensions, mm, inch						
										BAR PSI	NM	KG	
	16	3/8	C8	90°	3	**C8-DVMNL-00160-16**	80	160.0	1.2	10	3.0	4.00	VNMG 16 04 08
							*3.150*	*6.299*	*.048*	*145*			*VNMG 332*

L = Left hand

Spare parts			
Shim screw	Shim	Clamp set	Nozzle
5513 020-09	5322 269-01	5412 028-061	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

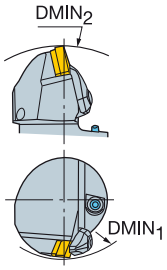
T-Max® P cutting unit for turning

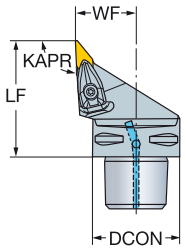
Rigid clamp design

Coromant Capto® - Internal coolant supply

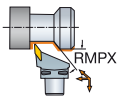
KAPR 93.0°
PSIR -3.0°







VNMG

									Dimensions, mm, inch						
			CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	16	3/8	C4	60.0	152.0	50°	3	C4-DVJNR/L-27062-16	40	62.0	27.0	10	3.0	0.45	VNMG 16 04 08
				2.362	*5.984*				*1.575*	*2.441*	*1.063*	*145*			*VNMG 332*
			C5	65.0	170.0	50°	3	C5-DVJNR/L-35065-16	50	65.0	35.0	10	3.0	0.72	VNMG 16 04 08
				2.559	*6.693*				*1.969*	*2.559*	*1.378*	*145*			*VNMG 332*
			C6	81.0	190.0	50°	3	C6-DVJNR/L-45065-16	63	65.0	45.0	10	3.0	1.13	VNMG 16 04 08
				3.189	*7.480*				*2.480*	*2.559*	*1.772*	*145*			*VNMG 332*
			C8	100.0	250.0	50°	3	C8-DVJNR/L-55080-16	80	80.0	55.0	10	3.0	2.22	VNMG 16 04 08
				3.937	*9.843*				*3.150*	*3.150*	*2.165*	*145*			*VNMG 332*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

			Spare parts			
		CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
16	3/8	C4	5513 020-09	5322 269-01	5412 028-061	5691 034-01
16	3/8	C5-C6	5513 020-09	5322 269-01	5412 028-061	5691 034-02
16	3/8	C8	5513 020-09	5322 269-01	5412 028-061	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

T-Max® P cutting unit for turning

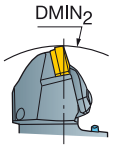
Rigid clamp design

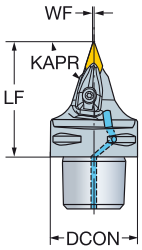
Coromant Capto® - Internal coolant supply

KAPR 72.5°
PSIR 17.5°









VNMG

								Dimensions, mm, inch						
											BAR PSI	NM	KG	
			CZC_{MS}	$DMIN_2$	RMPX	CNSC	Ordering code	DCON	LF	WF				MIID
	16	3/8	C4	152.0	70°	3	C4-DVVNN-00062-16	40	62.0	0.6	10	3.0	0.41	VNMG 16 04 08
				5.984				*1.575*	*2.441*	*.024*	*145*			*VNMG 332*
			C5	170.0	70°	3	C5-DVVNN-00065-16	50	65.0	0.6	10	3.0	0.63	VNMG 16 04 08
				6.693				*1.969*	*2.559*	*.024*	*145*			*VNMG 332*
			C6	190.0	70°	3	C6-DVVNN-00065-16	63	65.0	0.6	10	3.0	1.03	VNMG 16 04 08
				7.480				*2.480*	*2.559*	*.024*	*145*			*VNMG 332*
			C8	250.0	70°	3	C8-DVVNN-00080-16	80	80.0	0.6	10	3.0	2.00	VNMG 16 04 08
				9.843				*3.150*	*3.150*	*.024*	*145*			*VNMG 332*

DMIN2 valid in combination with clamping unit R/LC2090.

N = Neutral

			Spare parts			
		CZC_{MS}	Shim screw	Shim	Clamp set	Nozzle
16	3/8	C4	5513 020-09	5322 269-01	5412 028-061	5691 034-01
16	3/8	C5-C8	5513 020-09	5322 269-01	5412 028-061	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

T-Max® P cutting unit for turning

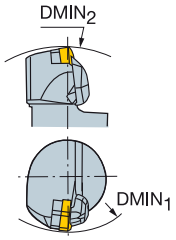
Rigid clamp design

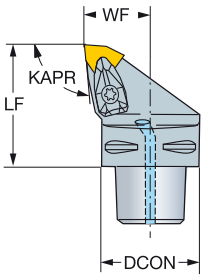
Coromant Capto® - Internal coolant supply

KAPR 95.0°
PSIR -5.0°

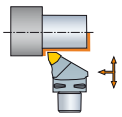








WNMM,
WNMG
WNGA, WNMA

								Dimensions, mm, inch						
			CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	06	3/8	C3	60.0	116.0	3	C3-DWLNR/L-22040-06	32	40.0	22.0	10	1.7	0.21	WNMG 06 04 08
				2.362	*4.567*			*1.260*	*1.575*	*.866*	*145*			*WNMG 332*
			C4	60.0	140.0	3	C4-DWLNR/L-27050-06	40	50.0	27.0	10	1.7	0.43	WNMG 06 04 08
				2.362	*5.512*			*1.575*	*1.969*	*1.063*	*145*			*WNMG 332*
			C5	65.0	165.0	3	C5-DWLNR/L-35060-06	50	60.0	35.0	10	1.7	0.74	WNMG 06 04 08
				2.559	*6.496*			*1.969*	*2.362*	*1.378*	*145*			*WNMG 332*
			C6	81.0	190.0	3	C6-DWLNR/L-45065-06	63	65.0	45.0	10	1.7	1.33	WNMG 06 04 08
				3.189	*7.480*			*2.480*	*2.559*	*1.772*	*145*			*WNMG 332*
	08	1/2	C4	110.0	140.0	3	C4-DWLNR/L-27050-08	40	50.0	27.0	10	3.9	0.43	WNMG 08 04 08
				4.331	*5.512*			*1.575*	*1.969*	*1.063*	*145*			*WNMG 432*
			C5	110.0	165.0	3	C5-DWLNR/L-35060-08	50	60.0	35.0	10	3.9	0.74	WNMG 08 04 08
				4.331	*6.496*			*1.969*	*2.362*	*1.378*	*145*			*WNMG 432*
			C6	110.0	190.0	3	C6-DWLNR/L-45065-08	63	65.0	45.0	10	3.9	1.34	WNMG 08 04 08
				4.331	*7.480*			*2.480*	*2.559*	*1.772*	*145*			*WNMG 432*
			C8	110.0	250.0	3	C8-DWLNR/L-55080-08	80	80.0	55.0	10	3.9	2.58	WNMG 08 04 08
				4.331	*9.843*			*3.150*	*3.150*	*2.165*	*145*			*WNMG 432*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

			Spare parts			
		CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
06	3/8	C3	5513 020-04	5322 328-01	5412 028-011	
06	3/8	C4	5513 020-04	5322 328-01	5412 028-011	5691 034-01
06	3/8	C5-C6	5513 020-04	5322 328-01	5412 028-011	5691 045-01
08	1/2	C4	5513 020-02	5322 331-12	5412 028-021	5691 034-01
08	1/2	C5-C8	5513 020-02	5322 331-12	5412 028-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

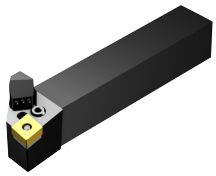
A174 F2 E3 G2 H37 H10 H5

T-Max® P shank tool for turning

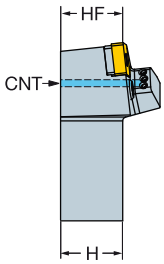
Lever clamp design

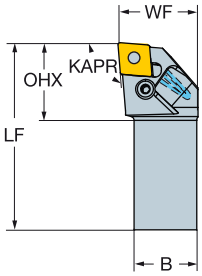
Precision coolant supply

KAPR 95.0°
PSIR -5.0°



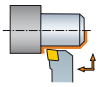




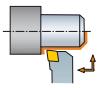


CNMM
CNMG
CNMA, CNGA

Metric version

		CZC_{MS}	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CNT	BAR	NM	KG	MIID
	12	20 x 20	27.2	1	**PCLNR/L 2020K 12HP**	20.0	20.0	125.0	25.0	20.0	G1/8	275	5.0	0.45	CNMG 12 04 08
		25 x 25	31.3	1	**PCLNR/L 2525M 12HP**	25.0	25.0	150.0	32.0	25.0	G1/8	275	5.0	0.77	CNMG 12 04 08
		32 x 25	30.1	1	**PCLNR/L 3225P 12HP**	25.0	32.0	170.0	32.0	32.0	G1/8	275	5.0	1.09	CNMG 12 04 08
		32 x 32	31.3	1	**PCLNR/L 3232P 12HP**	32.0	32.0	170.0	40.0	32.0	G1/8	275	5.0	1.37	CNMG 12 04 08
	16	25 x 25	32.6	1	**PCLNR/L 2525M 16HP**	25.0	25.0	150.0	32.0	25.0	G1/8	275	5.0	0.78	CNMG 16 06 12
		32 x 32	33.9	1	**PCLNR/L 3232P 16HP**	32.0	32.0	170.0	40.0	32.0	G1/8	275	5.0	1.38	CNMG 16 06 12

Inch version

		CZC_{MS}	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	1/2	3/4 x 3/4	1.232	1	**PCLNR/L 12 4BHP**	.750	.750	4.500	.984	.750	G1/8	3988	3.7	0.833	CNMG 432
		1 x 1	1.232	1	**PCLNR/L 16 4DHP**	1.000	1.000	6.000	1.252	1.000	G1/8	3988	3.7	1.452	CNMG 432
		1 1/4 x 1 1/4	1.185	1	**PCLNR/L 20 4DHP**	1.250	1.250	6.000	1.500	1.250	G1/8	3988	3.7	2.634	CNMG 432

R = Right hand, L = Left hand

		Spare parts				
	IC	Lever	Screw	Shim	Shim pin	Nozzle
12	1/2	174.3-841M	174.3-821	171.31-850M	174.3-861	5691 026-13
16	5/8	438.3-840	438.3-831	171.31-852	174.3-864	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

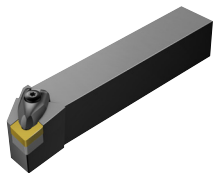
A174 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

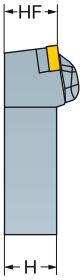
T-Max® P shank tool for turning

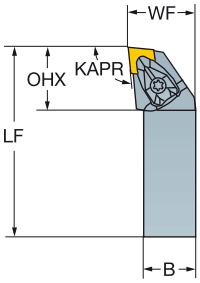
Rigid clamp design

KAPR 95.0°
PSIR -5.0°



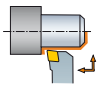






CNMM
CNMG
CNMA, CNGA

Metric version

		CZC$_{MS}$	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	09	16 x 16	24.8	**DCLNR/L 1616H 09**	16.0	16.0	100.0	20.0	16.0	1.7	0.22	CNMG 09 03 08
		20 x 20	24.8	**DCLNR/L 2020K 09**	20.0	20.0	125.0	25.0	20.0	1.7	0.43	CNMG 09 03 08
		25 x 25	24.8	**DCLNR/L 2525M 09**	25.0	25.0	150.0	32.0	25.0	1.7	0.75	CNMG 09 03 08
	12	16 x 16	32.2	**DCLNR/L 1616H 12**	16.0	16.0	100.0	20.0	16.0	3.9	0.26	CNMG 12 04 08
		20 x 20	32.0	**DCLNR/L 2020K 12**	20.0	20.0	125.0	25.0	20.0	3.9	0.44	CNMG 12 04 08
		25 x 25	32.0	**DCLNR/L 2525M 12**	25.0	25.0	150.0	32.0	25.0	3.9	0.77	CNMG 12 04 08
		32 x 25	32.0	**DCLNR/L 3225P 12**	25.0	32.0	170.0	32.0	32.0	3.9	1.11	CNMG 12 04 08
		32 x 32	32.2	**DCLNR/L 3232P 12**	32.0	32.0	170.0	40.0	32.0	3.9	1.38	CNMG 12 04 08
	16	25 x 25	39.0	**DCLNR/L 2525M 16**	25.0	25.0	150.0	32.0	25.0	6.4	0.81	CNMG 16 06 12
		32 x 25	39.0	**DCLNR/L 3225P 16**	25.0	32.0	170.0	32.0	32.0	6.4	1.13	CNMG 16 06 12
		32 x 32	39.0	**DCLNR/L 3232P 16**	32.0	32.0	170.0	40.0	32.0	6.4	1.41	CNMG 16 06 12
	19	25 x 25	43.7	**DCLNR/L 2525M 19**	25.0	25.0	150.0	32.0	25.0	6.4	0.82	CNMG 19 06 12
		32 x 32	43.2	**DCLNR/L 3232P 19**	32.0	32.0	170.0	40.0	32.0	6.4	1.41	CNMG 19 06 12

R = Right hand, L = Left hand

		Spare parts		
	CZC$_{MS}$	Shim screw	Shim	Clamp set
09	16 x 16-25 x 25	5513 020-04	5322 236-04	5412 028-011
12	16 x 16	5513 020-02	5322 236-03	5412 028-021
12	20 x 20-32 x 32	5513 020-02	5322 234-01	5412 028-021
16	25 x 25-32 x 32	5513 020-07	5322 234-04	5412 028-031
19	25 x 25-32 x 32	5513 020-07	5322 236-01	5412 028-041

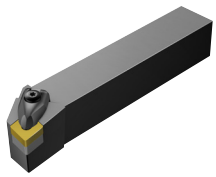
For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 H37 H10

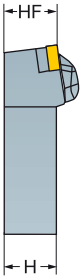
T-Max® P shank tool for turning

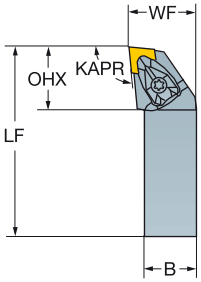
Rigid clamp design

KAPR 95.0°
PSIR -5.0°



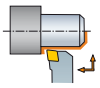






CNMM
CNMG
CNMA, CNGA

Inch version

	IC	CZC_{MS}	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	1 x 1	.980	**DCLNR/L 16 3D**	1.000	1.000	6.000	1.250	1.000	1.3	1.717	CNMG 322
	1/2	5/8 x 5/8	1.260	**DCLNR/L 10 4A**	.625	.625	4.000	.867	.625	2.9	0.616	CNMG 432
		3/4 x 3/4	1.260	**DCLNR/L 12 4B**	.750	.750	4.500	1.000	.750	2.9	0.825	CNMG 432
		1 x 1	1.260	**DCLNR/L 16 4C**	1.000	1.000	5.000	1.250	1.000	2.9	1.485	CNMG 432
		1 x 1	1.260	**DCLNR/L 16 4D**	1.000	1.000	6.000	1.250	1.000	2.9	1.804	CNMG 432
		1 1/4 x 1	1.260	**DCLNR 85 4D**	1.000	1.250	6.000	1.250	1.250	2.9	2.196	CNMG 432
		1 1/4 x 1 1/4	1.260	**DCLNR/L 20 4D**	1.250	1.250	6.000	1.500	1.250	2.9	2.644	CNMG 432
		1 1/2 x 1 1/2	1.260	**DCLNR/L 24 4D**	1.500	1.500	6.000	2.000	1.500	2.9	3.740	CNMG 432
	5/8	1 x 1	1.540	**DCLNR/L 16 5D**	1.000	1.000	6.000	1.250	1.000	4.7	1.821	CNMG 543
		1 1/4 x 1 1/4	1.540	**DCLNR/L 20 5D**	1.250	1.250	6.000	1.500	1.250	4.7	2.699	CNMG 543
		1 1/2 x 1 1/2	1.540	**DCLNR/L 24 5D**	1.500	1.500	6.000	2.000	1.500	4.7	3.784	CNMG 543
	3/4	1 1/4 x 1 1/4	1.700	**DCLNR/L 20 6D**	1.250	1.250	6.000	1.500	1.250	4.7	2.719	CNMG 643
		1 1/2 x 1 1/2	1.700	**DCLNR/L 24 6D**	1.500	1.500	6.000	2.000	1.500	4.7	3.810	CNMG 643

R = Right hand, L = Left hand

		Spare parts		
IC	CZC_{MS}	Shim screw	Shim	Clamp set
3/8	1 x 1	5513 020-04	5322 236-04	5412 028-011
1/2	5/8 x 5/8	5513 020-02	5322 236-03	5412 028-021
1/2	3/4 x 3/4-1 1/2 x 1 1/2	5513 020-02	5322 234-01	5412 028-021
5/8	1 x 1	5513 020-07	5322 234-03	5412 028-031
5/8	1 1/4 x 1 1/4-1 1/2 x 1 1/2	5513 020-07	5322 234-04	5412 028-031
3/4	1 1/4 x 1 1/4-1 1/2 x 1 1/2	5513 020-07	5322 236-01	5412 028-041

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3



H37



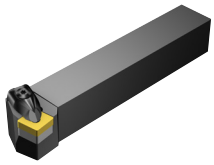
H10

SANDVIK Coromant

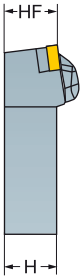
T-Max® P shank tool for turning

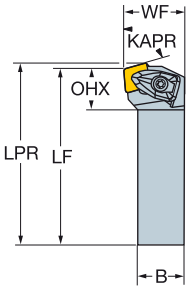
Rigid clamp design

KAPR 75.0°
PSIR 15.0°



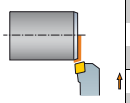




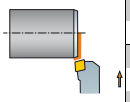


CNMM
CNMG
CNMA, CNGA

Metric version

		CZC$_{MS}$	OHX	Ordering code	Dimensions, mm B	H	LPR	LF	WF	HF	NM	KG	MIID
	12	20 x 20	21.2	**DCKNR/L 2020K 12**	20.0	20.0	128.1	125.0	25.0	20.0	3.9	0.46	CNMG 12 04 08
		25 x 25	21.2	**DCKNR/L 2525M 12**	25.0	25.0	153.1	150.0	32.0	25.0	3.9	0.80	CNMG 12 04 08
		32 x 25	21.3	**DCKNR/L 3225P 12**	25.0	32.0	173.1	170.0	32.0	32.0	3.9	1.10	CNMG 12 04 08
	16	32 x 32	27.1	**DCKNR/L 3232P 16**	32.0	32.0	173.8	170.0	40.0	32.0	6.4	1.44	CNMG 16 06 12

Inch version

		CZC$_{MS}$	OHX	Ordering code	Dimensions, inch B	H	LPR	LF	WF	HF	FT/LBS	LBS	MIID
	1/2	3/4 x 3/4	.748	**DCKNR/L 12 4B**	.750	.750	4.622	4.500	.855	.750	2.9	0.836	CNMG 432
		1 x 1	.839	**DCKNR/L 16 4D**	1.000	1.000	6.122	6.000	1.250	1.000	2.9	1.760	CNMG 432
	5/8	1 1/4 x 1 1/4	1.063	**DCKNR/L 20 5D**	1.250	1.250	6.150	6.000	1.500	1.250	4.7	2.806	CNMG 543

R = Right hand, L = Left hand

Metric version

		Spare parts		
	CZC$_{MS}$	Shim screw	Shim	Clamp set
12	20 x 20-32 x 25	5513 020-02	5322 234-01	5412 028-021
16	32 x 32	5513 020-07	5322 234-03	5412 028-031

Inch version

		Spare parts		
	CZC$_{MS}$	Shim screw	Shim	Clamp set
1/2	3/4 x 3/4-1 x 1	5513 020-02	5322 234-01	5412 028-021
5/8	1 1/4 x 1 1/4	5513 020-07	5322 234-04	5412 028-031

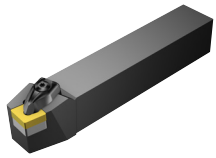
For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 H37 H10

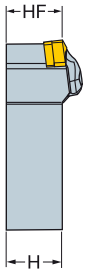
T-Max® P shank tool for turning

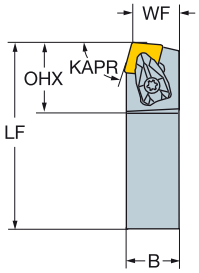
Rigid clamp design

KAPR 75.0°
PSIR 15.0°









CNMM
CNMG
CNMA, CNGA

Metric version

		CZC$_{MS}$	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	12	20 x 20	34.2	**DCBNR/L 2020K 12**	20.0	20.0	125.0	17.0	20.0	3.9	0.43	CNMG 12 04 08
		25 x 25	34.6	**DCBNR/L 2525M 12**	25.0	25.0	150.0	22.0	25.0	3.9	0.76	CNMG 12 04 08
		32 x 25	34.6	**DCBNR/L 3225P 12**	25.0	32.0	170.0	22.0	32.0	3.9	1.09	CNMG 12 04 08
		32 x 32	34.2	**DCBNR/L 3232P 12**	32.0	32.0	170.0	27.0	32.0	3.9	1.35	CNMG 12 04 08
	16	25 x 25	41.5	**DCBNR/L 2525M 16**	25.0	25.0	150.0	22.0	25.0	6.4	0.79	CNMG 16 06 12
		32 x 25	32.0	**DCBNR/L 3225P 16**	25.0	32.0	170.0	22.0	32.0	6.4	1.11	CNMG 16 06 12
		32 x 32	41.6	**DCBNR/L 3232P 16**	32.0	32.0	170.0	27.0	32.0	6.4	1.39	CNMG 16 06 12
	19	32 x 32	46.1	**DCBNR/L 3232P 19**	32.0	32.0	170.0	27.0	32.0	6.4	1.39	CNMG 19 06 12

R = Right hand, L = Left hand

		Spare parts		
 CZC$_{MS}$		Shim screw	Shim	Clamp set
12	20 x 20-32 x 32	5513 020-02	5322 234-01	5412 028-021
16	25 x 25-32 x 32	5513 020-07	5322 234-04	5412 028-031
19	32 x 32	5513 020-07	5322 236-01	5412 028-041

For the complete list of spare parts, visit www.sandvik.coromant.com

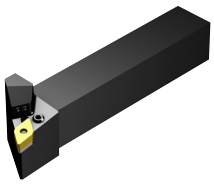
A174 F2 E3 H37 H10

T-Max® P shank tool for turning

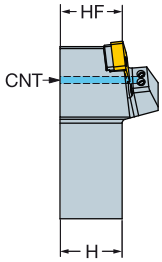
Lever clamp design

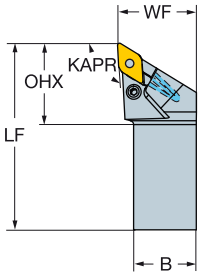
Precision coolant supply

KAPR 93.0°
PSIR -3.0°









DNMM, DNMX
DNMG
DNMA, DNGA

Metric version

		CZC$_{MS}$	RMPX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CNT	BAR	NM	KG	MIID
	11	16 x 16	27°	36.9	1	PDJNR/L 1616H 11HP	16.0	16.0	100.0	20.0	16.0	G1/8	275	2.0	0.24	DNMG 11 04 08
		20 x 20	27°	36.4	1	PDJNR/L 2020K 11HP	20.0	20.0	125.0	25.0	20.0	G1/8	275	2.0	0.42	DNMG 11 04 08
		25 x 25	27°	32.8	1	PDJNR/L 2525M 11HP	25.0	25.0	150.0	32.0	25.0	G1/8	275	2.0	0.75	DNMG 11 04 08
	15	20 x 20	27°	42.7	1	PDJNR/L 2020K 15HP	20.0	20.0	125.0	25.0	20.0	G1/8	275	5.0	0.43	DNMG 15 06 08
		25 x 25	27°	38.4	1	PDJNR/L 2525M 15HP	25.0	25.0	150.0	32.0	25.0	G1/8	275	5.0	0.75	DNMG 15 06 08
		32 x 25	27°	38.4	1	PDJNR/L 3225P 15HP	25.0	32.0	170.0	32.0	32.0	G1/8	275	5.0	1.07	DNMG 15 06 08
		32 x 32	27°	41.6	1	PDJNR/L 3232P 15HP	32.0	32.0	170.0	40.0	32.0	G1/8	275	5.0	1.33	DNMG 15 06 08

Inch version

		IC	CZC$_{MS}$	RMPX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	1 x 1		27°	1.291	1	PDJNR/L 16 3DHP	1.000	1.000	6.000	1.252	1.000	G1/8	3988	1.5	1.712	DNMG 332
	1/2	3/4 x 3/4		27°	1.681	1	PDJNR/L 12 4BHP	.750	.750	4.500	1.000	.750	G1/8	3988	3.7	0.795	DNMG 432
		1 x 1		27°	1.512	1	PDJNR/L 16 4DHP	1.000	1.000	6.000	1.252	1.000	G1/8	3988	3.7	1.711	DNMG 432
		1 1/4 x 1 1/4		27°	1.638	1	PDJNR/L 20 4DHP	1.250	1.250	5.906	1.500	1.250	G1/8	3988	3.7	2.532	DNMG 432

R = Right hand, L = Left hand

Metric version

		Spare parts				
CZC$_{MS}$		Lever	Screw	Shim	Shim pin	Nozzle
11	16 x 16-20 x 20	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
11	25 x 25	5432 001-01	174.3-820M	5322 255-01	174.3-861	5691 026-13
15	20 x 20-32 x 32	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-13

Inch version

		Spare parts				
IC / CZC$_{MS}$		Lever	Screw	Shim	Shim pin	Nozzle
3/8	1 x 1	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
1/2	3/4 x 3/4-1 1/4 x 1 1/4	174.3-847M	174.3-830	171.35-856	174.3-867	5691 026-13

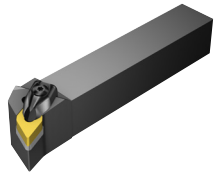
For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

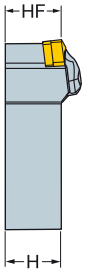
T-Max® P shank tool for turning

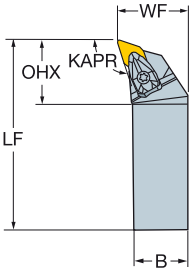
Rigid clamp design

KAPR 107.5°
PSIR -17.5°









DNMM, DNMX
DNMG
DNMA, DNGA

Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	15	20 x 20	12°	36.1	**DDHNR/L 2020K 15**	20.0	20.0	125.0	25.0	20.0	3.9	0.42	DNMG 15 06 08
		25 x 25	12°	36.1	**DDHNR/L 2525M 15**	25.0	25.0	150.0	32.0	25.0	3.9	0.76	DNMG 15 06 08
		25 x 25	12°	36.1	**DDHNR/L 2525M 1504**	25.0	25.0	150.0	32.0	25.0	3.9	0.77	DNMG 15 04 08
		32 x 25	12°	36.1	**DDHNR/L 3225P 15**	25.0	32.0	170.0	32.0	32.0	3.9	1.09	DNMG 15 06 08
		32 x 32	12°	36.1	**DDHNR/L 3232P 15**	32.0	32.0	170.0	40.0	32.0	3.9	1.35	DNMG 15 06 08

RMPX

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

R = Right hand, L = Left hand

	Spare parts		
Ordering code	Shim screw	Shim	Clamp set
DDHNR/L 2020K 15	5513 020-02	5322 266-02	5412 028-021
DDHNR/L 2525M 15	5513 020-02	5322 266-02	5412 028-021
DDHNR/L 2525M 1504	5513 020-02	5322 266-01	5412 028-021
DDHNR/L 3225P 15	5513 020-02	5322 266-02	5412 028-021
DDHNR/L 3232P 15	5513 020-02	5322 266-02	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com

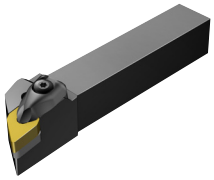
 A174
 F2
 E3
 H37
 H10

SANDVIK Coromant

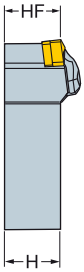
T-Max® P shank tool for turning

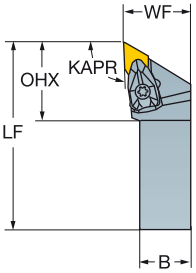
Rigid clamp design

KAPR 93.0°
PSIR -3.0°



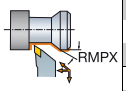






DNMM, DNMX
DNMG
DNMA, DNGA

Metric version

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	11	16 x 16	27°	30.1	**DDJNR/L 1616H 11**	16.0	16.0	100.0	20.0	16.0	1.7	0.22	DNMG 11 04 08
		20 x 20	27°	30.2	**DDJNR/L 2020K 11**	20.0	20.0	125.0	25.0	20.0	1.7	0.40	DNMG 11 04 08
		25 x 25	27°	30.2	**DDJNR/L 2525M 11**	25.0	25.0	150.0	32.0	25.0	1.7	0.73	DNMG 11 04 08
	15	20 x 20	27°	39.4	**DDJNR/L 2020K 15**	20.0	20.0	125.0	25.0	20.0	3.9	0.43	DNMG 15 06 08
		20 x 20	27°	39.4	**DDJNR/L 2020K 1504**	20.0	20.0	125.0	25.0	20.0	3.9	0.43	DNMG 15 04 08
		25 x 25	27°	39.4	**DDJNR/L 2525M 15**	25.0	25.0	150.0	32.0	25.0	3.9	0.75	DNMG 15 06 08
		25 x 25	27°	39.4	**DDJNR/L 2525M 1504**	25.0	25.0	150.0	32.0	25.0	3.9	0.75	DNMG 15 04 08
		32 x 25	27°	39.4	**DDJNR/L 3225P 15**	25.0	32.0	170.0	32.0	32.0	3.9	1.06	DNMG 15 06 08
		32 x 25	27°	39.4	**DDJNR/L 3225P 1504**	25.0	32.0	170.0	32.0	32.0	3.9	1.08	DNMG 15 04 08
		32 x 32	27°	39.4	**DDJNR/L 3232P 15**	32.0	32.0	170.0	40.0	32.0	3.9	1.33	DNMG 15 06 08

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

R = Right hand, L = Left hand

	Spare parts		
Ordering code	Shim screw	Shim	Clamp set
DDJNR/L 1616H 11	5513 020-04	5322 267-01	5412 028-011
DDJNR/L 2020K 11	5513 020-04	5322 267-01	5412 028-011
DDJNR/L 2525M 11	5513 020-04	5322 267-01	5412 028-011
DDJNR/L 2020K 15	5513 020-02	5322 266-02	5412 028-021
DDJNR/L 2020K 1504	5513 020-02	5322 266-01	5412 028-021
DDJNR/L 2525M 15	5513 020-02	5322 266-02	5412 028-021
DDJNR/L 2525M 1504	5513 020-02	5322 266-01	5412 028-021
DDJNR/L 3225P 15	5513 020-02	5322 266-02	5412 028-021
DDJNR/L 3225P 1504	5513 020-02	5322 266-01	5412 028-021
DDJNR/L 3232P 15	5513 020-02	5322 266-02	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3



H37

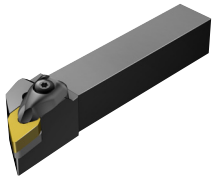


H10

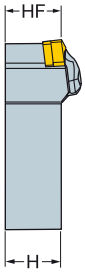
T-Max® P shank tool for turning

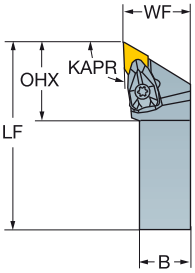
Rigid clamp design

KAPR 93.0°
PSIR -3.0°









DNMM, DNMX
DNMG
DNMA, DNGA

Inch version

	IC	CZC_{MS}	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	5/8 x 5/8	27°	1.200	**DDJNR/L 10 3A**	.625	.625	4.000	.875	.625	1.3	0.483	DNMG 332
		3/4 x 3/4	27°	1.190	**DDJNR/L 12 3C**	.750	.750	5.000	1.000	.750	1.3	0.792	DNMG 332
		1 x 1	27°	1.190	**DDJNR/L 16 3D**	1.000	1.000	6.000	1.250	1.000	1.3	1.661	DNMG 332
	1/2	3/4 x 3/4	27°	1.450	**DDJNR/L 12 4B**	.750	.750	4.500	1.000	.750	2.9	0.789	DNMG 432
		1 x 1	27°	1.550	**DDJNR/L 16 4C**	1.000	1.000	5.000	1.250	1.000	2.9	1.415	DNMG 432
		1 x 1	27°	1.550	**DDJNR/L 16 4D**	1.000	1.000	6.000	1.250	1.000	2.9	1.705	DNMG 432
		1 1/4 x 1 1/4	27°	1.550	**DDJNR/L 20 4D**	1.250	1.250	6.000	1.500	1.250	2.9	2.582	DNMG 432
		1 1/2 x 1 1/2	27°	1.550	**DDJNR/L 24 4D**	1.500	1.500	6.000	2.000	1.500	2.9	3.652	DNMG 432

RMPX

R = Right hand, L = Left hand

		Spare parts		
IC	CZC_{MS}	Shim screw	Shim	Clamp set
3/8	5/8 x 5/8-1 x 1	5513 020-04	5322 267-01	5412 028-011
1/2	3/4 x 3/4-1 1/2 x 1 1/2	5513 020-02	5322 266-01	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com

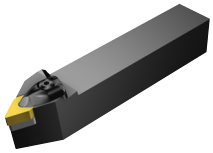
A174 F2 E3 H37 H10

SANDVIK Coromant

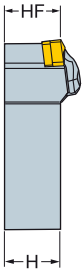
T-Max® P shank tool for turning

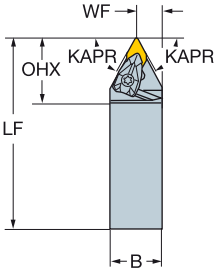
Rigid clamp design

KAPR 62.5°
PSIR 27.5°



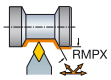






DNMM, DNMX
DNMG
DNMA, DNGA

Metric version

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	11	20 x 20	57°	31.2	**DDNNN 2020K 11**	20.0	20.0	125.0	10.5	20.0	1.7	0.39	DNMG 11 04 08
		25 x 25	57°	31.2	**DDNNN 2525M 11**	25.0	25.0	150.0	13.0	25.0	1.7	0.72	DNMG 11 04 08
	15	25 x 25	57°	40.8	**DDNNN 2525M 15**	25.0	25.0	150.0	13.0	25.0	3.9	0.72	DNMG 15 06 08
		25 x 25	57°	40.8	**DDNNN 2525M 1504**	25.0	25.0	150.0	13.0	25.0	3.9	0.72	DNMG 15 04 08
		32 x 25	57°	40.8	**DDNNN 3225P 15**	25.0	32.0	170.0	13.0	32.0	3.9	1.03	DNMG 15 06 08
		32 x 32	57°	40.8	**DDNNN 3232P 15**	32.0	32.0	170.0	16.5	32.0	3.9	1.28	DNMG 15 06 08

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

N = Neutral

	Spare parts		
Ordering code	Shim screw	Shim	Clamp set
DDNNN 2020K 11	5513 020-04	5322 267-01	5412 028-011
DDNNN 2525M 11	5513 020-04	5322 267-01	5412 028-011
DDNNN 2525M 15	5513 020-02	5322 266-02	5412 028-021
DDNNN 2525M 1504	5513 020-02	5322 266-01	5412 028-021
DDNNN 3225P 15	5513 020-02	5322 266-02	5412 028-021
DDNNN 3232P 15	5513 020-02	5322 266-02	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3



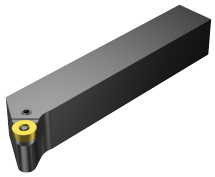
H37



H10

T-Max® P shank tool for turning

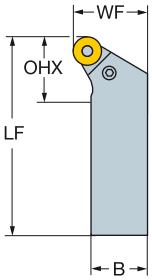
Lever clamp design



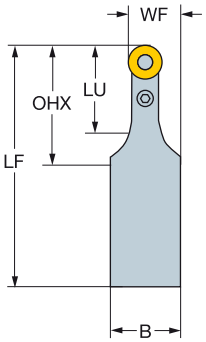


PRGCR/L



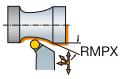


PRDCN



RCMX
RCMT
RCGX AL

Metric version

		CZC_{MS}	LU	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	10	20 x 20	25.0	90°	30.0	PRDCN 2020K 10	20.0	20.0	125.0	15.0	20.0	2.0	0.37	RCMX 10 03 00
	12	25 x 25	28.0	90°	33.0	PRDCN 2525M 12	25.0	25.0	150.0	18.5	25.0	4.0	0.67	RCMX 12 04 00
		32 x 25	28.0	90°	33.0	PRDCN 3225P 12	25.0	32.0	170.0	18.5	32.0	4.0	0.98	RCMX 12 04 00
	16	32 x 25	35.0	90°	40.0	PRDCN 3225P 16	25.0	32.0	170.0	20.5	32.0	4.0	0.98	RCMX 16 06 00
	20	32 x 32	40.0	90°	45.0	PRDCN 3232P 20	32.0	32.0	170.0	26.0	32.0	8.0	1.23	RCMX 20 06 00
	10	20 x 20		27°	20.8	PRGCR/L 2020K 10	20.0	20.0	125.0	25.0	20.0	2.0	0.40	RCMX 10 03 00
		25 x 25		27°	27.2	PRGCR/L 2525M 10	25.0	25.0	150.0	32.0	25.0	2.0	0.76	RCMX 10 03 00
	12	20 x 20		27°	20.8	PRGCR/L 2020K 12	20.0	20.0	125.0	25.0	20.0	4.0	0.41	RCMX 12 04 00
		25 x 25		27°	27.2	PRGCR/L 2525M 12	25.0	25.0	150.0	32.0	25.0	4.0	0.76	RCMX 12 04 00
		32 x 25		27°	32.0	PRGCR/L 3225P 12	25.0	32.0	170.0	32.0	32.0	4.0	1.07	RCMX 12 04 00
	16	25 x 25		27°	27.2	PRGCR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	4.0	0.76	RCMX 16 06 00
		32 x 25		27°	33.2	PRGCR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	4.0	1.08	RCMX 16 06 00
	20	32 x 32		27°	38.0	PRGCR/L 3232P 20	32.0	32.0	170.0	40.0	32.0	8.0	1.35	RCMX 20 06 00

N = Neutral, R = Right hand, L = Left hand

	Spare parts			
CZC_{MS}	Lever	Screw	Shim	Shim pin
10	20 x 20-25 x 25	176.39-840	174.3-834	176.39-850	174.3-860
12	20 x 20-32 x 25	5432 005-01	174.3-820M	176.39-851	174.3-863
16	25 x 25-32 x 25	176.39-842	174.3-833	176.39-852	174.3-867
20	32 x 32	176.39-843	174.3-825	176.39-853	174.3-864

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3



H37

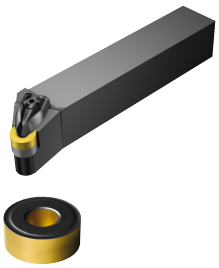


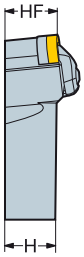
H10

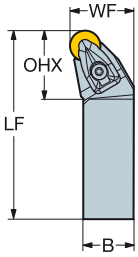
SANDVIK Coromant

T-Max® P shank tool for turning

Rigid clamp design

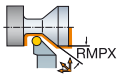




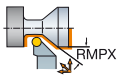


RNMG
RNGA

Metric version

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	12	25 x 25	40°	31.6	**DRSNR/L 2525M 12**	25.0	25.0	150.0	32.0	25.0	3.9	0.74	RNMG 12 04 00
	15	32 x 25	40°	38.5	**DRSNR/L 3225P 15**	25.0	32.0	170.0	32.0	32.0	6.4	1.04	RNMG 15 06 00
	19	32 x 32	40°	42.6	**DRSNR/L 3232P 19**	32.0	32.0	170.0	40.0	32.0	6.4	1.34	RNMG 19 06 00

Inch version

						Dimensions, inch							
	IC	CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	40°	.984	**DRSNR 12 3B**	.750	.750	4.500	1.000	.750	1.3	0.726	RNMG 32
	1/2	1 x 1	40°	1.244	**DRSNR/L 16 4D**	1.000	1.000	6.000	1.252	1.000	2.9	1.408	RNMG 43
		1 1/4 x 1 1/4	40°	1.244	**DRSNR/L 20 4D**	1.250	1.250	6.000	1.500	1.252	2.9	2.534	RNMG 43

R = Right hand, L = Left hand

Metric version

		Spare parts		
	CZC_{MS}	Shim screw	Shim	Clamp set
12	25 x 25	5513 020-02	5322 155-02	5412 028-021
15	32 x 25	5513 020-07	5322 155-04	5412 028-031
19	32 x 32	5513 020-07	5322 155-06	5412 028-041

Inch version

		Spare parts		
IC	CZC_{MS}	Shim screw	Shim	Clamp set
3/8	3/4 x 3/4	5513 020-04	5322 156-01	5412 028-011
1/2	1 x 1-1 1/4 x 1 1/4	5513 020-02	5322 155-02	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3



H37

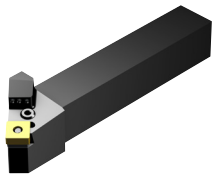


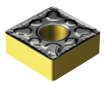
H10

T-Max® P shank tool for turning

Lever clamp design

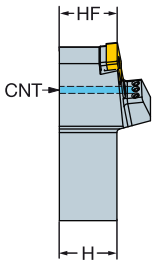
Precision coolant supply

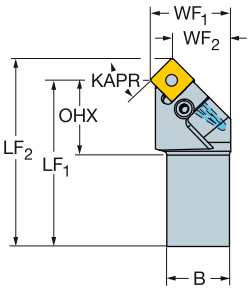




SNMM
SNMG
SNMA, SNGA

KAPR 45.0°
PSIR 45.0°





Metric version

		CZC$_{MS}$	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF	CNT	BAR	NM	KG	MIID
	12	20 x 20	30.6	1	PSSNR/L 2020K 12HP	20.0	20.0	125.0	133.3	25.0	16.7	20.0	G1/8	275	5.0	0.48	SNMG 12 04 08
		25 x 25	30.6	1	PSSNR/L 2525M 12HP	25.0	25.0	150.0	158.3	32.0	23.7	25.0	G1/8	275	5.0	0.79	SNMG 12 04 08
		32 x 25	30.6	1	PSSNR/L 3225P 12HP	25.0	32.0	170.0	178.3	32.0	23.7	32.0	G1/8	275	5.0	1.14	SNMG 12 04 08

Inch version

		CZC$_{MS}$	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF	CNT	PSI	FT/LBS	LBS	MIID
	1/2	3/4 x 3/4	1.205	1	PSSNR/L 12 4BHP	.750	.750	4.500	4.828	1.000	.672	.750	G1/8	3988	3.7	0.901	SNMG 432
		1 x 1	1.205	1	PSSNR/L 16 4DHP	1.000	1.000	6.000	6.328	1.252	.924	1.000	G1/8	3988	3.7	1.800	SNMG 432

R = Right hand, L = Left hand

Spare parts

Lever	Screw	Shim	Shim pin	Nozzle
174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

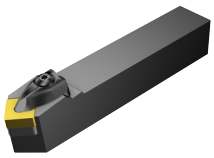
A174 F2 E3 G2 H37 H10 H5

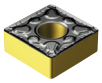
SANDVIK Coromant

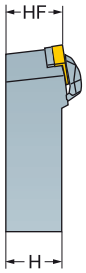
T-Max® P shank tool for turning

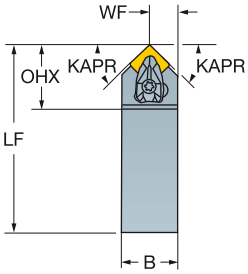
Rigid clamp design

KAPR 45.0°
PSIR 45.0°









SNMM
SNMG
SNMA, SNGA

Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	09	16 x 16	40°	28.1	DSDNN 1616H 09	16.0	16.0	100.0	8.3	16.0	1.7	0.21	SNMG 09 03 08
	12	20 x 20	40°	36.5	DSDNN 2020K 12	20.0	20.0	125.0	10.3	20.0	3.9	0.43	SNMG 12 04 08
		25 x 25	40°	36.5	DSDNN 2525M 12	25.0	25.0	150.0	12.8	25.0	3.9	0.75	SNMG 12 04 08
		32 x 25	40°	36.5	DSDNN 3225P 12	25.0	32.0	170.0	12.8	32.0	3.9	1.04	SNMG 12 04 08
		32 x 32	40°	36.8	DSDNN 3232P 12	32.0	32.0	170.0	16.3	32.0	3.9	1.32	SNMG 12 04 08
	15	25 x 25	40°	44.8	DSDNN 2525M 15	25.0	25.0	150.0	12.8	25.0	6.4	0.75	SNMG 15 06 12
	19	32 x 32	40°	49.5	DSDNN 3232P 19	32.0	32.0	170.0	16.5	32.0	6.4	1.36	SNMG 19 06 12

Inch version

	IC	CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	1/2	3/4 x 3/4	40°	1.450	DSDNN 12 4B	.750	.750	4.500	.386	.750	2.9	0.758	SNMG 432
		1 x 1	40°	1.450	DSDNN 16 4D	1.000	1.000	6.000	.512	1.000	2.9	1.704	SNMG 432
	5/8	1 x 1	40°	1.760	DSDNN 16 5D	1.000	1.000	6.000	.520	1.000	4.7	1.672	SNMG 543
		1 1/4 x 1 1/4	40°	1.760	DSDNN 20 5D	1.250	1.250	6.000	.646	1.250	4.7	2.602	SNMG 543
		1 1/2 x 1 1/2	40°	1.760	DSDNN 24 5D	1.500	1.500	6.000	.772	1.500	4.7	3.564	SNMG 543
	3/4	1 1/4 x 1 1/4	40°	1.969	DSDNN 20 6D	1.250	1.250	6.000	.646	1.250	4.7	2.616	SNMG 643

N = Neutral

Metric version

	Spare parts		
CZC$_{MS}$	Shim screw	Shim	Clamp set
09 16 x 16	5513 020-04	5322 426-01	5412 028-011
12 20 x 20-32 x 32	5513 020-02	5322 425-01	5412 028-021
15 25 x 25	5513 020-07	5322 425-03	5412 028-031
19 32 x 32	5513 020-07	5322 425-04	5412 028-041

Inch version

	Spare parts		
IC CZC$_{MS}$	Shim screw	Shim	Clamp set
1/2 3/4 x 3/4-1 x 1	5513 020-02	5322 425-01	5412 028-021
5/8 1 x 1-1 1/2 x 1 1/2	5513 020-07	5322 425-03	5412 028-031
3/4 1 1/4 x 1 1/4	5513 020-07	5322 425-04	5412 028-041

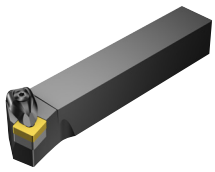
For the complete list of spare parts, visit www.sandvik.coromant.com

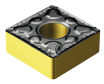
A174 F2 E3 H37 H10

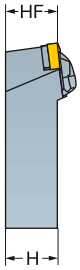
T-Max® P shank tool for turning

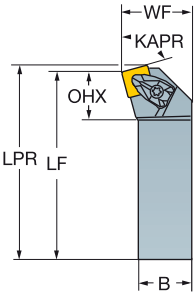
Rigid clamp design

KAPR 75.0°
PSIR 15.0°



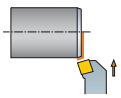




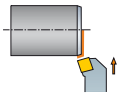


SNMM
SNMG
SNMA, SNGA

Metric version

	IC	CZC_{MS}	RMPX	OHX	Ordering code	Dimensions, mm B	H	LPR	LF	WF	HF	NM	KG	MIID
	12	25 x 25	10°	23.6	**DSKNR/L 2525M 12**	25.0	25.0	153.1	150.0	32.0	25.0	3.9	0.79	SNMG 12 04 08
		32 x 25	10°	23.7	**DSKNR/L 3225P 12**	25.0	32.0	173.1	170.0	32.0	32.0	3.9	1.13	SNMG 12 04 08

Inch version

	IC	CZC_{MS}	RMPX	OHX	Ordering code	Dimensions, inch B	H	LPR	LF	WF	HF	FT/LBS	LBS	MIID
	1/2	1 x 1	10°	.930	**DSKNR/L 16 4D**	1.000	1.000	6.120	6.000	1.250	1.000	2.9	1.793	SNMG 432

R = Right hand, L = Left hand

Spare parts		
Shim screw	Shim	Clamp set
5513 020-02	5322 425-01	5412 028-021

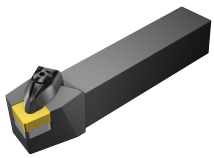
For the complete list of spare parts, visit www.sandvik.coromant.com

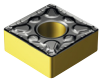
A174 F2 E3 H37 H10

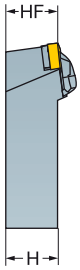
T-Max® P shank tool for turning

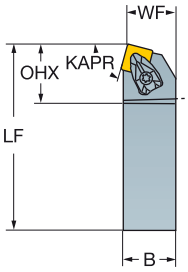
Rigid clamp design

KAPR 75.0°
PSIR 15.0°









SNMM
SNMG
SNMA, SNGA

Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	09	25 x 25	10°	26.7	DSBNR 2525M 09	25.0	25.0	150.0	22.0	25.0	1.7	0.74	SNMG 09 03 08
	12	20 x 20	10°	34.2	DSBNR/L 2020K 12	20.0	20.0	125.0	17.0	20.0	3.9	0.43	SNMG 12 04 08
		25 x 25	10°	34.3	DSBNR/L 2525M 12	25.0	25.0	150.0	22.0	25.0	3.9	0.75	SNMG 12 04 08
		32 x 25	10°	34.3	DSBNR/L 3225P 12	25.0	32.0	170.0	22.0	32.0	3.9	1.12	SNMG 12 04 08
	15	25 x 25	10°	41.6	DSBNR/L 2525M 15	25.0	25.0	150.0	22.0	25.0	6.4	0.79	SNMG 15 06 12
		32 x 32	10°	41.5	DSBNR/L 3232P 15	32.0	32.0	170.0	27.0	32.0	6.4	1.38	SNMG 15 06 12
	19	32 x 32	10°	46.4	DSBNR/L 3232P 19	32.0	32.0	170.0	27.0	32.0	6.4	1.38	SNMG 19 06 12

Inch version

		IC / CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	5/8 x 5/8	10°	1.050	DSRNR/L 10 3B	.625	.625	4.500	.783	.625	1.3	0.990	SNMG 322
	1/2	1 x 1	10°	1.350	DSRNR/L 16 4DM1	1.000	1.000	6.000	1.048	1.000	2.9	1.720	SNMG 432
	5/8	1 1/4 x 1 1/4	10°	1.640	DSRNR/L 20 5D	1.250	1.250	6.000	1.291	1.250	4.7	2.692	SNMG 543
	3/4	1 1/4 x 1 1/4	10°	1.830	DSRNR/L 20 6DM1	1.250	1.250	6.000	1.292	1.250	4.7	2.728	SNMG 643
		1 1/2 x 1 1/2	10°	1.830	DSRNR/L 24 6D	1.500	1.500	6.000	1.697	1.500	4.7	3.799	SNMG 643

M1 in the end of the ordering code = Modified WF dimension to follow ANSI-standard.

R = Right hand, L = Left hand

Metric version

		Spare parts		
	CZC$_{MS}$	Shim screw	Shim	Clamp set
09	25 x 25	5513 020-04	5322 426-01	5412 028-011
12	20 x 20-32 x 25	5513 020-02	5322 425-01	5412 028-021
15	25 x 25	5513 020-07	5322 425-05	5412 028-031
15	32 x 32	5513 020-07	5322 425-03	5412 028-031
19	32 x 32	5513 020-07	5322 425-04	5412 028-041

Inch version

		Spare parts		
IC	CZC$_{MS}$	Shim screw	Shim	Clamp set
3/8	5/8 x 5/8	5513 020-04	5322 426-01	5412 028-011
1/2	1 x 1	5513 020-02	5322 425-01	5412 028-021
5/8	1 1/4 x 1 1/4	5513 020-07	5322 425-03	5412 028-031
3/4	1 1/4 x 1 1/4-1 1/2 x 1 1/2	5513 020-07	5322 425-04	5412 028-041

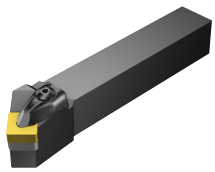
For the complete list of spare parts, visit www.sandvik.coromant.com

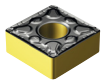
A174 F2 E3 H37 H10

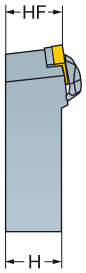
T-Max® P shank tool for turning

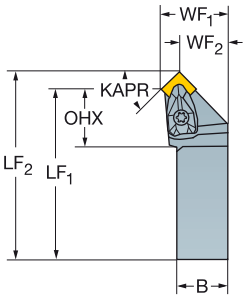
Rigid clamp design

KAPR 45.0°
PSIR 45.0°









SNMM
SNMG
SNMA, SNGA

Metric version

					Dimensions, mm									
	IC	CZC_{MS}	OHX	Ordering code	B	H	LF_1	LF_2	WF_1	WF_2	HF	NM	KG	MIID
	12	20 x 20	27.5	DSSNR/L 2020K 12	20.0	20.0	125.0	133.3	25.0	16.7	20.0	3.9	0.33	SNMG 12 04 08
		25 x 25	27.5	DSSNR/L 2525M 12	25.0	25.0	150.0	158.3	32.0	23.7	25.0	3.9	0.80	SNMG 12 04 08
		32 x 25	27.4	DSSNR/L 3225P 12	25.0	32.0	170.0	178.3	32.0	23.7	32.0	3.9	1.13	SNMG 12 04 08
		32 x 32	27.4	DSSNR/L 3232P 12	32.0	32.0	170.0	178.3	40.0	31.7	32.0	3.9	1.40	SNMG 12 04 08
	15	25 x 25	32.0	DSSNR/L 2525M 15	25.0	25.0	150.0	160.2	32.0	21.8	25.0	6.4	0.90	SNMG 15 06 12
		32 x 25	33.1	DSSNR/L 3225P 15	25.0	32.0	170.0	180.2	32.0	21.8	32.0	6.4	1.16	SNMG 15 06 12
		32 x 32	33.1	DSSNR/L 3232P 15	32.0	32.0	170.0	180.2	40.0	29.8	32.0	6.4	1.44	SNMG 15 06 12
	19	32 x 32	37.0	DSSNR/L 3232P 19	32.0	32.0	170.0	182.5	40.0	27.5	32.0	6.4	1.47	SNMG 19 06 12

Inch version

					Dimensions, inch									
	IC	CZC_{MS}	OHX	Ordering code	B	H	LF_1	LF_2	WF_1	WF_2	HF	FT/LBS	LBS	MIID
	1/2	3/4 x 3/4	1.134	DSSNR/L 12 4B	.750	.750	4.500	4.828	1.000	.672	.750	2.9	0.850	SNMG 432
		1 x 1	1.075	DSSNR/L 16 4D	1.000	1.000	6.000	6.328	1.250	.922	1.000	2.9	1.805	SNMG 432
	3/4	1 1/4 x 1 1/4	1.413	DSSNR/L 20 6D	1.250	1.250	6.000	6.491	1.500	1.009	1.250	4.7	2.816	SNMG 643
		1 1/2 x 1 1/2	1.484	DSSNR/L 24 6E	1.500	1.500	7.000	7.491	2.000	1.509	1.500	4.7	4.752	SNMG 643

R = Right hand, L = Left hand

Metric version

		Spare parts		
	CZC_{MS}	Shim screw	Shim	Clamp set
12	20 x 20-32 x 32	5513 020-02	5322 425-01	5412 028-021
15	25 x 25-32 x 32	5513 020-07	5322 425-03	5412 028-031
19	32 x 32	5513 020-07	5322 425-04	5412 028-041

Inch version

		Spare parts		
IC	CZC_{MS}	Shim screw	Shim	Clamp set
1/2	3/4 x 3/4-1 x 1	5513 020-02	5322 425-01	5412 028-021
3/4	1 1/4 x 1 1/4-1 1/2 x 1 1/2	5513 020-07	5322 425-04	5412 028-041

For the complete list of spare parts, visit www.sandvik.coromant.com

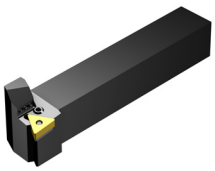
A174 F2 E3 H37 H10

T-Max® P shank tool for turning

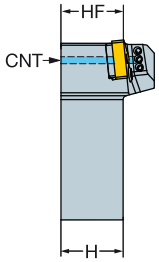
Lever clamp design

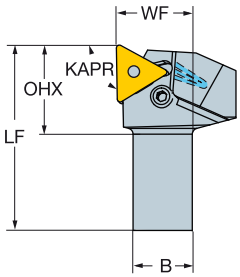
Precision coolant supply

KAPR 91.0°
PSIR -1.0°



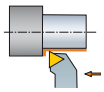






TNMM, TNMX
TNMG
TNMA, TNGA

Metric version

						Dimensions, mm									
		CZC_{MS}	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT	BAR	NM	KG	MIID
	16	16 x 16	23.9	1	**PTGNR/L 1616H 16HP**	16.0	16.0	100.0	20.0	16.0	G1/8	275	2.0	0.27	TNMG 16 04 08
		20 x 20	23.9	1	**PTGNR/L 2020K 16HP**	20.0	20.0	125.0	25.0	20.0	G1/8	275	2.0	0.47	TNMG 16 04 08
		25 x 25	23.9	1	**PTGNR/L 2525M 16HP**	25.0	25.0	150.0	32.0	25.0	G1/8	275	2.0	0.79	TNMG 16 04 08

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
174.3-840M	174.3-820M	179.3-850M	174.3-860	5691 026-13

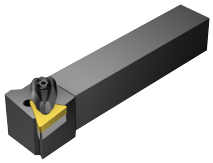
For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

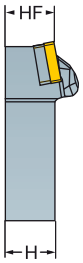
T-Max® P shank tool for turning

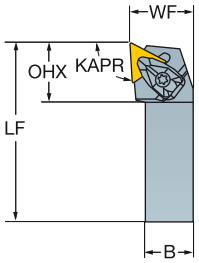
Rigid clamp design

KAPR 93.0°
PSIR -3.0°



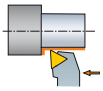




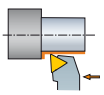


TNMM, TNMX
TNMG
TNMA, TNGA

Metric version

		CZC_{MS}	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	16	16 x 16	24.9	**DTJNR/L 1616H 16**	16.0	16.0	100.0	20.0	16.0	1.7	0.23	TNMG 16 04 08
		20 x 20	24.9	**DTJNR/L 2020K 16**	20.0	20.0	125.0	25.0	20.0	1.7	0.43	TNMG 16 04 08
		25 x 25	24.9	**DTJNR/L 2525M 16**	25.0	25.0	150.0	32.0	25.0	1.7	0.76	TNMG 16 04 08
		32 x 25	25.3	**DTJNR/L 3225P 16**	25.0	32.0	170.0	32.0	32.0	1.7	1.10	TNMG 16 04 08
	22	25 x 25	32.6	**DTJNR/L 2525M 22**	25.0	25.0	150.0	32.0	25.0	3.9	0.90	TNMG 22 04 08
		32 x 32	32.6	**DTJNR/L 3232P 22**	32.0	32.0	170.0	40.0	32.0	3.9	1.42	TNMG 22 04 08

Inch version

		IC	CZC_{MS}	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8		1 x 1	.980	**DTJNR/L 16 3D**	1.000	1.000	6.000	1.250	1.000	1.3	1.746	TNMG 332

R = Right hand, L = Left hand

Metric version

		Spare parts		
	CZC_{MS}	Shim screw	Shim	Clamp set
16	16 x 16	5513 020-04	5322 316-01	5412 028-011
16	20 x 20-32 x 25	5513 020-04	5322 315-02	5412 028-011
22	25 x 25-32 x 32	5513 020-02	5322 315-04	5412 028-021

Inch version

		Spare parts		
IC	CZC_{MS}	Shim screw	Shim	Clamp set
3/8	1 x 1	5513 020-04	5322 315-02	5412 028-011

For the complete list of spare parts, visit www.sandvik.coromant.com

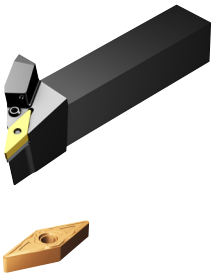
A174 F2 E3 H37 H10

SANDVIK Coromant

T-Max® P shank tool for turning

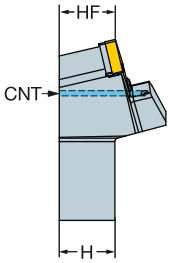
Lever clamp design

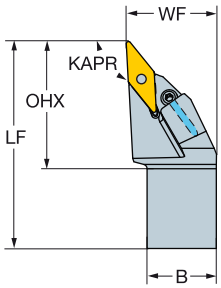
Precision coolant supply



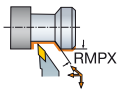
VNMG

KAPR 93.0°
PSIR -3.0°

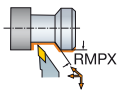




Metric version

							Dimensions, mm									
		CZC_{MS}	RMPX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT	BAR	NM	KG	MIID
	16	16 x 16	41°	41.6	1	PVJNR/L 1616H 16HP	16.0	16.0	100.0	20.0	16.0	G1/8	275	2.0	0.25	VNMG 16 04 08
		20 x 20	41°	42.6	1	PVJNR/L 2020K 16HP	20.0	20.0	125.0	25.0	20.0	G1/8	275	2.0	0.44	VNMG 16 04 08
		25 x 25	41°	45.7	1	PVJNR/L 2525M 16HP	25.0	25.0	150.0	32.0	25.0	G1/8	275	2.0	0.75	VNMG 16 04 08
		32 x 25	41°	45.7	1	PVJNR/L 3225P 16HP	25.0	32.0	170.0	32.0	32.0	G1/8	275	2.0	1.08	VNMG 16 04 08

Inch version

							Dimensions, inch									
		CZC_{MS}	RMPX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	41°	1.677	1	PVJNR/L 12 3BHP	.750	.750	4.500	1.000	.750	G1/8	3988	1.5	0.782	VNMG 332
		1 x 1	41°	1.799	1	PVJNR/L 16 3DHP	1.000	1.000	6.000	1.252	1.000	G1/8	3988	1.5	1.716	VNMG 332

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
5432 001-02	174.3-820M	5322 256-01	174.3-860	5691 026-13

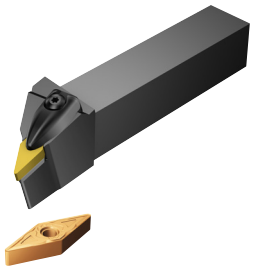
For the complete list of spare parts, visit www.sandvik.coromant.com

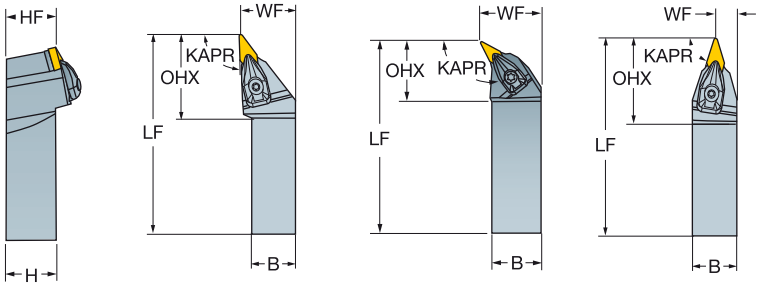
A174 F2 E3 G2 H37 H10 H5

T-Max® P shank tool for turning

Rigid clamp design

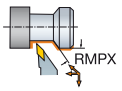
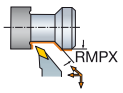
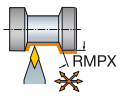
	DVJNR/L	DVPNR/L	DVVNN
KAPR	93.0°	117.5°	72.5°
PSIR	-3.0°	-27.5°	17.5°



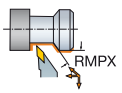
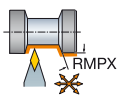


VNMG

Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	16	20 x 20	44°	46.6	DVJNR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	3.0	0.44	VNMG 16 04 08
		25 x 25	44°	46.6	DVJNR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.74	VNMG 16 04 08
		32 x 25	44°	46.6	DVJNR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	3.0	1.06	VNMG 16 04 08
		32 x 32	44°	46.6	DVJNR/L 3232P 16	32.0	32.0	170.0	40.0	32.0	3.0	1.29	VNMG 16 04 08
	16	25 x 25	25°	39.2	DVPNR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.80	VNMG 16 04 08
		32 x 25	25°	39.2	DVPNR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	3.0	1.05	VNMG 16 04 08
		32 x 32	25°	39.2	DVPNR/L 3232P 16	32.0	32.0	170.0	40.0	32.0	3.0	1.33	VNMG 16 04 08
	16	20 x 20	70°	47.8	DVVNN 2020K 16	20.0	20.0	125.0	10.6	20.0	3.0	0.43	VNMG 16 04 08
		25 x 25	70°	47.8	DVVNN 2525M 16	25.0	25.0	150.0	13.1	25.0	3.0	0.72	VNMG 16 04 08
		32 x 25	70°	47.8	DVVNN 3225P 16	25.0	32.0	170.0	13.1	32.0	3.0	1.03	VNMG 16 04 08
		32 x 32	70°	47.8	DVVNN 3232P 16	32.0	32.0	170.0	16.6	32.0	3.0	1.25	VNMG 16 04 08

Inch version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	44°	1.830	DVJNR/L 12 3B	.750	.750	4.500	1.000	.750	2.2	0.880	VNMG 332
		1 x 1	44°	1.830	DVJNR/L 16 3D	1.000	1.000	6.000	1.250	1.000	2.2	1.760	VNMG 332
		1 1/4 x 1 1/4	44°	1.830	DVJNR/L 20 3D	1.250	1.250	6.000	1.500	1.250	2.2	2.468	VNMG 332
		1 1/2 x 1 1/2	44°	1.830	DVJNR/L 24 3D	1.500	1.500	6.000	2.000	1.500	2.2	3.256	VNMG 332
	3/8	3/4 x 3/4	70°	1.880	DVVNN 12 3B	.750	.750	4.500	.398	.750	2.2	0.755	VNMG 332
		1 x 1	70°	1.880	DVVNN 16 3D	1.000	1.000	6.000	.524	1.000	2.2	1.645	VNMG 332
		1 1/4 x 1 1/4	70°	1.880	DVVNN 20 3D	1.250	1.250	6.000	.650	1.250	2.2	2.367	VNMG 332
		1 1/2 x 1 1/2	70°	1.880	DVVNN 24 3D	1.500	1.500	6.000	.770	1.500	2.2	3.208	VNMG 332

N = Neutral, R = Right hand, L = Left hand

Spare parts		
Shim screw	Shim	Clamp set
5513 020-09	5322 269-01	5412 028-061

For the complete list of spare parts, visit www.sandvik.coromant.com

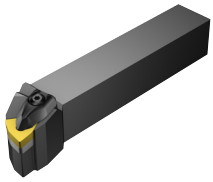
A174 F2 E3 H37 H10

SANDVIK Coromant

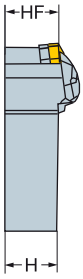
T-Max® P shank tool for turning

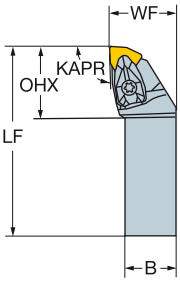
Rigid clamp design

KAPR 95.0°
PSIR -5.0°









WNMM,
WNMG
WNGA, WNMA

Metric version

		CZC$_{MS}$	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	06	16 x 16	26.4	**DWLNR/L 1616H 06**	16.0	16.0	100.0	20.0	16.0	1.7	0.22	WNMG 06 04 08
		20 x 20	27.1	**DWLNR/L 2020K 06**	20.0	20.0	125.0	25.0	20.0	1.7	0.42	WNMG 06 04 08
		25 x 25	27.1	**DWLNR/L 2525M 06**	25.0	25.0	150.0	32.0	25.0	1.7	0.76	WNMG 06 04 08
	08	20 x 20	34.3	**DWLNR/L 2020K 08**	20.0	20.0	125.0	25.0	20.0	3.9	0.43	WNMG 08 04 08
		25 x 25	34.3	**DWLNR/L 2525M 08**	25.0	25.0	150.0	32.0	25.0	3.9	0.76	WNMG 08 04 08
		32 x 25	35.0	**DWLNR/L 3225P 08**	25.0	32.0	170.0	32.0	32.0	3.9	1.10	WNMG 08 04 08
		32 x 32	34.3	**DWLNR/L 3232P 08**	32.0	32.0	170.0	40.0	32.0	3.9	1.36	WNMG 08 04 08

Inch version

		CZC$_{MS}$	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	1.950	**DWLNR/L 12 3C**	.750	.750	5.000	1.000	.750	1.3	0.880	WNMG 332
		1 x 1	1.950	**DWLNR/L 16 3D**	1.000	1.000	6.000	1.250	1.000	1.3	1.760	WNMG 332
	1/2	3/4 x 3/4	1.378	**DWLNR/L 12 4C**	.750	.750	5.000	1.000	.750	2.9	0.880	WNMG 432
		1 x 1	1.350	**DWLNR/L 16 4D**	1.000	1.000	6.000	1.250	1.000	2.9	1.734	WNMG 432
		1 1/4 x 1 1/4	1.378	**DWLNR/L 20 4D**	1.250	1.250	6.000	1.500	1.250	2.9	2.633	WNMG 432

R = Right hand, L = Left hand

		Spare parts		
		Shim screw	Shim	Clamp set
06	3/8	5513 020-04	5322 328-01	5412 028-011
08	1/2	5513 020-02	5322 331-12	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 H37 H10

T-Max® P tools for internal machining

Coromant Capto®



Tools for insert shapes

C	D	S	T
A269	A270	A271	A272
Lever clamp	Lever clamp	Lever clamp	Lever clamp

Boring bar



Tools for insert shapes

C	D	S	T
A273	A274	A275	A276
Lever clamp	Lever clamp	Lever clamp	Lever clamp

CoroTurn® SL cutting head



Tools for insert shapes

C	D	S	T	V
A277-A279	A280-A282	A283-A284	A285-A287	A288
Lever clamp Rigid clamp	Lever clamp Rigid clamp	Rigid clamp	Lever clamp Rigid clamp	Rigid clamp

CoroTurn® SL cutting head for back boring



Tools for insert shapes

D	V
A289-A290	A291-A292
Rigid clamp	Rigid clamp

T-Max® P cutting unit for turning

Lever clamp design

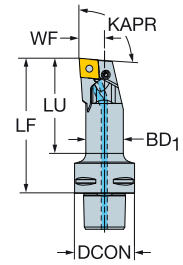
Coromant Capto® - Precision coolant supply

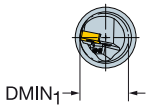
KAPR 95.0°
PSIR -5.0°

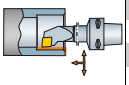




CNMM
CNMG
CNMA, CNGA





								Dimensions, mm, inch							
	IC		CZC_{MS}	$DMIN_1$	LU	CNSC	Ordering code	DCON	BD_1	LF	WF	BAR PSI	NM	KG	MIID
	09	3/8	C4	25.0	51.9	3	C4-PCLNR/L-13080-09HP	40	20.0	80.0	13.0	150	2.0	0.41	CNMG 09 03 08
				.984	*2.043*			*1.575*	*.787*	*3.150*	*.512*	*2175*			*CNMG 322*
			C5	25.0	50.6	3	C5-PCLNR/L-13080-09HP	50	20.0	80.0	13.0	150	2.0	0.61	CNMG 09 03 08
				.984	*1.992*			*1.969*	*.787*	*3.150*	*.512*	*2175*			*CNMG 322*
	12	1/2	C3	32.0	71.8	3	C3-PCLNR/L-17090-12HP	32	25.0	90.0	17.0	150	5.0	0.37	CNMG 12 04 08
				1.260	*2.827*			*1.260*	*.984*	*3.543*	*.669*	*2175*			*CNMG 432*
			C3	40.0	48.0	3	C3-PCLNR/L-22064-12HP	32	32.0	64.0	22.0	150	5.0	0.37	CNMG 12 04 08
				1.575	*1.890*			*1.260*	*1.260*	*2.520*	*.866*	*2175*			*CNMG 432*
			C3	40.0	80.0	3	C3-PCLNR/L-22096-12HP	32	32.0	96.0	22.0	150	5.0	0.55	CNMG 12 04 08
				1.575	*3.150*			*1.260*	*1.260*	*3.780*	*.866*	*2175*			*CNMG 432*
			C4	32.0	63.4	3	C4-PCLNR/L-17090-12HP	40	25.0	90.0	17.0	150	5.0	0.51	CNMG 12 04 08
				1.260	*2.496*			*1.575*	*.984*	*3.543*	*.669*	*2175*			*CNMG 432*
			C4	40.0	86.6	3	C4-PCLNR/L-22110-12HP	40	32.0	110.0	22.0	150	5.0	0.77	CNMG 12 04 08
				1.575	*3.409*			*1.575*	*1.260*	*4.331*	*.866*	*2175*			*CNMG 432*
			C4	50.0	59.0	3	C4-PCLNR/L-27080-12HP	40	40.0	80.0	27.0	150	5.0	0.72	CNMG 12 04 08
				1.969	*2.323*			*1.575*	*1.575*	*3.150*	*1.063*	*2175*			*CNMG 432*
			C4	50.0	99.0	3	C4-PCLNR/L-27120-12HP	40	40.0	120.0	27.0	150	5.0	1.08	CNMG 12 04 08
				1.969	*3.898*			*1.575*	*1.575*	*4.724*	*1.063*	*2175*			*CNMG 432*
			C5	32.0	61.3	3	C5-PCLNR/L-17090-12HP	50	25.0	90.0	17.0	150	5.0	0.70	CNMG 12 04 08
				1.260	*2.413*			*1.969*	*.984*	*3.543*	*.669*	*2175*			*CNMG 432*
			C5	40.0	82.2	3	C5-PCLNR/L-22110-12HP	50	32.0	110.0	22.0	150	5.0	0.98	CNMG 12 04 08
				1.575	*3.236*			*1.969*	*1.260*	*4.331*	*.866*	*2175*			*CNMG 432*
			C5	50.0	115.6	3	C5-PCLNR/L-27140-12HP	50	40.0	140.0	27.0	150	5.0	1.47	CNMG 12 04 08
				1.969	*4.551*			*1.969*	*1.575*	*5.512*	*1.063*	*2175*			*CNMG 432*
			C5	63.0	79.0	3	C5-PCLNR/L-35100-12HP	50	50.0	100.0	35.0	150	5.0	1.43	CNMG 12 04 08
				2.480	*3.110*			*1.969*	*1.969*	*3.937*	*1.378*	*2175*			*CNMG 432*
			C6	32.0	67.5	3	C6-PCLNR/L-17100-12HP	63	25.0	100.0	17.0	150	5.0	1.13	CNMG 12 04 08
				1.260	*2.657*			*2.480*	*.984*	*3.937*	*.669*	*2175*			*CNMG 432*
			C6	40.0	78.5	3	C6-PCLNR/L-22110-12HP	63	32.0	110.0	22.0	150	5.0	1.34	CNMG 12 04 08
				1.575	*3.091*			*2.480*	*1.260*	*4.331*	*.866*	*2175*			*CNMG 432*
	16	5/8	C5	63.0	129.0	3	C5-PCLNR/L-35150-16HP	50	50.0	150.0	35.0	150	5.0	2.11	CNMG 16 06 12
				2.480	*5.079*			*1.969*	*1.969*	*5.906*	*1.378*	*2175*			*CNMG 543*
			C6	50.0	109.5	3	C6-PCLNR/L-27140-16HP	63	40.0	140.0	27.0	150	5.0	1.79	CNMG 16 06 12
				1.969	*4.311*			*2.480*	*1.575*	*5.512*	*1.063*	*2175*			*CNMG 543*
			C6	63.0	146.7	3	C6-PCLNR/L-35175-16HP	63	50.0	175.0	35.0	150	5.0	2.89	CNMG 16 06 12
				2.480	*5.776*			*2.480*	*1.969*	*6.890*	*1.378*	*2175*			*CNMG 543*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
Cx-PCLNR/L-13xxx-09HP	174.3-845-1	174.3-829			5691 026-13
Cx-PCLNR/L-17xxx-12HP	438.3-841-1	438.3-832M			5691 026-13
Cx-PCLNR/L-22xxx-12HP	174.3-848M	174.3-858	171.31-850M	174.3-861	5691 026-13
Cx-PCLNR/L-27/35xxx-12HP	174.3-841M	174.3-821	171.31-850M	174.3-861	5691 026-13
Cx-PCLNR/L-xxxxx-16HP	438.3-840	438.3-831	171.31-852	174.3-864	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

T-Max® P cutting unit for turning

Lever clamp design

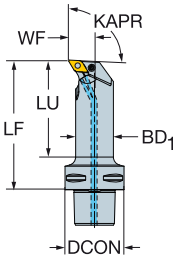
Coromant Capto® - Precision coolant supply

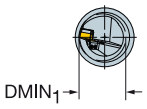
KAPR 93.0°
PSIR -3.0°





DNMM, DNMX
DNMG
DNMA, DNGA





									Dimensions, mm, inch							
													BAR PSI	NM	KG	
		IC	CZC_{MS}	$DMIN_1$	LU	RMPX	CNSC	Ordering code	DCON	BD_1	LF	WF				MIID
RMPX	11	3/8	C3	32.0	71.8	27°	3	C3-PDUNR/L-17090-11HP	32	25.0	90.0	17.0	150	2.0	0.37	DNMG 11 04 08
				1.260	*2.827*				*1.260*	*.984*	*3.543*	*.669*	*2175*			*DNMG 332*
			C4	32.0	63.4	27°	3	C4-PDUNR/L-17090-11HP	40	25.0	90.0	17.0	150	2.0	0.50	DNMG 11 04 08
				1.260	*2.496*				*1.575*	*.984*	*3.543*	*.669*	*2175*			*DNMG 332*
			C4	40.0	86.6	27°	3	C4-PDUNR/L-22110-11HP	40	32.0	110.0	22.0	150	2.0	0.77	DNMG 11 04 08
				1.575	*3.409*				*1.575*	*1.260*	*4.331*	*.866*	*2175*			*DNMG 332*
			C5	32.0	61.3	27°	3	C5-PDUNR/L-17090-11HP	50	25.0	90.0	17.0	150	2.0	0.70	DNMG 11 04 08
				1.260	*2.413*				*1.969*	*.984*	*3.543*	*.669*	*2175*			*DNMG 332*
			C5	40.0	82.2	27°	3	C5-PDUNR/L-22110-11HP	50	32.0	110.0	22.0	150	2.0	0.98	DNMG 11 04 08
				1.575	*3.236*				*1.969*	*1.260*	*4.331*	*.866*	*2175*			*DNMG 332*
			C6	32.0	67.5	27°	3	C6-PDUNR/L-17100-11HP	63	25.0	100.0	17.0	150	2.0	1.12	DNMG 11 04 08
				1.260	*2.657*				*2.480*	*.984*	*3.937*	*.669*	*2175*			*DNMG 332*
	15	1/2	C4	50.0	59.0	27°	3	C4-PDUNR/L-27080-15HP	40	40.0	80.0	27.0	150	5.0	0.70	DNMG 15 06 08
				1.969	*2.323*				*1.575*	*1.575*	*3.150*	*1.063*	*2175*			*DNMG 442*
			C4	50.0	99.0	27°	3	C4-PDUNR/L-27120-15HP	40	40.0	120.0	27.0	150	5.0	1.07	DNMG 15 06 08
				1.969	*3.898*				*1.575*	*1.575*	*4.724*	*1.063*	*2175*			*DNMG 442*
			C5	50.0	115.6	27°	3	C5-PDUNR/L-27140-15HP	50	40.0	140.0	27.0	150	5.0	1.45	DNMG 15 06 08
				1.969	*4.551*				*1.969*	*1.575*	*5.512*	*1.063*	*2175*			*DNMG 442*
			C5	63.0	79.0	27°	3	C5-PDUNR/L-35100-15HP	50	50.0	100.0	35.0	150	5.0	1.43	DNMG 15 06 08
				2.480	*3.110*				*1.969*	*1.969*	*3.937*	*1.378*	*2175*			*DNMG 442*
			C5	63.0	129.0	27°	3	C5-PDUNR/L-35150-15HP	50	50.0	150.0	35.0	150	5.0	2.15	DNMG 15 06 08
				2.480	*5.079*				*1.969*	*1.969*	*5.906*	*1.378*	*2175*			*DNMG 442*
			C6	40.0	78.5	27°	3	C6-PDUNR/L-22110-15HP	63	32.0	110.0	22.0	150	5.0	1.33	DNMG 15 06 08
				1.575	*3.091*				*2.480*	*1.260*	*4.331*	*.866*	*2175*			*DNMG 442*
			C6	50.0	109.5	27°	3	C6-PDUNR/L-27140-15HP	63	40.0	140.0	27.0	150	5.0	1.81	DNMG 15 06 08
				1.969	*4.311*				*2.480*	*1.575*	*5.512*	*1.063*	*2175*			*DNMG 442*
			C6	63.0	146.7	27°	3	C6-PDUNR/L-35175-15HP	63	50.0	175.0	35.0	150	5.0	2.91	DNMG 15 06 08
				2.480	*5.776*				*2.480*	*1.969*	*6.890*	*1.378*	*2175*			*DNMG 442*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
Cx-PDUNR/L-17xxx-11HP	5432 015-021	438.3-830			5691 026-13
Cx-PDUNR/L-22xxx-11HP	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
Cx-PDUNR/L-xxxxx-15HP	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3


G2



H37



H10



H5

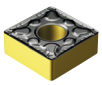
T-Max® P cutting unit for turning

Lever clamp design

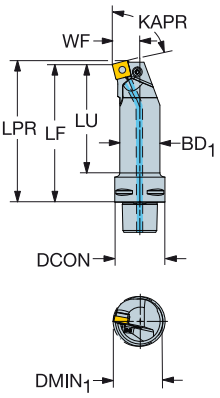
Coromant Capto® - Precision coolant supply

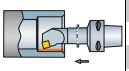
KAPR 75.0°
PSIR 15.0°





SNMM
SNMG
SNMA, SNGA



	IC	CZC$_{MS}$	DMIN$_1$	LU	RMPX	CNSC	Ordering code	DCON	BD$_1$	LPR	LF	WF	BAR PSI	NM	KG	MIID
			Dimensions, mm, inch													
	12 1/2	C4	32.0	63.4	10°	3	**C4-PSKNR/L-17090-12HP**	40	25.0	93.1	90.0	17.0	150	5.0	0.51	SNMG 12 04 08
			1.260	*2.496*				*1.575*	*.984*	*3.663*	*3.543*	*.669*	*2175*			*SNMG 432*
		C4	40.0	86.6	10°	3	**C4-PSKNR/L-22110-12HP**	40	32.0	113.1	110.0	22.0	150	5.0	0.79	SNMG 12 04 08
			1.575	*3.409*				*1.575*	*1.260*	*4.451*	*4.331*	*.866*	*2175*			*SNMG 432*
		C5	32.0	61.3	10°	3	**C5-PSKNR/L-17090-12HP**	50	25.0	93.1	90.0	17.0	150	5.0	0.71	SNMG 12 04 08
			1.260	*2.413*				*1.969*	*.984*	*3.663*	*3.543*	*.669*	*2175*			*SNMG 432*
		C5	40.0	82.2	10°	3	**C5-PSKNR/L-22110-12HP**	50	32.0	113.1	110.0	22.0	150	5.0	0.99	SNMG 12 04 08
			1.575	*3.236*				*1.969*	*1.260*	*4.451*	*4.331*	*.866*	*2175*			*SNMG 432*
		C5	50.0	115.6	10°	3	**C5-PSKNR/L-27140-12HP**	50	40.0	143.1	140.0	27.0	150	5.0	1.48	SNMG 12 04 08
			1.969	*4.551*				*1.969*	*1.575*	*5.632*	*5.512*	*1.063*	*2175*			*SNMG 432*
		C6	40.0	78.5	10°	3	**C6-PSKNR/L-22110-12HP**	63	32.0	113.1	110.0	22.0	150	5.0	1.35	SNMG 12 04 08
			1.575	*3.091*				*2.480*	*1.260*	*4.451*	*4.331*	*.866*	*2175*			*SNMG 432*
	15 5/8	C6	63.0	146.7	10°	3	**C6-PSKNR/L-35175-15HP**	63	50.0	178.8	175.0	35.0	150	5.0	2.96	SNMG 15 06 08
			2.480	*5.776*				*2.480*	*1.969*	*7.039*	*6.890*	*1.378*	*2175*			*SNMG 542*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
C4-PSKNR/L-17090-12HP	438.3-841-1	438.3-832M			5691 026-13
C4-PSKNR/L-22110-12HP	174.3-848M	174.3-858	174.3-851M	174.3-861	5691 026-13
C5-PSKNR/L-17090-12HP	438.3-841-1	438.3-832M			5691 026-13
C5-PSKNR/L-22110-12HP	174.3-848M	174.3-858	174.3-851M	174.3-861	5691 026-13
C5-PSKNR/L-27140-12HP	174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-13
C6-PSKNR/L-22110-12HP	174.3-848M	174.3-858	174.3-851M	174.3-861	5691 026-13
C6-PSKNR/L-35175-15HP	438.3-840	438.3-831	174.3-857	174.3-864	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


E3


G2



H37



H10



H5

T-Max® P cutting unit for turning

Lever clamp design

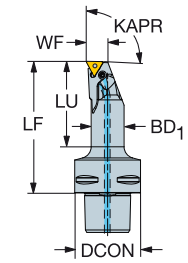
Coromant Capto® - Precision coolant supply

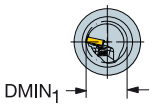
KAPR 91.0°
PSIR -1.0°

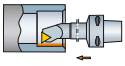




TNMM, TNMX
TNMG
TNMA, TNGA





	IC		CZC$_{MS}$	DMIN$_1$	LU	CNSC	Ordering code	Dimensions, mm, inch DCON	BD$_1$	LF	WF	BAR PSI	NM	KG	MIID
	11	1/4	C3	32.0	53.8	3	**C3-PTFNR/L-13075-11HP**	32	20.0	75.0	13.0	150	1.2	0.26	TNMG 11 03 04
				1.260	*2.118*			*1.260*	*.787*	*2.953*	*.512*	*2175*			*TNMG 221*
			C4	32.0	51.9	3	**C4-PTFNR/L-13080-11HP**	40	20.0	80.0	13.0	150	1.2	0.41	TNMG 11 03 04
				1.260	*2.043*			*1.575*	*.787*	*3.150*	*.512*	*2175*			*TNMG 221*
			C5	32.0	50.6	3	**C5-PTFNR/L-13080-11HP**	50	20.0	80.0	13.0	150	1.2	0.61	TNMG 11 03 04
				1.260	*1.992*			*1.969*	*.787*	*3.150*	*.512*	*2175*			*TNMG 221*

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Spare parts		
Lever	Screw	Nozzle
174.3-846-1	174.3-829	5691 026-23

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

T-Max® P boring bar for turning

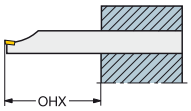
Lever clamp design

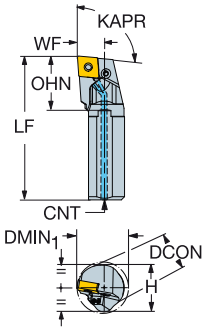
Cylindrical with flats - Precision coolant supply

KAPR 95.0°
PSIR -5.0°



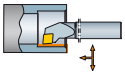




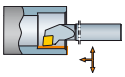


CNMM
CNMG
CNMA, CNGA

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
	09	16	26.0	64.0	37.8	1	A16R-PCLNR/L09HP	16	15.0	200.0	11.0	G1/8	275	2.0	0.28	CNMG 09 03 08
		20	25.0	80.0	34.6	1	A20S-PCLNR/L09HP	20	18.0	250.0	13.0	G1/8	275	2.0	0.55	CNMG 09 03 08
		25	32.0	100.0	34.1	1	A25T-PCLNR/L09HP	25	23.0	300.0	17.0	G1/8	275	2.0	0.96	CNMG 09 03 08
	12	25	32.0	100.0	37.6	1	A25T-PCLNR/L12HP	25	23.0	300.0	17.0	G1/8	275	5.0	0.97	CNMG 12 04 08
		32	40.0	128.0	38.8	1	A32T-PCLNR/L12HP	32	30.0	300.0	22.0	G1/8	275	5.0	1.69	CNMG 12 04 08
		40	50.0	160.0	38.8	1	A40T-PCLNR/L12HP	40	37.0	300.0	27.0	G1/8	275	5.0	2.69	CNMG 12 04 08
	19	50	63.0	200.0	45.6	1	A50U-PCLNR/L19HP	50	47.0	350.0	35.0	G1/8	275	10.0	5.03	CNMG 19 06 12

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	BD$_1$	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	5/8	1.063	2.500	1.488	1	A10R-PCLNR/L3HP	.625	.591	.625	8.000	.406	G1/8	3988	1.5	1.320	CNMG 322
		3/4	1.000	3.000	1.362	1	A12S-PCLNR/L3HP	.750	.709	.750	10.000	.500	G1/8	3988	1.5	2.420	CNMG 322
		1	1.201	4.000	1.343	1	A16T-PCLNR/L3HP	1.000	.906	1.000	12.000	.640	G1/8	3988	1.5	2.244	CNMG 322
	1/2	1	1.201	4.000	1.480	1	A16T-PCLNR/L4HP	1.000	.906	1.000	12.000	.640	G1/8	3988	3.7	2.332	CNMG 432
		1 1/4	1.469	5.000	1.528	1	A20T-PCLNR/L4HP	1.250	1.181	1.250	12.000	.765	G1/8	3988	3.7	3.784	CNMG 432
		1 1/2	1.760	6.000	1.528	1	A24T-PCLNR/L4HP	1.500	1.457	1.500	12.000	.890	G1/8	3988	3.7	5.324	CNMG 432
	3/4	2	2.402	8.000	1.795	1	A32U-PCLNR/L6HP	2.000	1.850	1.969	14.000	1.281	G1/8	3988	7.4	12.056	CNMG 643

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

	Spare parts				
CZC$_{MS}$	Lever	Screw	Shim	Shim pin	Nozzle
16-25	174.3-845-1	174.3-829			5691 026-13
25	438.3-841-1	438.3-832M			5691 026-13
32-40	174.3-848M	174.3-858	171.31-850M	174.3-861	5691 026-13
50	174.3-849M	174.3-822M	171.31-851M	174.3-868	5691 026-13

Inch version

	Spare parts				
IC / CZC$_{MS}$	Lever	Screw	Shim	Shim pin	Nozzle
5/8-1	174.3-845-1	174.3-829			5691 026-13
1	438.3-841-1	438.3-832M			5691 026-13
1 1/4-1 1/2	174.3-848M	174.3-858	171.31-850M	174.3-861	5691 026-13
2	174.3-849M	174.3-822M	171.31-851M	174.3-868	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 G2 H37 H12 H5

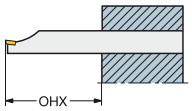
T-Max® P boring bar for turning

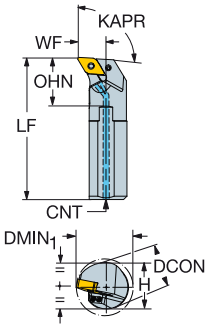
Lever clamp design

Cylindrical with flats - Precision coolant supply

KAPR 93.0°
PSIR -3.0°



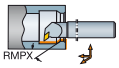




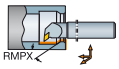


DNMM, DNMX
DNMG
DNMA, DNGA

Metric version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
	11	25	32.0	27°	100.0	37.7	1	A25T-PDUNR/L11HP	25	23.0	300.0	17.0	G1/8	275	2.0	0.95	DNMG 11 04 08
		32	40.0	27°	128.0	36.2	1	A32T-PDUNR/L11HP	32	30.0	300.0	22.0	G1/8	275	2.0	1.68	DNMG 11 04 08
	15	40	50.0	27°	160.0	40.6	1	A40T-PDUNR/L15HP	40	37.0	300.0	27.0	G1/8	275	5.0	2.67	DNMG 15 06 08
		50	63.0	27°	200.0	40.6	1	A50U-PDUNR/L15HP	50	47.0	350.0	35.0	G1/8	275	5.0	5.03	DNMG 15 06 08

Inch version

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	3/8	1	1.252	27°	4.000	1.488	1	A16T-PDUNR/L3HP	1.000	.906	12.000	.700	G1/8	3988	1.5	2.244	DNMG 332
		1 1/4	1.532	27°	5.000	1.425	1	A20T-PDUNR/L3HP	1.250	1.181	12.000	.890	G1/8	3988	1.5	3.740	DNMG 332
	1/2	1 1/2	1.850	27°	6.000	1.622	1	A24T-PDUNR/L4HP	1.500	1.457	12.000	1.063	G1/8	3988	3.7	5.368	DNMG 432
		2	2.500	27°	8.000	1.598	1	A32U-PDUNR/L4HP	2.000	1.850	14.000	1.375	G1/8	3988	3.7	12.153	DNMG 432

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

		Spare parts				
CZC$_{MS}$		Lever	Screw	Shim	Shim pin	Nozzle
11	25	5432 015-021	438.3-830			5691 026-13
11	32	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
15	40-50	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-13

Inch version

		Spare parts				
CZC$_{MS}$		Lever	Screw	Shim	Shim pin	Nozzle
3/8	1	5432 015-021	438.3-830			5691 026-13
3/8	1 1/4	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
1/2	1 1/2-2	174.3-847M	174.3-830	171.35-856	174.3-861	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2


G2



H37



H12



H5

SANDVIK Coromant

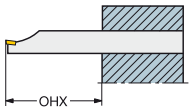
T-Max® P boring bar for turning

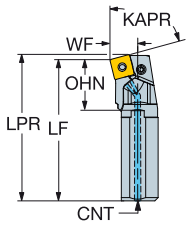
Lever clamp design

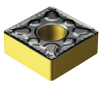
Cylindrical with flats - Precision coolant supply

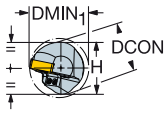
KAPR 75.0°
PSIR 15.0°





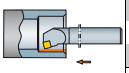




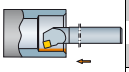


SNMM
SNMG
SNMA, SNGA

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LPR	LF	WF	CNT	BAR	NM	KG	MIID
	12	25	32.0	100.0	35.2	1	A25T-PSKNR/L12HP	25	23.0	303.1	300.0	17.0	G1/8	275	5.0	0.97	SNMG 12 04 08
		32	40.0	128.0	34.3	1	A32T-PSKNR/L12HP	32	30.0	303.1	300.0	22.0	G1/8	275	5.0	1.71	SNMG 12 04 08
		40	50.0	160.0	34.3	1	A40T-PSKNR/L12HP	40	37.0	303.1	300.0	27.0	G1/8	275	5.0	2.71	SNMG 12 04 08
	19	50	63.0	200.0	40.3	1	A50U-PSKNR/L19HP	50	47.0	354.6	350.0	35.0	G1/8	275	10.0	5.34	SNMG 19 06 12

Inch version

		IC	CZC$_{MS}$	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LPR	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
	1/2	1	1.252	4.000	1.386	1	A16T-PSKNR/L4HP	1.000	.906	12.120	12.000	.640	G1/8	3988	3.7	2.244	SNMG 432
		1 1/4	1.532	5.000	1.350	1	A20T-PSKNR/L4HP	1.250	1.181	12.120	12.000	.890	G1/8	3988	3.7	3.784	SNMG 432
		1 1/2	1.850	6.000	1.350	1	A24T-PSKNR/L4HP	1.500	1.457	12.120	12.000	1.015	G1/8	3988	3.7	5.544	SNMG 432
	3/4	2	2.500	8.000	1.587	1	A32U-PSKNR/L6HP	2.000	1.850	14.181	14.000	1.375	G1/8	3988	7.4	12.232	SNMG 643

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

			Spare parts				
	IC	CZC$_{MS}$	Lever	Screw	Shim	Shim pin	Nozzle
12	1/2	25	438.3-841-1	438.3-832M			5691 026-13
12	1/2	32-40	174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-13
19	3/4	50	174.3-849M	174.3-822M	174.3-852M	174.3-862	5691 026-13

Inch version

		Spare parts				
IC	CZC$_{MS}$	Lever	Screw	Shim	Shim pin	Nozzle
1/2	1	438.3-841-1	438.3-832M			5691 026-13
1/2	1 1/4	174.3-848M	174.3-858	174.3-851M	174.3-861	5691 026-13
1/2	1 1/2	174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-13
3/4	2	174.3-849M	174.3-822M	174.3-852M	174.3-862	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 G2 H37 H12 H5

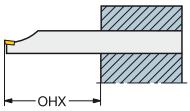
T-Max® P boring bar for turning

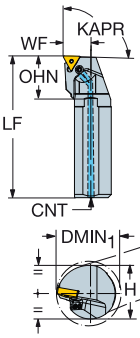
Lever clamp design

Cylindrical with flats - Precision coolant supply

KAPR 91.0°
PSIR -1.0°









TNMM, TNMX
TNMG
TNMA, TNGA

Metric version

								Dimensions, mm								
	CZC_{MS}	$DMIN_1$	OHX	OHN	CNSC	Ordering code	DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
11	16	28.0	64.0	30.9	1	A16R-PTFNR/L11HP	16	15.0	200.0	11.0	G1/8	275	1.2	0.29	TNMG 11 03 04
	20	28.0	80.0	30.9	1	A20S-PTFNR/L11HP	20	18.0	250.0	13.0	G1/8	275	1.2	0.54	TNMG 11 03 04
	25	32.0	100.0	30.9	1	A25T-PTFNR/L11HP	25	23.0	300.0	17.0	G1/8	275	1.2	0.96	TNMG 11 03 04

Inch version

								Dimensions, inch								
	CZC_{MS}	$DMIN_1$	OHX	OHN	CNSC	Ordering code	DCON	H	LF	WF	CNT	PSI	FT/LBS	LBS	MIID
1/4	5/8	1.063	2.500	1.272	1	A10R-PTFNR/L2HP	.625	.591	8.000	.406	G1/8	3988	0.9	0.616	TNMG 221
	3/4	1.063	3.000	1.217	1	A12S-PTFNR/L2HP	.750	.709	10.000	.500	G1/8	3988	0.9	1.100	TNMG 221
	1	1.201	4.000	1.217	1	A16T-PTFNR/L2HP	1.000	.906	12.000	.640	G1/8	3988	0.9	2.420	TNMG 221

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

Metric version

		Spare parts		
	CZC_{MS}	Lever	Screw	Nozzle
11	16-25	174.3-846-1	174.3-829	5691 026-23

Inch version

		Spare parts		
IC	CZC_{MS}	Lever	Screw	Nozzle
1/4	5/8-3/4	174.3-846-1	174.3-829	5691 026-23
1/4	1	174.3-846-1	174.3-829	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 G2 H37 H12 H5

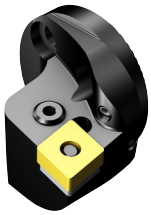
SANDVIK Coromant

T-Max® P head for turning

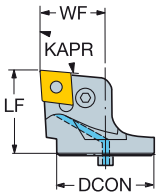
Lever clamp design

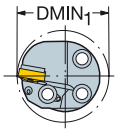
CoroTurn® SL - Precision coolant supply

KAPR 95.0°
PSIR -5.0°

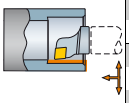








CNMM
CNMG
CNMA, CNGA

	IC		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	09	3/8	25	34.0	1	**SL-PCLNR/L-25-09HP-G**	25	28.0	19.0	80	1.7	0.08	CNMG 09 03 08
				1.339			*.984*	*1.102*	*.748*	*1160*			*CNMG 322*
	12	1/2	32	40.0	1	**SL-PCLNR/L-32-12HP**	32	36.0	22.0	80	5.0	0.16	CNMG 12 04 08
				1.575			*1.260*	*1.417*	*.866*	*1160*			*CNMG 432*
			40	50.0	1	**SL-PCLNR/L-40-12HP**	40	35.0	27.0	80	5.0	0.21	CNMG 12 04 08
				1.969			*1.575*	*1.378*	*1.063*	*1160*			*CNMG 432*
	16	5/8	40	56.0	1	**SL-PCLNR/L-40-16HP**	40	42.0	27.0	80	5.0	0.27	CNMG 16 06 08
				2.205			*1.575*	*1.654*	*1.063*	*1160*			*CNMG 542*

R = Right hand, L = Left hand

	Spare parts					
Ordering code	Lever	Screw	Shim	Shim pin	Locating tube	Nozzle
SL-PCLNR/L-25-09HP-G	174.3-845-1	174.3-829			5552 058-02	5691 026-13
SL-PCLNR/L-32-12HP	174.3-848M	174.3-858	171.31-850M	174.3-861	5638 031-01	5691 026-03
SL-PCLNR/L-40-12HP	174.3-841M	174.3-821	171.31-850M	174.3-861	5638 031-01	5691 026-03
SL-PCLNR/L-40-16HP	438.3-840	438.3-831	171.31-852	174.3-864	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

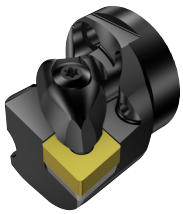
A174 F2 H37 H5 H2

T-Max® P head for turning

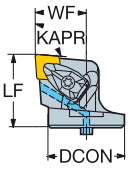
Rigid clamp design

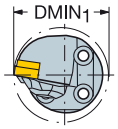
CoroTurn® SL - Internal coolant supply

KAPR 95.0°
PSIR -5.0°

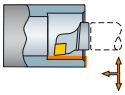








CNMM
CNMG
CNMA, CNGA

	IC		CZC$_{MS}$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	12	1/2	32	40.0	1	570-DCLNR/L-32-12-L	32	38.0	22.0	10	3.9	0.17	CNMG 12 04 08
				1.575			*1.260*	*1.496*	*.866*	*145*			*CNMG 432*
			40	50.0	1	570-DCLNR/L-40-12-L	40	38.0	27.0	10	3.9	0.22	CNMG 12 04 08
				1.969			*1.575*	*1.496*	*1.063*	*145*			*CNMG 432*
	16	5/8	40	57.0	1	570-DCLNR/L-40-16-L	40	40.0	32.0	10	6.4	0.32	CNMG 16 06 12
				2.244			*1.575*	*1.575*	*1.260*	*145*			*CNMG 543*
	19	3/4	40	57.0	1	570-DCLNR/L-40-19-L	40	42.0	34.0	10	6.4	0.33	CNMG 19 06 12
				2.244			*1.575*	*1.654*	*1.339*	*145*			*CNMG 643*

R = Right hand, L = Left hand

			Spare parts			
	IC	CZC$_{MS}$	Shim screw	Shim	Clamp set	Locating tube
12	1/2	32-40	5513 020-02	5322 236-03	5412 028-021	5638 031-01
16	5/8	40	5513 020-07	5322 234-03	5412 028-031	5638 031-01
19	3/4	40	5513 020-07	5322 236-01	5412 028-041	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H5 H2

T-Max® P head for turning

Rigid clamp design

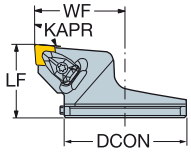
CoroTurn® SL Quick Change

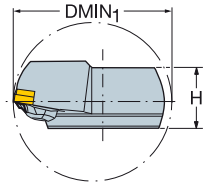
KAPR 95.0°
PSIR -5.0°

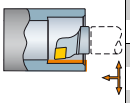




 CNMM
 CNMG
 CNMA, CNGA





	IC		CZC$_{MS}$	DMIN$_1$	Ordering code	Dimensions, mm, inch DCON	H	LF	WF	NM	KG	MIID
	12	1/2	80	100.0	**570-DCLNR/L-80-12**	80	37.5	45.0	57.0	3.9	0.56	CNMG 12 04 08
				3.937		*3.150*	*1.476*	*1.772*	*2.244*			*CNMG 432*
	16	5/8	80	100.0	**570-DCLNR/L-80-16**	80	37.5	45.0	57.0	6.4	0.60	CNMG 16 06 12
				3.937		*3.150*	*1.476*	*1.772*	*2.244*			*CNMG 543*

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Adjustment screw
570-DCLNR/L-80-12	5513 020-02	5322 236-03	5412 028-021	5514 060-12
570-DCLNR/L-80-16	5513 020-07	5322 234-03	5412 028-031	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

 A174
 F2
 H37
 H2

T-Max® P head for turning

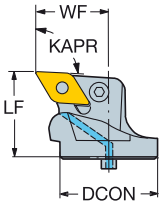
Lever clamp design

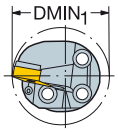
CoroTurn® SL - Precision coolant supply

KAPR 93.0°
PSIR -3.0°

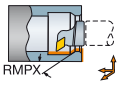








DNMM, DNMX
DNMG
DNMA, DNGA

								Dimensions, mm, inch						
		IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
 RMPX	11	3/8	25	38.0	27°	1	**SL-PDUNR/L-25-11HP-G**	25	32.0	21.0	80	2.0	0.10	DNMG 11 04 08
				1.496				*.984*	*1.260*	*.827*	*1160*			*DNMG 332*
			32	40.0	27°	1	**SL-PDUNR/L-32-11HP**	32	32.0	22.0	80	2.0	0.13	DNMG 11 04 08
				1.575				*1.260*	*1.260*	*.866*	*1160*			*DNMG 332*
	15	1/2	40	56.0	27°	1	**SL-PDUNR/L-40-15HP**	40	36.0	30.0	80	5.0	0.24	DNMG 15 06 08
				2.205				*1.575*	*1.417*	*1.181*	*1160*			*DNMG 442*

-G indicates altered main dimensions

R = Right hand, L = Left hand

	Spare parts					
Ordering code	Lever	Screw	Shim	Shim pin	Locating tube	Nozzle
SL-PDUNR/L-25-11HP-G	5432 015-021	438.3-830			5552 058-02	5691 026-13
SL-PDUNR/L-32-11HP	5432 001-01	174.3-820M	5322 255-01	174.3-860	5638 031-01	5691 026-03
SL-PDUNR/L-40-15HP	174.3-847M	174.3-830	171.35-851M	174.3-861	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

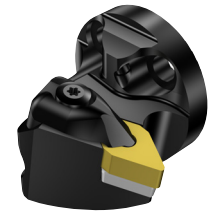
A174 F2 H37 H5 H2

T-Max® P head for turning

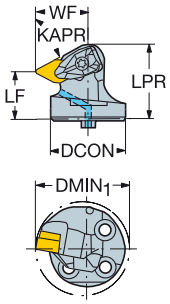
Rigid clamp design

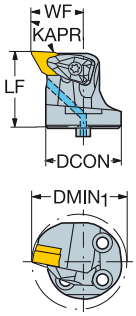
CoroTurn® SL - Internal coolant supply

	570-DDXNR/L	570-DDUNR/L
KAPR	62.5°	93.0°
PSIR	27.5°	-3.0°









DNMM, DNMX
DNMG
DNMA, DNGA

	IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
	11 3/8	32	40.0	27°	1	**570-DDUNR/L-32-11**	32		32.0	22.0	10	1.7	0.13	DNMG 11 04 08
			1.575				*1.260*		*1.260*	*.866*	*145*			*DNMG 332*
RMPX	15 1/2	40	50.0	27°	1	**570-DDUNR/L-40-15**	40		32.0	27.0	10	3.9	0.21	DNMG 15 06 08
			1.969				*1.575*		*1.260*	*1.063*	*145*			*DNMG 442*
	11 3/8	32	40.0	60°	1	**570-DDXNR/L-32-11**	32	31.1	20.0	22.0	10	1.7	0.12	DNMG 11 04 08
			1.575				*1.260*	*1.224*	*.787*	*.866*	*145*			*DNMG 332*
RMPX	15 1/2	40	50.0	60°	1	**570-DDXNR/L-40-15-L**	40	36.0	22.0	27.0	10	3.9	0.22	DNMG 15 06 08
			1.969				*1.575*	*1.417*	*.866*	*1.063*	*145*			*DNMG 442*

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DDUNR/L-32-11	5513 020-04	5322 267-01	5412 028-011	5638 031-01
570-DDXNR/L-32-11	5513 020-04	5322 267-01	5412 028-011	5638 031-01
570-DDUNR/L-40-15	5513 020-02	5322 266-02	5412 028-021	5638 031-01
570-DDXNR/L-40-15-L	5513 020-02	5322 266-02	5412 028-021	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H5 H2

T-Max® P head for turning

Rigid clamp design

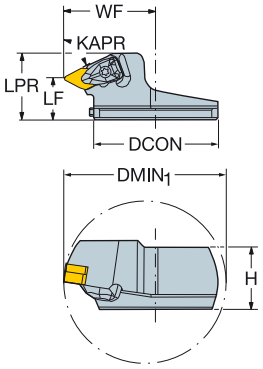
CoroTurn® SL Quick Change

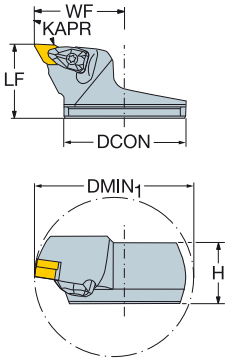
	570-DDXNR/L-80	570-DDUNR/L-80
KAPR	62.5°	93.0°
PSIR	27.5°	-3.0°

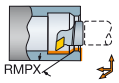
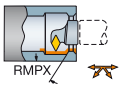




DNMM, DNMX
DNMG
DNMA, DNGA





							Dimensions, mm, inch							
		IC	CZC_{MS}	$DMIN_1$	RMPX	Ordering code	DCON	H	LPR	LF	WF	NM	KG	MIID
	15	1/2	80	100.0	27°	**570-DDUNR/L-80-15**	80	37.5		45.0	57.0	3.9	0.55	DNMG 15 06 08
				3.937			*3.150*	*1.476*		*1.772*	*2.244*			*DNMG 442*
	15	1/2	80	100.0	60°	**570-DDXNR/L-80-15**	80	37.5	40.3	25.0	57.0	3.9	0.50	DNMG 15 06 08
				3.937			*3.150*	*1.476*	*1.587*	*.984*	*2.244*			*DNMG 442*

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Adjustment screw
570-DDUNR/L-80-15	5513 020-02	5322 266-02	5412 028-021	5514 060-12
570-DDXNR/L-80-15	5513 020-02	5322 266-02	5412 028-021	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H2

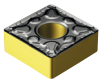
T-Max® P head for turning

Rigid clamp design

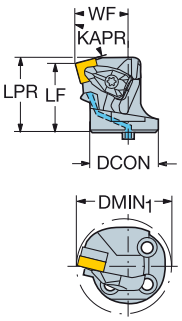
CoroTurn® SL - Internal coolant supply

KAPR 75.0°
PSIR 15.0°









	IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
12	1/2	40	50.0	10°	1	**570-DSKNR/L-40-12**	40	41.1	38.0	27.0	10	3.9	0.27	SNMG 12 04 08
			1.969				*1.575*	*1.616*	*1.496*	*1.063*	*145*			*SNMG 432*
15	5/8	40	55.0	10°	1	**570-DSKNR/L-40-15**	40	39.1	36.0	29.0	10	6.4	0.31	SNMG 15 06 08
			2.165				*1.575*	*1.537*	*1.417*	*1.142*	*145*			*SNMG 542*

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DSKNR/L-40-12	5513 020-02	5322 426-02	5412 028-021	5638 031-01
570-DSKNR/L-40-15	5513 020-07	5322 425-03	5412 028-031	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H5 H2

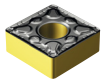
T-Max® P head for turning

Rigid clamp design

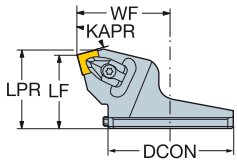
CoroTurn® SL Quick Change

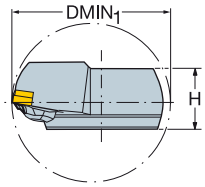
KAPR	75.0°
PSIR	15.0°





SNMM
SNMG
SNMA, SNGA





						Dimensions, mm, inch							
	IC	CZC_{MS}	$DMIN_1$	RMPX	Ordering code	DCON	H	LPR	LF	WF	NM	KG	MIID
	15	5/8	80	100.0	10°	**570-DSKNR/L-80-15**	80	37.5	48.1	45.0	57.0	6.4	0.60	SNMG 15 06 12
				3.937			*3.150*	*1.476*	*1.892*	*1.772*	*2.244*			*SNMG 543*

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Adjustment screw
570-DSKNR/L-80-15	5513 020-07	5322 425-03	5412 028-031	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H2

T-Max® P head for turning

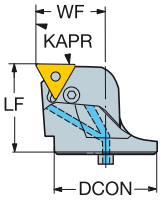
Lever clamp design

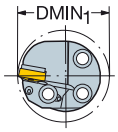
CoroTurn® SL - Precision coolant supply

KAPR 91.0°
PSIR -1.0°

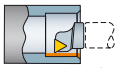








TNMM, TNMX
TNMG
TNMA, TNGA

	IC		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	16	3/8	32	40.0	1	**SL-PTFNR/L-32-16HP**	32	35.0	22.0	80	2.0	0.16	TNMG 16 04 08
				1.575			*1.260*	*1.378*	*.866*	*1160*			*TNMG 332*
			40	50.0	1	**SL-PTFNR/L-40-16HP**	40	35.0	27.0	80	2.0	0.23	TNMG 16 04 08
				1.969			*1.575*	*1.378*	*1.063*	*1160*			*TNMG 332*

R = Right hand, L = Left hand

Spare parts					
Lever	Screw	Shim	Shim pin	Locating tube	Nozzle
174.3-840M	174.3-820M	179.3-850M	174.3-860	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com


A174


F2



H37



H5

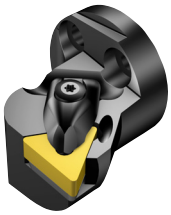

H2

T-Max® P head for turning

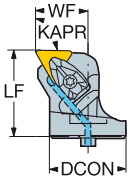
Rigid clamp design

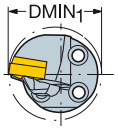
CoroTurn® SL - Internal coolant supply

KAPR 91.0°
PSIR -1.0°

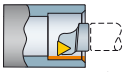








TNMM, TNMX
TNMG
TNMA, TNGA

	IC		CZC$_{MS}$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	16	3/8	32	40.0	1	570-DTFNR/L-32-16-L	32	36.0	22.0	10	1.7	0.15	TNMG 16 04 08
				1.575			*1.260*	*1.417*	*.866*	*145*			*TNMG 332*
			40	50.0	1	570-DTFNR/L-40-16-L	40	36.0	27.0	10	1.7	0.23	TNMG 16 04 08
				1.969			*1.575*	*1.417*	*1.063*	*145*			*TNMG 332*

R = Right hand, L = Left hand

Spare parts

Shim screw	Shim	Clamp set	Locating tube
5513 020-04	5322 316-01	5412 028-011	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H5 H2

T-Max® P head for turning

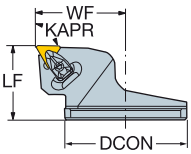
Rigid clamp design

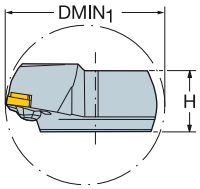
CoroTurn® SL Quick Change

KAPR 91.0°
PSIR -1.0°

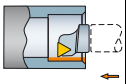








TNMM, TNMX
TNMG
TNMA, TNGA

	IC	CZC_{MS}	$DMIN_1$	Ordering code	Dimensions, mm, inch DCON	H	LF	WF	NM	KG	MIID
	16 3/8	80	100.0	**570-DTFNR/L-80-16**	80	37.5	45.0	57.0	1.7	0.60	TNMG 16 04 08
			3.937		*3.150*	*1.476*	*1.772*	*2.244*			*TNMG 332*

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Adjustment screw
570-DTFNR/L-80-16	5513 020-04	5322 316-01	5412 028-011	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H2

T-Max® P head for turning

Rigid clamp design

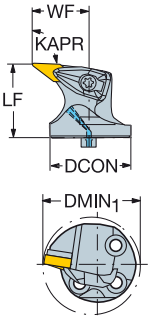
CoroTurn® SL - Internal coolant supply

KAPR 93.0°
PSIR -3.0°





VNMG



								Dimensions, mm, inch						
			CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	16	3/8	40	52.0	25°	1	570-DVUNR/L-40-16	40	36.0	30.0	10	3.0	0.24	VNMG 16 04 08
				2.047				*1.575*	*1.417*	*1.181*	*145*			*VNMG 332*

RMPX

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DVUNR/L-40-16	5513 020-09	5322 269-01	5412 028-061	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H5 H2

T-Max® P head for back boring

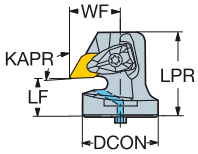
Rigid clamp design

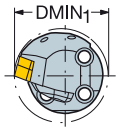
CoroTurn® SL - Internal coolant supply

KAPR	93.0°
PSIR	-3.0°



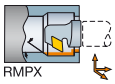






DNMM, DNMX
DNMG
DNMA, DNGA

	IC	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
							Dimensions, mm, inch							
15	1/2	40	50.0	27°	1	**570-DDUNR/L-40-15X**	40	44.7	20.0	27.0	10	3.9	0.28	DNMG 15 06 08
			1.969				*1.575*	*1.760*	*.787*	*1.063*	*145*			*DNMG 442*



R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DDUNR/L-40-15X	5513 020-02	5322 266-02	5412 028-021	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H5 H2

T-Max® P head for back boring

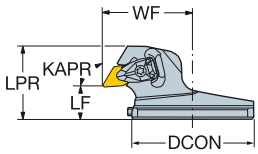
Rigid clamp design

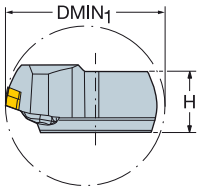
CoroTurn® SL Quick Change

KAPR 93.0°
PSIR -3.0°









DNMM, DNMX
DNMG
DNMA, DNGA

							Dimensions, mm, inch							
	IC		CZC_{MS}	$DMIN_1$	RMPX	Ordering code	DCON	H	LPR	LF	WF	NM	KG	MIID
	15	1/2	80	100.0	27°	**570-DDUNR/L-80-15X**	80	37.5	45.0	20.0	57.0	3.9	0.55	DNMG 15 06 08
				3.937			*3.150*	*1.476*	*1.772*	*.787*	*2.244*			*DNMG 442*

RMPX

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Adjustment screw
570-DDUNR/L-80-15X	5513 020-02	5322 266-02	5412 028-021	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

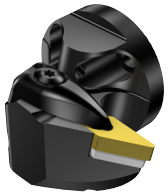
A174 F2 H37 H2

T-Max® P head for back boring

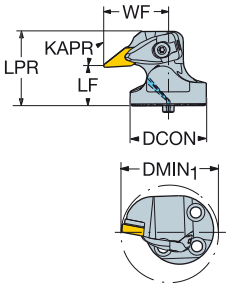
Rigid clamp design

CoroTurn® SL - Internal coolant supply

KAPR 93.0°
PSIR -3.0°







VNMG

								Dimensions, mm, inch							
			CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
RMPX	16	3/8	40	56.0	25°	1	570-DVUNR/L-40-16X	40	38.5	20.0	34.0	10	3.0	0.26	VNMG 16 04 08
				2.205				*1.575*	*1.516*	*.787*	*1.339*	*145*			*VNMG 332*

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DVUNR/L-40-16X	5513 020-09	5322 269-01	5412 028-061	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H5 H2

T-Max® P head for back boring

Rigid clamp design

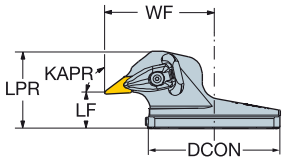
CoroTurn® SL Quick Change

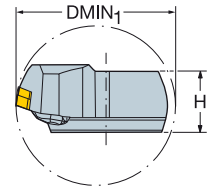
KAPR 93.0°
PSIR -3.0°





VNMG





							Dimensions, mm, inch							
												NM	KG	
			CZC_{MS}	$DMIN_1$	RMPX	**Ordering code**	DCON	H	LPR	LF	WF			MIID
	16	3/8	80	100.0	30°	**570-DVUNR/L-80-16X**	80	37.5	45.0	20.0	64.0	3.0	0.55	VNMG 16 04 08
				3.937			*3.150*	*1.476*	*1.772*	*.787*	*2.520*			*VNMG 332*

RMPX

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Adjustment screw
570-DVUNR/L-80-16X	5513 020-09	5322 269-01	5412 028-061	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

A174 F2 H37 H2

T-Max® and T-Max® S

For advanced material machining

Application

- Longitudinal turning
- Face turning
- Profiling
- Roughing to finishing



ISO application area:

K N S H

Benefits and features

Productive solution with wiper and Xcel technologies
- Reliable and secure machining, even in roughing applications
- Double-sided inserts with strong edges
- Secure and rigid-clamping and top clamp

Inserts

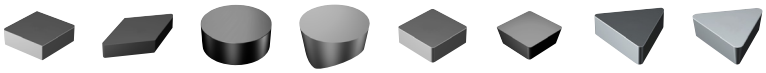
- T-Max® and T-Max® S holders both use T-Max® inserts, without holes.

Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads

Advanced cutting materials

Ceramics



CN.. A294 | DN.. A295 | RN.. A296 | RC/RP.. A297 | SN.. A298 | SP.. A299 | TN.. A300 | TP.. A300

Polycrystalline diamond (PCD)



SP.. A299 | TP.. A300



A301



A322

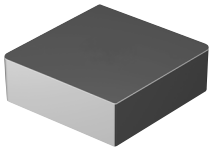


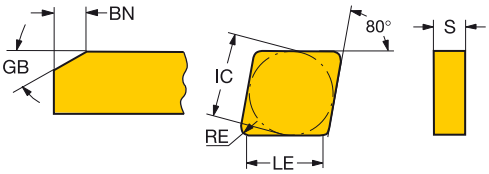
H28

T-Max® insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials





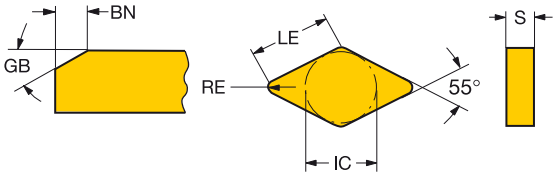
	IC		LE	S	RE	GB	BN	ISO CODE	K 6190	K 650	K 7925	S 6060	S 6065	S 650	S 670	ANSI CODE
Finishing	12	1/2	12.1	7.94	0.8	20°	0.25	CNGN 12 07 08T02520	★							CNG452T0820
			.476	.313	.031	20°	.010									
			12.1	4.76	0.8	20°	0.10	CNGN120408T01020		★				☆	★	CNG432T0320
			.476	.187	.031	20°	.004									
			11.7	4.76	1.2	20°	0.25	CNGN120412S02520M			★					CNG433S0820M
			.460	.187	.047	20°	.010									
			11.7	4.76	1.2	20°	0.10	CNGN120412T01020		★				☆	★	CNG433T0320
			.460	.187	.047	20°	.004									
			11.7	4.76	1.2	20°	0.25	CNGN120412T02520	☆	★				☆	★	CNG433T0820
			.460	.187	.047	20°	.010									
			11.3	4.76	1.6	20°	0.25	CNGN120416S02520M			★					CNG434S0820M
			.445	.187	.062	20°	.010									
			11.3	4.76	1.6	20°	0.10	CNGN120416T01020		★				☆	★	CNG434T0320
			.445	.187	.062	20°	.004									
			11.7	7.94	1.2	20°	0.25	CNGN120712T02520	☆	★				☆		CNG453T0820
			.460	.313	.047	20°	.010									
			11.3	7.94	1.6	20°	0.25	CNGN120716T02520	★							CNG454T0820
			.445	.313	.062	20°	.010									
			11.7	7.94	1.2			CNGN120712E					★			CNG453A
			.460	.313	.047											
	16	5/8	14.5	7.94	1.6	20°	0.10	CNGN 16 07 16T01020		★				★		CNG554T0320
			.572	.313	.062	20°	.004									
			15.3	7.94	0.8	20°	0.10	CNGN160708T01020		★				☆		CNG552T0320
			.603	.313	.031	20°	.004									
			14.9	7.94	1.2	20°	0.10	CNGN160712T01020		★				☆	★	CNG553T0320
			.587	.313	.047	20°	.004									
Medium	12	1/2	12.1	7.94	0.8	20°	0.10	CNGN120708T01020		★				☆	★	CNG452T0320
			.476	.313	.031	20°	.004									
			11.7	7.94	1.2	20°	0.10	CNGN120712T01020		★		☆		☆	★	CNG453T0320
			.460	.313	.047	20°	.004									
			11.3	7.94	1.6	20°	0.10	CNGN120716T01020		★				☆	★	CNG454T0320
			.445	.313	.062	20°	.004									

T-Max® insert for turning

D-style insert (Rhombic 55°)

Advanced cutting materials



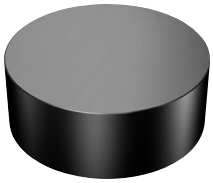


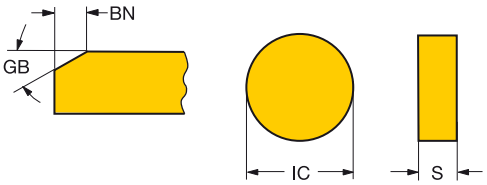
		IC	LE	S	RE	GB	BN	ISO CODE	K 650	S 650	S 670	ANSI CODE
Finishing	15	1/2	14.7	4.76	0.79	20°	0.10	DNGN150408T01020	★	☆	★	DNG432T0320
			.579	.187	.031	20°	.004					
			14.3	4.76	1.19	20°	0.10	DNGN150412T01020			★	DNG433T0320
			.563	.187	.047	20°	.004					
			14.7	7.94	0.79	20°	0.10	DNGN150708T01020	★	☆	★	DNG452T0320
			.579	.313	.031	20°	.004					
			14.3	7.94	1.19	20°	0.10	DNGN150712T01020	★	☆	★	DNG453T0320
			.563	.313	.047	20°	.004					
			14.3	7.94	1.19	20°	0.25	DNGN150712T02520	★	★		DNG453T0820
			.563	.313	.047	20°	.010					
			13.9	7.94	1.59	15°	0.70	DNGN150716K07015	★	★		DNG454K3015
			.547	.313	.062	15°	.028					
			13.9	7.94	1.59	20°	0.10	DNGN150716T01020	★	☆	★	DNG454T0320
			.547	.313	.062	20°	.004					
			13.9	7.94	1.59	15°	0.70	DNGN150716T07015	★	★		DNG454T3015
			.547	.313	.062	15°	.028					

T-Max® insert for turning

R-style insert (Round)

Advanced cutting materials





	IC	S	RE	GB	BN	ISO CODE	K 6190	K 650	K 7925	S 6060	S 6065	S 6160	S 650	S 670	ANSI CODE
Finishing	06	3.18	3.0	20°	0.25	RNGN060300S02520M			★						RNG22S1020M
		.125	.118	20°	.010										
	09	3.18	4.8	20°	0.25	RNGN090300S02520M			★						RNG32S1020M
		.125	.187	20°	.010										
		3.18	4.8	20°	0.10	RNGN090300T01020		★					☆	★	RNG32T0320
		.125	.187	20°	.004										
	12	3.18	6.4	20°	0.25	RNGN120300S02520M			★						RNG42S1020M
		.125	.250	20°	.010										
		4.76	6.4	20°	0.25	RNGN120400S02520M			★						RNG43S1020M
		.187	.250	20°	.010										
		4.76	6.4	20°	0.10	RNGN120400T01020		★					☆	★	RNG43T0320
		.187	.250	20°	.004										
		4.76	6.4	20°	0.25	RNGN120400T02520	★								RNG43T0820
		.187	.250	20°	.010										
		7.94	6.4	15°	1.50	RNGN120700K15015		★					★		RNG45K6015
		.313	.250	15°	.059										
		7.94	6.4	20°	0.25	RNGN120700T02520	☆	★					★		RNG45T0820
		.313	.250	20°	.010										
		7.94	6.4	15°	1.50	RNGN120700T15015		★					★		RNG45T6015
		.313	.250	15°	.059										
	15	7.94	7.9	20°	0.10	RNGN150700T01020								★	RNG55T0320
		.313	.313	20°	.004										
		7.94	7.9	20°	0.25	RNGN150700T02520		★					★		RNG55T0820
		.313	.313	20°	.010										
		7.94	7.9	15°	2.00	RNGN150700T20015		★					★		RNG55T8015
		.313	.313	15°	.079										
	19	7.94	9.5	15°	2.00	RNGN190700K20015		★					☆	★	RNG65K8015
		.313	.375	15°	.079										
		7.94	9.5	15°	2.00	RNGN190700T20015		★					★		RNG65T8015
		.313	.375	15°	.079										
Medium	09	3.18	4.8			RNGN090300E				★					RNG32A
		.125	.187												
	12	7.94	6.4	20°	0.10	RNGN120700T01020		★		☆		☆	☆	★	RNG45T0320
		.313	.250	20°	.004										
		4.76	6.4			RNGN120400E		★		☆	☆		★		RNG43A
		.187	.250												
		7.94	6.4			RNGN120700E				☆	☆	☆		★	RNG45A
		.313	.250												
	19	7.94	9.5	20°	0.10	RNGN190700T01020								★	RNG65T0320
		.313	.375	20°	.004										
		7.94	9.5			RNGN190700E				★					RNG65A
		.313	.375												

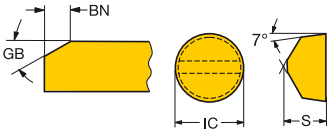
T-Max® insert for turning

R-style insert (Round)

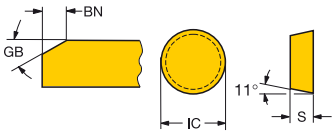
Advanced cutting materials



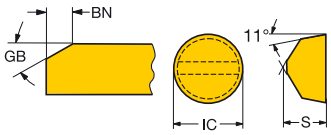
RCGX..K/T



RPGN..S/T



RPGX..S/T



	IC	S	RE	GB	BN	ISO CODE	K 650	S 6060	S 6065	S 6160	S 650	S 670	ANSI CODE
Finishing	06	1/4	3.18	3.2	20°	0.10	RPGN060300T01020					★	RPG22T0320
		.125	.125	20°	.004								
		6.35	3.2	20°	0.10	RPGX060600T01020					★	RPGX24T0320
		.250	.125	20°	.004								
	09	3/8	7.94	4.8	15°	0.70	RCGX090700T07015	★				★	RCGX35T3015
		.313	.187	15°	.028								
		3.18	4.8	20°	0.10	RPGN090300T01020	★				☆	★	RPG32T0320
		.125	.187	20°	.004								
	12	1/2	7.94	6.4	15°	1.50	RCGX120700K15015	★				★	RCGX45K6015
		.313	.250	15°	.059								
		7.94	6.4	20°	0.25	RCGX120700T02520	★				★		RCGX45T0820
		.313	.250	20°	.010								
		7.94	6.4	15°	1.50	RCGX120700T15015	★				★		RCGX45T6015
		.313	.250	15°	.059								
		4.76	6.4	20°	0.10	RPGN120400T01020						★	RPG43T0320
		.187	.250	20°	.004								
	15	5/8	10.00	7.9	15°	2.00	RCGX151000T20015	★				★		RCGX5(6.3)T8015
		.394	.313	15°	.079								
	19	3/4	10.00	9.5	15°	2.00	RCGX191000K20015	★				★		RCGX6(6.3)K8015
		.394	.375	15°	.079								
		10.00	9.5	15°	2.00	RCGX191000T20015	★				★		RCGX6(6.3)T8015
		.394	.375	15°	.079								
Medium	06	1/4	6.35	3.2	20°	0.10	RCGX060600T01020	★				☆	★	RCGX24T0320
		.250	.125	20°	.004								
		6.35	3.2			RCGX060600E	★	☆	☆		☆	★	RCGX24A
		.250	.125										
		3.18	3.2			RPGN060300E		☆		★			RPG22A
		.125	.125										
	09	3/8	7.94	4.8	20°	0.10	RCGX090700T01020	★	☆			☆	★	RCGX35T0320
		.313	.187	20°	.004								
		7.94	4.8	20°	0.10	RPGX090700T01020		☆				★	RPGX35T0320
		.313	.187	20°	.004								
		7.94	4.8			RCGX090700E	★	☆	☆	☆	☆	★	RCGX35A
		.313	.187										
		3.18	4.8			RPGN090300E		☆		★			RPG32A
		.125	.187										
		7.94	4.8			RPGX090700E		☆		★			RPGX35A
		.313	.187										
	12	1/2	7.94	6.4	20°	0.10	RCGX120700T01020	★	☆			☆	★	RCGX45T0320
		.313	.250	20°	.004								
		7.94	6.4	20°	0.10	RPGX120700T01020		☆				★	RPGX45T0320
		.313	.250	20°	.004								
		7.94	6.4			RCGX120700E		☆	☆	☆		★	RCGX45A
		.313	.250										
		4.76	6.4			RPGN120400E		☆		★			RPG43A
		.187	.250										
		7.94	6.4			RPGX120700E		☆		★			RPGX45A
		.313	.250										

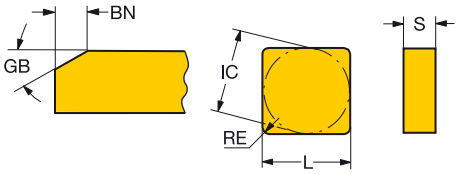
A301 A322 A334 A365 H37 H28 H6 H3

T-Max® insert for turning

S-style insert (Square)

Advanced cutting materials





	IC	LE	S	RE	GB	BN	ISO CODE	K 6190	K 650	K 7925	S 6060	S 6065	S 650	S 670	ANSI CODE
Finishing	09	3/8	8.7	3.18	0.8	20°	0.10	SNGN090308T01020		★				☆	★	SNG322T0320
			.344	.125	.031	20°	.004									
			8.3	3.18	1.2	20°	0.25	SNGN090312S02520M			★					SNG323S1020M
			.328	.125	.047	20°	.010									
			8.3	3.18	1.2	20°	0.10	SNGN090312T01020		★				★		SNG323T0320
			.328	.125	.047	20°	.004									
	12	1/2	11.1	4.76	1.6	20°	0.10	SNGN 12 04 16T01020		★				☆	★	SNG434T0320
			.437	.187	.062	20°	.004									
			11.9	4.76	0.8	20°	0.10	SNGN120408T01020		★				☆	★	SNG432T0320
			.469	.187	.031	20°	.004									
			11.9	4.76	0.8	20°	0.25	SNGN120408T02520	★							SNG432T0820
			.469	.187	.031	20°	.010									
			11.5	4.76	1.2	20°	0.25	SNGN120412S02520M			★					SNG433S1020M
			.453	.187	.047	20°	.010									
			11.5	4.76	1.2	20°	0.10	SNGN120412T01020		★				☆	★	SNG433T0320
			.453	.187	.047	20°	.004									
			11.5	4.76	1.2	20°	0.25	SNGN120412T02520	★	★				★		SNG433T0820
			.453	.187	.047	20°	.010									
			11.1	4.76	1.6	20°	0.25	SNGN120416S02520M			★					SNG434S1020M
			.437	.187	.062	20°	.010									
			11.1	4.76	1.6	20°	0.25	SNGN120416T02520	★							SNG434T0820
			.437	.187	.062	20°	.010									
			11.9	7.94	0.8	20°	0.10	SNGN120708T01020		★				☆	★	SNG452T0320
			.469	.313	.031	20°	.004									
			11.9	7.94	0.8	20°	0.25	SNGN120708T02520	★							SNG452T0820
			.469	.313	.031	20°	.010									
			11.5	7.94	1.2	20°	0.25	SNGN120712T02520	☆	★				★		SNG453T0820
			.453	.313	.047	20°	.010									
			11.1	7.94	1.6	15°	1.50	SNGN120716K15015		★				★		SNG454K6015
			.437	.313	.062	15°	.059									
			11.1	7.94	1.6	20°	0.10	SNGN120716T01020		★				☆	★	SNG454T0320
			.437	.313	.062	20°	.004									
			11.1	7.94	1.6	20°	0.25	SNGN120716T02520	★							SNG454T0820
			.437	.313	.062	20°	.010									
			11.1	7.94	1.6	15°	1.50	SNGN120716T15015		★				★		SNG454T6015
			.437	.313	.062	15°	.059									
			11.5	4.76	1.2			SNGN120412E					★			SNG433A
			.453	.187	.047											
	15	5/8	15.1	7.94	0.8	20°	0.10	SNGN150708T01020		★				★		SNG552T0320
			.594	.313	.031	20°	.004									
			14.7	7.94	1.2	20°	0.10	SNGN150712T01020							★	SNG553T0320
			.578	.313	.047	20°	.004									
			14.3	7.94	1.6	20°	0.10	SNGN150716T01020		★				☆	★	SNG554T0320
			.562	.313	.062	20°	.004									
			14.3	7.94	1.6	20°	0.25	SNGN150716T02520	★							SNG554T0820
			.562	.313	.062	20°	.010									
	19	3/4	17.5	7.94	1.6	20°	0.10	SNGN190716T01020		★				★		SNG654T0320
			.687	.313	.062	20°	.004									
			16.7	7.94	2.4	20°	0.10	SNGN190724T01020		★				☆	★	SNG656T0320
			.656	.313	.094	20°	.004									
Medium	12	1/2	11.5	7.94	1.2	20°	0.10	SNGN120712T01020		★		☆		☆	★	SNG453T0320
			.453	.313	.047	20°	.004									
			11.5	7.94	1.2			SNGN120712E				★				SNG453A
			.453	.313	.047											
	19	3/4	16.7	7.94	2.4			SNGN190724E				★				SNG656A
			.656	.313	.094											

A301 A322 A334 A365 H37 H28 H6 H3

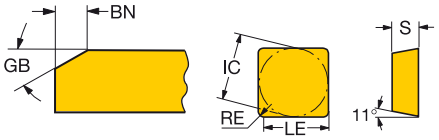
SANDVIK Coromant

T-Max® insert for turning

S-style insert (Square)

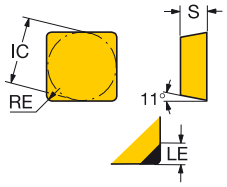
Advanced cutting materials





	IC	LE	S	RE	GB	BN	ISO CODE	K 650	S 650	ANSI CODE
Finishing	1/2	11.9	4.76	0.8	20°	0.10	SPGN120408T01020	★	★	SPG432T0320
		.469	.187	.031	20°	.004				
		11.5	4.76	1.2	20°	0.10	SPGN120412T01020	★	★	SPG433T0320
		.453	.187	.047	20°	.004				





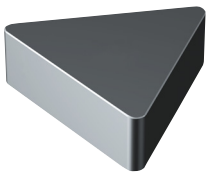
	IC	LE	S	RE	ISO CODE	N CD10	ANSI CODE
Finishing	1/2	4.6	3.18	0.4	SPUN120304FP	★	SPU421FP
		.181	.125	.016			

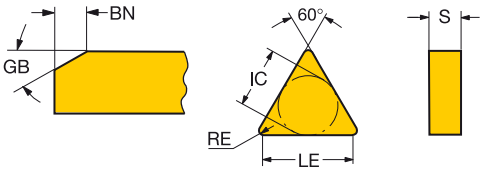
A301 A322 A334 A365 H37 H28 H6 H3

T-Max® insert for turning

T-style insert (Triangular)

Advanced cutting materials



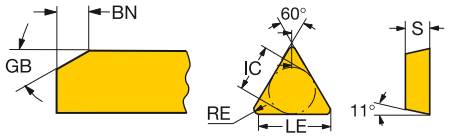


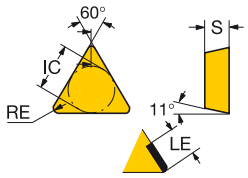
	IC	LE	S	RE	GB	BN	ISO CODE	K 650	S 650	S 670	ANSI CODE
Finishing	11	1/4	10.2	3.18	0.79	20°	0.10	TNGN110308T01020	★	★		TNG222T0320
			.401	.125	.031	20°	.004					
	16	3/8	15.7	4.76	0.79	20°	0.10	TNGN160408T01020	★	☆	★	TNG332T0320
			.618	.187	.031	20°	.004					
			15.3	4.76	1.19	20°	0.10	TNGN160412T01020	★	☆	★	TNG333T0320
			.602	.187	.047	20°	.004					
			14.9	4.76	1.59	20°	0.10	TNGN160416T01020	★	★		TNG334T0320
			.587	.187	.062	20°	.004					
			15.7	7.94	0.79	20°	0.10	TNGN160708T01020	★	★		TNG352T0320
			.618	.313	.031	20°	.004					
			15.3	7.94	1.19	20°	0.10	TNGN160712T01020	★	★		TNG353T0320
			.602	.313	.047	20°	.004					
	22	1/2	21.2	4.76	0.79	20°	0.10	TNGN220408T01020			★	TNG432T0320
			.835	.187	.031	20°	.004					

TPGN..S/T

TPUN..FP







	IC	LE	S	RE	GB	BN	ISO CODE	K 650	N CD10	S 650	S 670	ANSI CODE
Finishing	11	1/4	10.6	3.18	0.4	20°	0.10	TPGN110304T01020	★		★		TPG221T0320
			.417	.125	.016	20°	.004						
			10.2	3.18	0.8	20°	0.10	TPGN110308T01020	★		☆	★	TPG222T0320
			.401	.125	.031	20°	.004						
			2.7	3.18	0.4			TPUN110304FP		★			TPU221FP
			.106	.125	.016								
	16	3/8	16.1	3.18	0.4	20°	0.10	TPGN160304T01020	★		★		TPG321T0320
			.634	.125	.016	20°	.004						
			15.7	3.18	0.8	20°	0.10	TPGN160308T01020	★		☆	★	TPG322T0320
			.618	.125	.031	20°	.004						
			15.3	3.18	1.2	20°	0.10	TPGN160312T01020	★		☆	★	TPG323T0320
			.602	.125	.047	20°	.004						
			15.7	3.18	0.8			TPGN160308E	★		★		TPG322A
			.618	.125	.031								
			2.7	3.18	0.4			TPUN160304FP		★			TPU321FP
			.106	.125	.016								
			7.4	3.18	0.4			TPUN160304FR/LP		★			TPU321FLP
			.291	.125	.016								

A301 A322 A334 A365 H28 H37 H6

SANDVIK Coromant

T-Max® cutting unit for turning

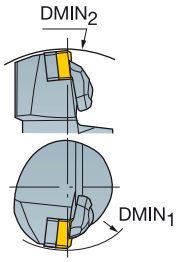
Rigid clamp design for ceramic inserts

Coromant Capto® - Internal coolant supply

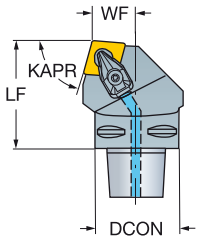


CNG

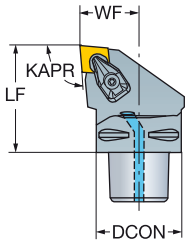
KAPR
PSIR

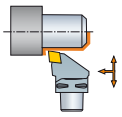
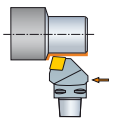


Cx-CCRNR/L
75.0°
15.0°



Cx-CCLNR/L
95.0°
-5.0°



								Dimensions, mm, inch						
	IC		CZC_{MS}	$DMIN_1$	$DMIN_2$	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
	12	1/2	C4	110.0	140.0	3	C4-CCLNR/L-27050-12-4	40	50.0	27.0	10	3.0	0.45	CNGN 12 07 08
				4.331	*5.512*			*1.575*	*1.969*	*1.063*	*145*			*CNG 452*
			C5	110.0	165.0	3	C5-CCLNR/L-35060-12-4	50	60.0	35.0	10	3.0	0.80	CNGN 12 07 08
				4.331	*6.496*			*1.969*	*2.362*	*1.378*	*145*			*CNG 452*
			C6	110.0	190.0	3	C6-CCLNR/L-45065-12-4	63	65.0	45.0	10	3.0	1.33	CNGN 12 07 08
				4.331	*7.480*			*2.480*	*2.559*	*1.772*	*145*			*CNG 452*
	16	5/8	C5	125.0	165.0	3	C5-CCLNR/L-35060-16-4	50	60.0	35.0	10	6.4	0.85	CNGN 16 07 12
				4.921	*6.496*			*1.969*	*2.362*	*1.378*	*145*			*CNG 553*
			C6	125.0	190.0	3	C6-CCLNR/L-45065-16-4	63	65.0	45.0	10	6.4	1.36	CNGN 16 07 12
				4.921	*7.480*			*2.480*	*2.559*	*1.772*	*145*			*CNG 553*
	12	1/2	C4		140.0	3	C4-CCRNR/L-22050-12-4	40	50.0	22.0	10	3.0	0.44	CNGN 12 07 08
					5.512			*1.575*	*1.969*	*.866*	*145*			*CNG 452*
			C5		165.0	3	C5-CCRNR/L-27060-12-4	50	60.0	27.0	10	3.0	0.75	CNGN 12 07 08
					6.496			*1.969*	*2.362*	*1.063*	*145*			*CNG 452*
	16	5/8	C5		165.0	3	C5-CCRNR/L-27060-16-4	50	60.0	27.0	10	6.4	0.79	CNGN 16 07 12
					6.496			*1.969*	*2.362*	*1.063*	*145*			*CNG 553*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

			Spare parts			
IC		CZC_{MS}	Shim	Shim screw	Clamp set	Nozzle
12	1/2	C4-C6	5322 234-02	5513 020-02	5412 034-021	5691 045-01
16	5/8	C5-C6	5322 234-04	5513 020-07	5412 034-031	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A294 F2 E3 G2 H37 H10 H5

T-Max® cutting unit for turning

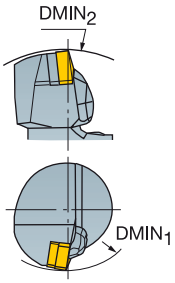
Rigid clamp design for ceramic inserts

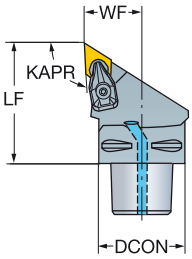
Coromant Capto® - Internal coolant supply

KAPR 93.0°
PSIR -3.0°

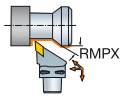








DNG

	IC	CZC_{MS}	$DMIN_1$	$DMIN_2$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR PSI	NM	KG	MIID
			Dimensions, mm, inch											
	15 1/2	C5	110.0	165.0	27°	3	C5-CDJNR/L-35060-15-4	50	60.0	35.0	10	3.9	0.73	DNGN 15 07 08
			4.331	*6.496*				*1.969*	*2.362*	*1.378*	*145*			*DNG 452*
		C6	110.0	190.0	27°	3	C6-CDJNR/L-45065-15-4	63	65.0	45.0	10	3.9	1.20	DNGN 15 07 08
			4.331	*7.480*				*2.480*	*2.559*	*1.772*	*145*			*DNG 452*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

Spare parts			
Shim	Shim screw	Clamp set	Nozzle
5322 266-03	5513 020-02	5412 034-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A294 F2 E3 G2 H37 H10 H5

SANDVIK Coromant

T-Max® cutting unit for turning

Top clamp design for ceramic inserts

Coromant Capto® - Internal coolant supply

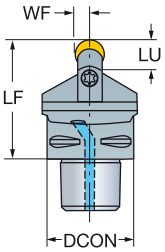




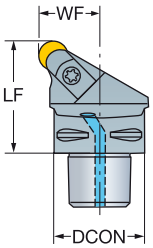


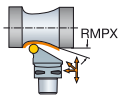
RCGX
RPGX

Cx-CRDCN



Cx-CRSCR/L



	IC		CZC_{MS}	LU	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	09	3/8	C4	12.0	90°	3	C4-CRDCN-00050-09AV	40	50.0	5.0	10	7.5	0.44	RCGX 09 07 00
				.472				*1.575*	*1.969*	*.197*	*145*			*RCGX 35*
			C5	29.0	90°	3	C5-CRDCN-00060-09AV	50	60.0	4.8	10	7.5	0.58	RCGX 09 07 00
				1.142				*1.969*	*2.362*	*.187*	*145*			*RCGX 35*
	12	1/2	C4	15.0	90°	3	C4-CRDCN-00055-12AV	40	55.0	6.4	10	7.5	0.46	RCGX 12 07 00
				.591				*1.575*	*2.165*	*.250*	*145*			*RCGX 45*
			C5	38.0	90°	3	C5-CRDCN-00060-12AV	50	60.0	6.4	10	7.5	0.60	RCGX 12 07 00
				1.496				*1.969*	*2.362*	*.250*	*145*			*RCGX 45*
	09	3/8	C5		12°	3	C5-CRSCR/L-35060-09V	50	60.0	35.0	10	7.5	0.70	RCGX 09 07 00
								1.969	*2.362*	*1.378*	*145*			*RCGX 35*
	12	1/2	C5		12°	3	C5-CRSCR/L-35060-12V	50	60.0	35.0	10	7.5	0.78	RCGX 12 07 00
								1.969	*2.362*	*1.378*	*145*			*RCGX 45*

N = Neutral, R = Right hand, L = Left hand

			Spare parts				
		CZC_{MS}	Clamp	Clamping screw	Seat	Seat screw	Nozzle
09	3/8	C4	5412 100-01	3212 035-452	5321 065-01	3212 106-352	5691 029-01
09	3/8	C5	5412 100-01	3212 035-452	5321 065-01	3212 106-352	5691 029-02
12	1/2	C4	5412 100-02	3212 036-504	5321 065-02	3212 105-453	5691 029-01
12	1/2	C5	5412 100-02	3212 036-504	5321 065-02	3212 105-453	5691 029-02

For the complete list of spare parts, visit www.sandvik.coromant.com


A294


F2


E3


G2



H37



H10



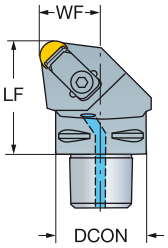
H5

T-Max® cutting unit for turning

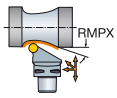
Top clamp design for ceramic inserts

Coromant Capto® - Internal coolant supply





RNGA
RNGN

	IC	CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	09	3/8	C3	7°	3	**C3-CRSNR/L-22040-09ID**	32	40.0	22.0	10	7.5	0.26	RNGN 09 03 00
							1.260	*1.575*	*.866*	*145*			*RNG 32*
	12	1/2	C4	7°	3	**C4-CRSNR/L-27050-12ID**	40	50.0	27.0	10	7.5	0.49	RNGN 12 07 00
							1.575	*1.969*	*1.063*	*145*			*RNG 45*
			C5	7°	3	**C5-CRSNR/L-35060-12ID**	50	60.0	35.0	10	7.5	0.91	RNGN 12 07 00
							1.969	*2.362*	*1.378*	*145*			*RNG 45*
			C6	7°	3	**C6-CRSNR/L-45065-12ID**	63	65.0	45.0	10	7.5	1.56	RNGN 12 07 00
							2.480	*2.559*	*1.772*	*145*			*RNG 45*

R = Right hand, L = Left hand

			Spare parts				
IC		CZC$_{MS}$	Clamp	Pressure plate	Shim	Shim screw	Nozzle
09	3/8	C3	5412 127-01		5321 215-01	3212 100-206	5691 029-01
12	1/2	C4	5412 125-01	5192 020-01	5322 141-01	5513 013-02	5691 029-01
12	1/2	C5-C6	5412 125-01	5192 020-01	5322 141-01	5513 013-02	5691 029-02

For the complete list of spare parts, visit www.sandvik.coromant.com


A294


F2


E3


G2



H37



H10



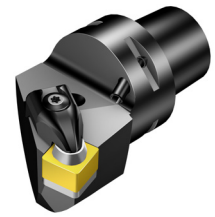
H5

SANDVIK Coromant

T-Max® cutting unit for turning

Rigid clamp design for ceramic inserts

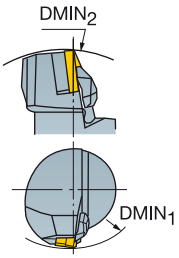
Coromant Capto® - Internal coolant supply



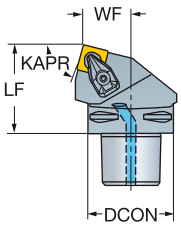


SNG

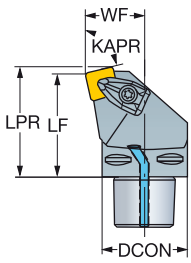
KAPR
PSIR

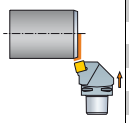
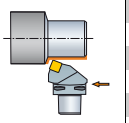


Cx-CSRNR/L
75.0°
15.0°



Cx-CSKNR/L
75.0°
15.0°



	IC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
	12 1/2	C5	110.0		10°	3	C5-CSKNR/L-35060-12-4	50	63.1	60.0	35.0	10	3.9	0.86	SNGN 12 07 08
			4.331					*1.969*	*2.482*	*2.362*	*1.378*	*145*			*SNG 452*
		C6	110.0		10°	3	C6-CSKNR/L-45065-12-4	63	68.1	65.0	45.0	10	3.9	1.38	SNGN 12 07 08
			4.331					*2.480*	*2.679*	*2.559*	*1.772*	*145*			*SNG 452*
	12 1/2	C4		140.0	10°	3	C4-CSRNR/L-22050-12-4	40		50.0	22.0	10	3.9	0.43	SNGN 12 07 08
				5.512				*1.575*		*1.969*	*.866*	*145*			*SNG 452*
		C5		165.0	10°	3	C5-CSRNR/L-27060-12-4	50		60.0	27.0	10	3.9	0.73	SNGN 12 07 08
				6.496				*1.969*		*2.362*	*1.063*	*145*			*SNG 452*
		C6		190.0	10°	3	C6-CSRNR/L-35065-12-4	63		65.0	35.0	10	3.9	1.25	SNGN 12 07 08
				7.480				*2.480*		*2.559*	*1.378*	*145*			*SNG 452*
	15 5/8	C6		190.0	10°	3	C6-CSRNR/L-35065-15-4	63		65.0	35.0	10	6.4	1.30	SNGN 15 07 12
				7.480				*2.480*		*2.559*	*1.378*	*145*			*SNG 553*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

		Spare parts			
IC	CZC$_{MS}$	Shim	Shim screw	Clamp set	Nozzle
12	1/2	C4-C6	5322 425-02	5513 020-02	5412 034-021	5691 045-01
15	5/8	C6	5322 425-05	5513 020-07	5412 034-031	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

 A294
 F2
 E3
 G2
 H37
 H10
 H5

T-Max® cutting unit for turning

Rigid clamp design for ceramic inserts

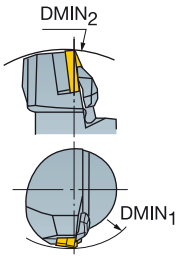
Coromant Capto® - Internal coolant supply



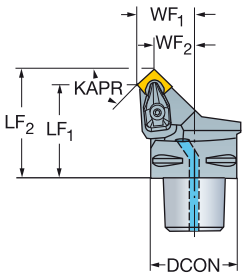


SNG

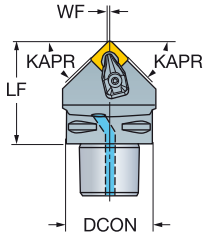
KAPR
PSIR



Cx-CSSNR/L
45.0°
45.0°



Cx-CSDNN
45.0°
45.0°



	IC		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	LF$_1$	LF$_2$	WF	WF$_1$	WF$_2$	BAR PSI	NM	KG	MIID
	12	1/2	C4			40°	50.0	3	C4-CSDNN-00050-12-4	40	50.0			0.3			10	3.9	0.34	SNGN 12 07 08
							1.969			*1.575*	*1.969*			*.012*			*145*			*SNG 452*
			C5			40°	60.0	3	C5-CSDNN-00060-12-4	50	60.0			0.3			10	3.9	0.62	SNGN 12 07 08
							2.362			*1.969*	*2.362*			*.012*			*145*			*SNG 452*
			C6			40°	65.0	3	C6-CSDNN-00065-12-4	63	65.0			0.3			10	3.9	1.21	SNGN 12 07 08
							2.559			*2.480*	*2.559*			*.012*			*145*			*SNG 452*
	15	5/8	C5			40°	60.0	3	C5-CSDNN-00060-15-4	50	60.0			0.5			10	6.4	0.72	SNGN 15 07 12
							2.362			*1.969*	*2.362*			*.020*			*145*			*SNG 553*
			C6			40°	65.0	3	C6-CSDNN-00065-15-4	63	65.0			0.5			10	6.4	1.22	SNGN 15 07 12
							2.559			*2.480*	*2.559*			*.020*			*145*			*SNG 553*
RMPX	12	1/2	C5	110.0	165.0	0°	52.0	3	C5-CSSNR/L-35052-12-4	50		52.0	60.3		35.0	26.7	10	3.9	0.69	SNGN 12 07 08
				4.331	*6.496*		*2.047*			*1.969*		*2.047*	*2.375*		*1.378*	*1.050*	*145*			*SNG 452*
			C6	110.0	190.0	0°	56.0	3	C6-CSSNR/L-45056-12-4	63		56.0	64.3		45.0	36.7	10	3.9	1.12	SNGN 12 07 08
				4.331	*7.480*		*2.205*			*2.480*		*2.205*	*2.532*		*1.772*	*1.444*	*145*			*SNG 452*
	15	5/8	C5	125.0	165.0	0°	50.0	3	C5-CSSNR/L-35050-15-4	50		50.0	60.2		35.0	24.8	10	6.4	0.71	SNGN 15 07 12
				4.921	*6.496*		*1.969*			*1.969*		*1.969*	*2.372*		*1.378*	*.975*	*145*			*SNG 553*
			C6	125.0	190.0	0°	54.0	3	C6-CSSNR/L-45054-15-4	63		54.0	64.2		45.0	34.8	10	6.4	1.14	SNGN 15 07 12
				4.921	*7.480*		*2.126*			*2.480*		*2.126*	*2.529*		*1.772*	*1.369*	*145*			*SNG 553*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

N = Neutral, R = Right hand, L = Left hand

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

		Spare parts			
IC	CZC$_{MS}$	Shim	Shim screw	Clamp set	Nozzle
12	1/2	C4	5322 425-02	5513 020-02	5412 034-021	5691 034-01
12	1/2	C5	5322 425-02	5513 020-02	5412 034-021	5691 029-01
12	1/2	C6	5322 425-02	5513 020-02	5412 034-021	5691 045-01
15	5/8	C5	5322 425-05	5513 020-07	5412 034-031	5691 029-01
15	5/8	C6	5322 425-05	5513 020-07	5412 034-031	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

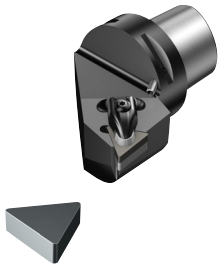
A294 F2 E3 G2 H37 H10 H5

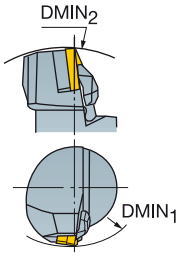
T-Max® cutting unit for turning

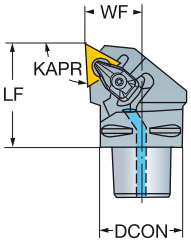
Rigid clamp design for ceramic inserts

Coromant Capto® - Internal coolant supply

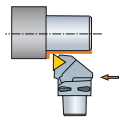
KAPR 91.0°
PSIR -1.0°







TNG

	IC		CZC_{MS}	$DMIN_1$	$DMIN_2$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	22	1/2	C4	110.0	140.0	3	C4-CTGNR/L-27050-22-4	40	50.0	27.0	10	3.9	0.47	TNGN 22 04 08
				4.331	*5.512*			*1.575*	*1.969*	*1.063*	*145*			*TNG 432*
			C5	110.0	165.0	3	C5-CTGNR/L-35060-22-4	50	60.0	35.0	10	3.9	0.85	TNGN 22 04 08
				4.331	*6.496*			*1.969*	*2.362*	*1.378*	*145*			*TNG 432*

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

Spare parts			
Shim	Shim screw	Clamp set	Nozzle
5322 315-04	5513 020-02	5412 034-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A294 F2 E3 G2 H37 H10 H5

T-Max® shank tool for turning

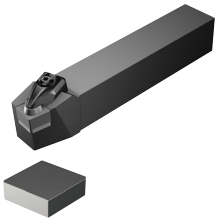
Rigid clamp design for ceramic inserts

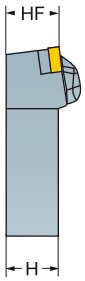
KAPR
PSIR

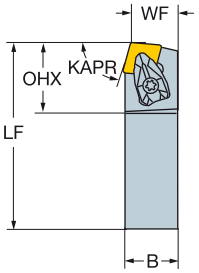
CCBNR/L
75.0°
15.0°

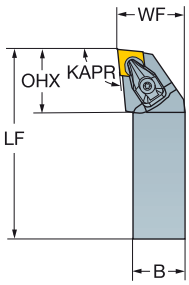
CCLNR/L
95.0°
-5.0°

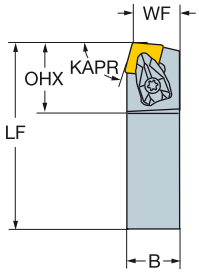
CCRNR/L
75.0°
15.0°











CNG

Metric version

	CZC_{MS}	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	12	25 x 25	34.6	**CCBNR/L 2525M 12-4**	25.0	25.0	150.0	22.0	25.0	3.0	0.42	CNGN 12 07 08
		32 x 25	34.6	**CCBNR/L 3225P 12-4**	25.0	32.0	170.0	22.0	32.0	3.0	1.02	CNGN 12 07 08
	16	32 x 25	41.6	**CCBNR/L 3225P 16-4**	25.0	32.0	170.0	22.0	32.0	6.4	1.13	CNGN 16 07 12
	12	25 x 25	32.0	**CCLNR/L 2525M 12-4**	25.0	25.0	150.0	32.0	25.0	3.0	0.79	CNGN 12 07 08
		32 x 25	32.0	**CCLNR/L 3225P 12-4**	25.0	32.0	170.0	32.0	32.0	3.0	1.12	CNGN 12 07 08
	16	32 x 25	39.0	**CCLNR/L 3225P 16-4**	25.0	32.0	170.0	32.0	32.0	6.4	1.07	CNGN 16 07 12
		32 x 32	39.0	**CCLNR/L 3232P 16-4**	32.0	32.0	170.0	40.0	32.0	6.4	1.14	CNGN 16 07 12

Inch version

	IC	CZC_{MS}	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID
	1/2	3/4 x 3/4	1.260	**CCLNR/L 124B-4**	.750	.750	4.500	1.000	.750	2.9	0.880	CNG 452
		1 x 1	1.260	**CCLNR/L 164D-4**	1.000	1.000	6.000	1.250	1.000	2.9	1.760	CNG 452
		1 1/4 x 1 1/4	1.260	**CCLNR/L 204D-4**	1.250	1.250	6.000	1.500	1.250	2.9	2.651	CNG 452
		1 1/2 x 1 1/2	1.260	**CCLNR/L 244D-4**	1.500	1.500	6.000	2.000	1.500	2.9	3.828	CNG 452
	1/2	1 x 1	1.350	**CCRNR/L 164DM1-4**	1.000	1.000	6.000	1.048	1.000	2.9	1.806	CNG 452

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand

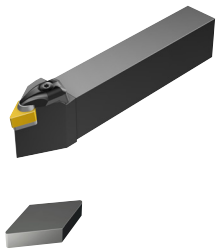
		Spare parts		
	IC	Shim	Shim screw	Clamp set
12	1/2	5322 234-02	5513 020-02	5412 034-021
16	5/8	5322 234-04	5513 020-07	5412 034-031

For the complete list of spare parts, visit www.sandvik.coromant.com

A294 F2 E3 H37 H10

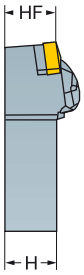
T-Max® shank tool for turning

Rigid clamp design for ceramic inserts

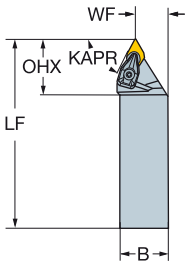


DNG

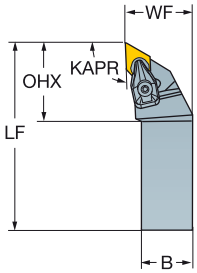
KAPR
PSIR



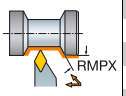
CDNNR/L
62.5°
27.5°



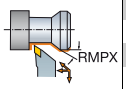
CDJNR/L
93.0°
-3.0°



Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	15	25 x 25	27°	39.4	CDJNR/L 2525M 15-4	25.0	25.0	150.0	32.0	25.0	3.9	0.62	DNGN 15 07 08
		32 x 25	27°	39.4	CDJNR/L 3225P 15-4	25.0	32.0	170.0	32.0	32.0	3.9	1.11	DNGN 15 07 08
		32 x 32	27°	39.4	CDJNR/L 3232P 15-4	32.0	32.0	170.0	40.0	32.0	3.9	1.36	DNGN 15 07 08
	15	32 x 25	57°	41.2	CDNNR/L 3225P 15-4	25.0	32.0	170.0	13.0	32.0	3.9	1.05	DNGN 15 07 08

Inch version

	IC	CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	1/2	1 x 1	27°	1.550	CDJNR/L 164D-4	1.000	1.000	6.000	1.250	1.000	2.9	1.760	DNG 452
		1 1/4 x 1 1/4	27°	1.550	CDJNR/L 204D-4	1.250	1.250	6.000	1.500	1.250	2.9	2.552	DNG 452

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand

Spare parts		
Shim	Shim screw	Clamp set
5322 266-03	5513 020-02	5412 034-021

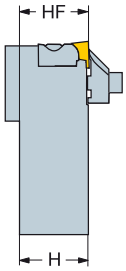
For the complete list of spare parts, visit www.sandvik.coromant.com

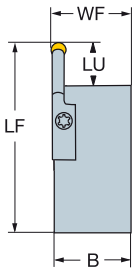
A294 F2 E3 H37 H10

T-Max® shank tool for turning

Rigid clamp design for ceramic inserts











RCGX
RPGX

Metric version

		CZC_{MS}	LU	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	06	32 x 36	19.4	90°	50.0	R/L176.9-3236-06	36.0	32.0	170.0	36.6	32.0	5.0	1.44	RCGX 06 06 00

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand

Spare parts			
Clamp	Clamping screw	Seat	Seat screw
5412 110-02	3212 036-506	5321 066-01	3212 010-157

For the complete list of spare parts, visit www.sandvik.coromant.com


A294


F2


E3



H37



H10

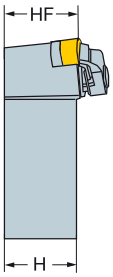
SANDVIK Coromant

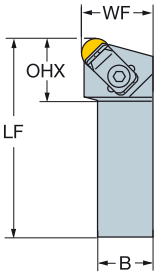
T-Max® shank tool for turning

Rigid clamp design for ceramic inserts



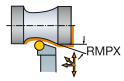






RNG

Inch version

	IC	CZC_{MS}	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	1/2	1 1/4 x 1 1/4	27°	1.250	**CRGNR/L 20 4D**	1.250	1.250	6.000	1.500	1.250	3.7	2.596	RNG 45

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand

Spare parts			
Clamp	Clamping screw	Seat	Seat screw
5412 110-02	3212 036-506	5321 066-01	3212 010-157

For the complete list of spare parts, visit www.sandvik.coromant.com

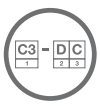

A294


F2


E3



H37



H10

T-Max® shank tool for turning

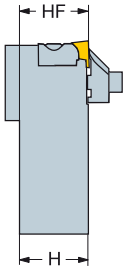
Top clamp design for ceramic inserts

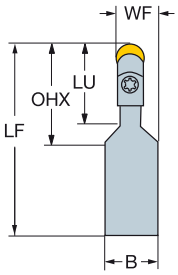




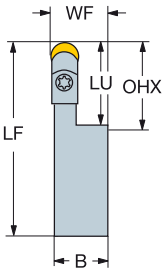
RCGX
RPGX

CRDCN





CRDCR/L



Metric version

		CZC$_{MS}$	LU	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	06	32 x 25	19.4	90°	170.0	**CRDCN 3225P 06-A**	25.0	32.0	170.0	15.6	32.0	5.0	1.01	RCGX 06 06 00
	09	32 x 25	29.0	90°	29.0	**CRDCN 3225P 09-A**	25.0	32.0	170.0	17.2	32.0	7.5	0.98	RCGX 09 07 00
	12	32 x 25	38.5	90°	38.5	**CRDCN 3225P 12-A**	25.0	32.0	170.0	18.8	32.0	7.5	1.00	RCGX 12 07 00
	09	32 x 25	29.5	90°	29.5	**CRDCR/L 3225P 09-A**	25.0	32.0	170.0	25.8	32.0	7.5	1.00	RCGX 09 07 00
	12	32 x 25	38.5	90°	38.5	**CRDCR/L 3225P 12-A**	25.0	32.0	170.0	25.9	32.0	7.5	0.98	RCGX 12 07 00

N = Neutral, R = Right hand, L = Left hand

		Spare parts			
	CZC$_{MS}$	Clamp	Clamping screw	Seat	Seat screw
06	32 x 25	5412 105-01	3212 036-504	5321 066-01	3212 010-157
09	32 x 25	5412 100-01	3212 035-452	5321 065-01	3212 106-352
12	32 x 25	5412 100-02	3212 036-504	5321 065-02	3212 105-453

For the complete list of spare parts, visit www.sandvik.coromant.com

A294 F2 E3 H37 H10

T-Max® shank tool for turning

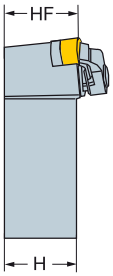
Top clamp design for ceramic inserts

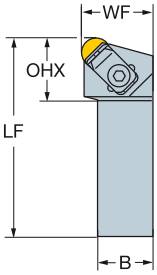




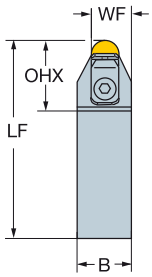
RNG

CRSNR/L

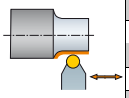
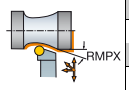




CRDNN



Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	09	25 x 25	0°	30.0	**CRDNN 2525M 09-ID**	25.0	25.0	150.0	17.3	25.0	7.5	0.73	RNGN 09 03 00
	12	25 x 25	0°	32.0	**CRDNN 2525M 12-ID**	25.0	25.0	150.0	18.8	25.0	7.5	0.70	RNGN 12 07 00
		32 x 25	0°	32.0	**CRDNN 3225P 12-ID**	25.0	32.0	170.0	18.8	32.0	7.5	1.06	RNGN 12 07 00
	15	32 x 32	0°	35.0	**CRDNN 3232P 15-ID**	32.0	32.0	170.0	23.9	32.0	7.5	1.30	RNGN 15 07 00
	19	32 x 32	0°	38.0	**CRDNN 3232P 19-ID**	32.0	32.0	170.0	25.5	32.0	7.5	1.32	RNGN 19 07 00
	09	25 x 25	12°	28.0	**CRSNR/L 2525M 09-ID**	25.0	25.0	150.0	32.0	25.0	7.5	0.80	RNGN 09 03 00
	12	25 x 25	12°	28.0	**CRSNR/L 2525M 12-ID**	25.0	25.0	150.0	32.0	25.0	7.5	0.79	RNGN 12 07 00
		32 x 25	12°	28.0	**CRSNR/L 3225P 12-ID**	25.0	32.0	170.0	32.0	32.0	7.5	1.14	RNGN 12 07 00
	15	32 x 32	12°	30.0	**CRSNR/L 3232P 15-ID**	32.0	32.0	170.0	40.0	32.0	7.5	1.41	RNGN 15 07 00
	19	32 x 32	12°	32.0	**CRSNR/L 3232P 19-ID**	32.0	32.0	170.0	40.0	32.0	7.5	1.42	RNGN 19 07 00

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

N = Neutral

		Spare parts			
	CZC$_{MS}$	Clamp	Pressure plate	Shim	Shim screw
09	25 x 25	5412 127-01		5321 215-01	3212 100-206
12	25 x 25-32 x 25	5412 125-01	5192 020-01	5322 141-01	5513 013-02
15	32 x 32	5412 125-01	5192 020-01	5321 215-02	3212 100-206
19	32 x 32	5412 125-01	5192 020-01	5321 215-03	3212 100-257

For the complete list of spare parts, visit www.sandvik.coromant.com


A294


F2


E3



H37

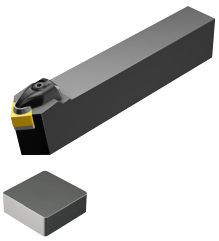


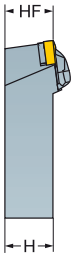
H10

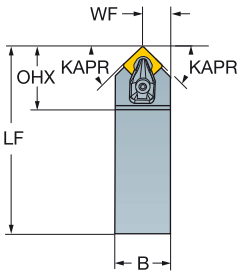
T-Max® shank tool for turning

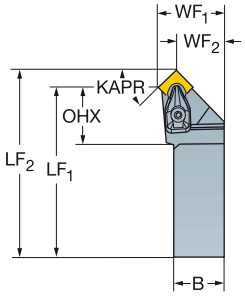
Rigid clamp design for ceramic inserts

	CSDNN	CSSNR/L
KAPR	45.0°	45.0°
PSIR	45.0°	45.0°









SNG

Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	LF$_1$	LF$_2$	WF	WF$_1$	WF$_2$	HF	NM	KG	MIID
	12	25 x 25	40°	36.5	**CSDNN 2525M 12-4**	25.0	25.0	150.0			12.8			25.0	3.9	0.70	SNGN 12 07 08
		32 x 25	40°	36.5	**CSDNN 3225P 12-4**	25.0	32.0	170.0			12.8			32.0	3.9	1.07	SNGN 12 07 08
	12	25 x 25	0°	27.3	**CSSNR/L 2525M 12-4**	25.0	25.0		150.0	158.3		32.0	23.7	25.0	3.9	0.86	SNGN 12 07 08
		32 x 25	0°	27.4	**CSSNR/L 3225P 12-4**	25.0	32.0		170.0	178.3		32.0	23.7	32.0	3.9	1.06	SNGN 12 07 08

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

N = Neutral, R = Right hand, L = Left hand

Spare parts		
Shim	Shim screw	Clamp set
5322 425-02	5513 020-02	5412 034-021

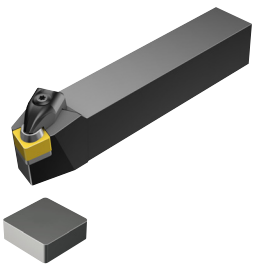
For the complete list of spare parts, visit www.sandvik.coromant.com

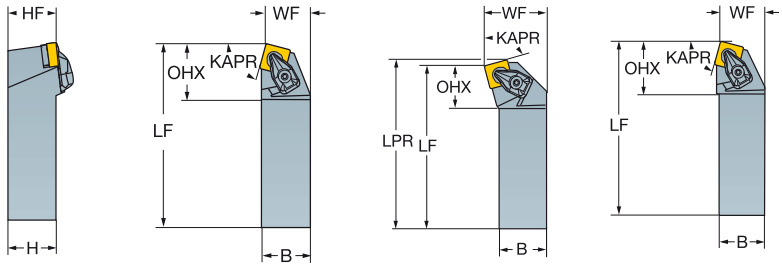
A294 F2 E3 H37 H10

T-Max® shank tool for turning

Rigid clamp design for ceramic inserts

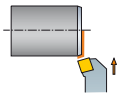
	CSBNR/L-4	CSKNR/L	CSRNR/L
KAPR	75.0°	75.0°	75.0°
PSIR	15.0°	15.0°	15.0°





SNG

Metric version

		CZC_{MS}	RMPX	OHX	Ordering code	Dimensions, mm B	H	LPR	LF	WF	HF	NM	KG	MIID
	12	25 x 25	10°	34.3	CSBNR/L 2525M 12-4	25.0	25.0		150.0	22.0	25.0	3.9	0.70	SNGN 12 07 08
	12	25 x 25	10°	23.6	CSKNR/L 2525M 12-4	25.0	25.0	153.1	150.0	32.0	25.0	3.9	0.80	SNGN 12 07 08
	09	25 x 25	10°	32.0	CSRNR/L 2525M 09-ID	25.0	25.0		150.0	27.0	25.0	5.0	0.78	SNGN 09 03 08
	12	25 x 25	10°	34.3	CSRNR/L 2525M 12-4	25.0	25.0		150.0	27.0	25.0	3.9	0.72	SNGN 12 07 08
		32 x 25	10°	34.3	CSRNR/L 3225P 12-4	25.0	32.0		170.0	27.0	32.0	3.9	1.10	SNGN 12 07 08
	15	32 x 25	10°	41.7	CSRNR/L 3225P 15-4	25.0	32.0		170.0	27.0	32.0	6.4	1.17	SNGN 15 07 12
	19	32 x 32	10°	40.0	CSRNR/L 3232P 19-IC	32.0	32.0		170.0	35.0	32.0	7.5	1.42	SNGN 19 07 12

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

N = Neutral, R = Right hand, L = Left hand

		Spare parts		
	CZC_{MS}	Shim	Shim screw	Clamp set
12	25 x 25-32 x 25	5322 425-02	5513 020-02	5412 034-021
15	32 x 25	5322 425-05	5513 020-07	5412 034-031

For the complete list of spare parts, visit www.sandvik.coromant.com

 A294

 F2

 E3

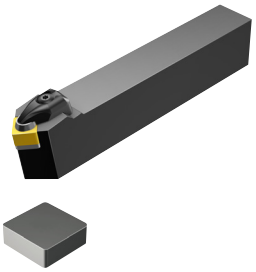
 H37

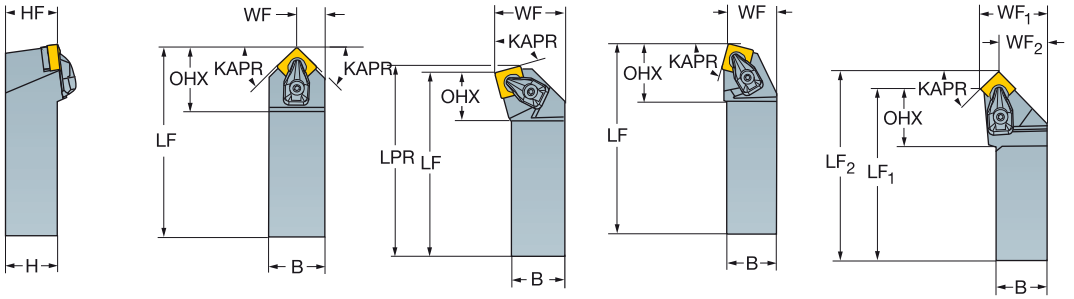
 H10

T-Max® shank tool for turning

Rigid clamp design for ceramic inserts

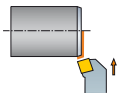
	CSDNN (INCH)	CSKNR/L (INCH)	CSRNR/L (INCH)	CSSNR/L (INCH)
KAPR	45.0°	75.0°	75.0°	45.0°
PSIR	45.0°	15.0°	15.0°	45.0°





SNG

Inch version

	IC	CZC_{MS}	RMPX	OHX	Ordering code	B	H	LPR	LF	LF_1	LF_2	WF	WF_1	WF_2	HF	FT/LBS	LBS	MIID
					Dimensions, inch													
	1/2	1 x 1	40°	1.450	**CSDNN 164D-4**	1.000	1.000		6.000			.512			1.000	2.9	1.741	SNG 452
	1/2	1 x 1	10°	.930	**CSKNR/L 164D-4**	1.000	1.000	6.120	6.000			1.250			1.000	2.9	1.829	SNG 452
	1/2	1 x 1	10°	1.350	**CSRNR/L 164DM1-4**	1.000	1.000		6.000			1.048			1.000	2.9	1.848	SNG 452
		1 1/4 x 1 1/4	10°	1.350	**CSRNR/L 204DM1-4**	1.250	1.250		6.000			1.292			1.250	2.9	2.816	SNG 452
	1/2	1 x 1	0°	1.075	**CSSNR/L 164D-4**	1.000	1.000	6.328		6.000	6.328		1.250	.922	1.000	2.9	1.833	SNG 452

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

N = Neutral, R = Right hand, L = Left hand

		Spare parts		
IC	CZC_{MS}	Shim	Shim screw	Clamp set
1/2	1 x 1-1 1/4 x 1 1/4	5322 425-02	5513 020-02	5412 034-021

For the complete list of spare parts, visit www.sandvik.coromant.com

A294 F2 E3 H37 H10

SANDVIK Coromant

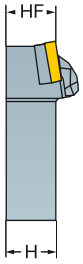
T-Max® shank tool for turning

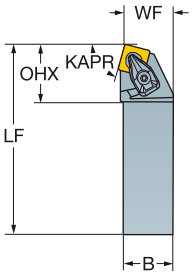
Rigid clamp design for ceramic inserts

KAPR 75.0°
PSIR 15.0°









SPGN, SPUN

Metric version

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	12	32 x 25	10°	34.0	CSRPR/L 3225P 12-IC	25.0	32.0	170.0	27.0	32.0	7.5	1.09	SPGN 12 04 08

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand


A294


F2


E3



H37



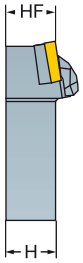
H10

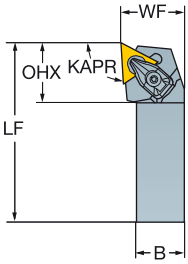
T-Max® shank tool for turning

Rigid clamp design for ceramic inserts

KAPR 91.0°
PSIR -1.0°







TNG

Metric version

	CZC$_{MS}$	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
11	25 x 25	22.0	**CTGNR/L 2525M 11-ID**	25.0	25.0	150.0	32.0	25.0	7.5	0.82	TNGN 11 03 08
16	25 x 25	20.0	**CTGNR/L 2525M 16-ID**	25.0	25.0	150.0	32.0	25.0	7.5	0.80	TNGN 16 07 08

Inch version

	IC	CZC$_{MS}$	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
1/2	1 1/4 x 1 1/4	1.310	**CTGNR/L 204D-4**	1.250	1.250	6.000	1.500	1.250	2.9	2.728	TNG 432

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand

Spare parts		
Shim	Shim screw	Clamp set
5322 315-04	5513 020-02	5412 034-021

For the complete list of spare parts, visit www.sandvik.coromant.com

A294 F2 E3 H37 H10

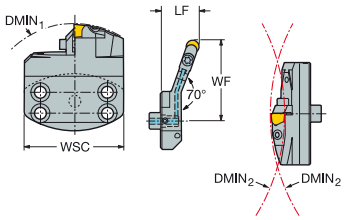
T-Max® head for turning

Top clamp design for ceramic inserts

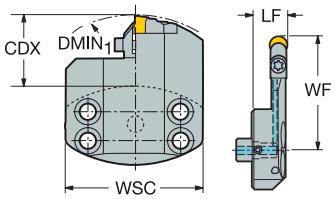
CoroTurn® SL70 – Internal coolant supply



SL70-CRSCR/L



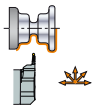
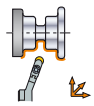
SL70-CRDCR/L







RCGX
RPGX

		CZC$_{MS}$	CDX	DMIN$_1$	DMIN$_2$	APMX	RMPX	CNSC	Ordering code	Dimensions, mm, inch LF	WF	WSC	BAR PSI	NM	KG	MIID
	09	70	18.0	125.0				1	SL70-CRDCR/L-18-09V	18.0	39.0	70.0	30	7.5	0.32	RCGX 09 07 00
			.709	*4.921*						*.709*	*1.535*	*2.756*	*435*			
		70	35.0	125.0				1	SL70-CRDCR/L-35-09V	18.0	56.0	70.0	30	7.5	0.38	RCGX 09 07 00
			1.378	*4.921*						*.709*	*2.205*	*2.756*	*435*			
		70	50.0	125.0				1	SL70-CRDCR/L-50-09V	16.5	71.0	70.0	30	7.5	0.42	RCGX 09 07 00
			1.969	*4.921*						*.650*	*2.795*	*2.756*	*435*			
	12	70	35.0	180.0				1	SL70-CRDCR/L-35-12V	18.0	56.0	70.0	30	7.5	0.40	RCGX 12 07 00
			1.378	*7.087*						*.709*	*2.205*	*2.756*	*435*			
		70	50.0	180.0				1	SL70-CRDCR/L-50-12V	18.0	71.0	70.0	30	7.5	0.48	RCGX 12 07 00
			1.969	*7.087*						*.709*	*2.795*	*2.756*	*435*			
		70	75.0	180.0				1	SL70-CRDCR/L-75-12V	18.0	96.0	70.0	30	7.5	0.60	RCGX 12 07 00
			2.953	*7.087*						*.709*	*3.780*	*2.756*	*435*			
	09	70		130.0	270.0	4.0	70°	1	SL70-CRSCR/L-35-09V	26.7	55.0	70.0	30		0.37	RCGX 09 07 00
				5.118	*10.630*	*.157*				*1.051*	*2.165*	*2.756*	*435*			

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Clamp	Clamping screw	Seat	Seat screw	Guide bush
SL70-CRDCR/L-18-09V	5412 101-01	3212 035-452	5321 067-01	5512 031-08	5552 058-04
SL70-CRDCR/L-35-09V	5412 101-01	3212 035-452	5321 067-01	5512 031-08	5552 058-04
SL70-CRDCR/L-50-09V	5412 101-01	3212 035-452	5321 067-01	5512 031-08	5552 058-04
SL70-CRSCR/L-35-09V	5412 101-01	3212 035-452	5321 067-01	5512 031-08	5552 058-04
SL70-CRDCR/L-35-12V	5412 101-02	3212 106-504	5321 067-02	3212 105-453	5552 058-04
SL70-CRDCR/L-50-12V	5412 101-02	3212 106-504	5321 067-02	3212 105-453	5552 058-04
SL70-CRDCR/L-75-12V	5412 101-02	3212 106-504	5321 067-02	3212 105-453	5552 058-04

For the complete list of spare parts, visit www.sandvik.coromant.com


A294


F2



H37



H5

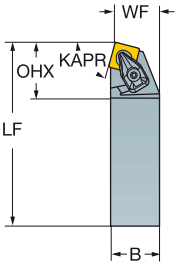

H2

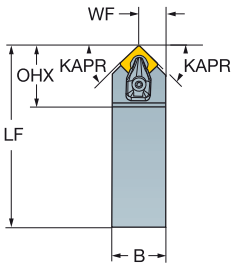
T-Max® S shank tool for turning

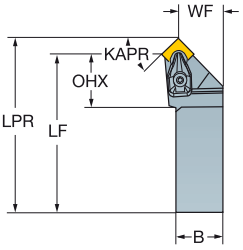
Top clamp

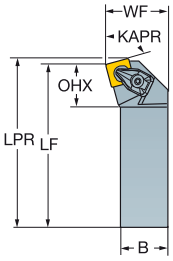
	CSBPR/L	CSDPN	CSDPR/L	CSKPR/L
KAPR	75.0°	45.0°	45.0°	75.0°
PSIR	15.0°	45.0°	45.0°	15.0°







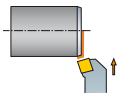






SPU

Metric version

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LPR	LF	WF	HF	NM	KG	MIID
	12	20 x 20	10°	30.1	CSBPL 2020K 12	20.0	20.0		125.0	17.0	20.0	5.0	0.40	SPUN 12 03 08
		25 x 25	10°	30.1	CSBPR/L 2525M 12	25.0	25.0		150.0	22.0	25.0	5.0	0.73	SPUN 12 03 08
	12	20 x 20	40°	29.0	CSDPN 2020K 12	20.0	20.0		125.0	10.3	20.0	5.0	0.39	SPUN 12 03 08
		25 x 25	40°	29.0	CSDPN 2525M 12	25.0	25.0		150.0	12.8	25.0	5.0	0.72	SPUN 12 03 08
	12	20 x 20	0°	18.7	CSDPR 2020K 12	20.0	20.0	125.0	116.7	22.0	20.0	5.0	0.35	SPUN 12 03 08
		25 x 25	0°	18.7	CSDPR/L 2525M 12	25.0	25.0	150.0	141.7	27.0	25.0	5.0	0.72	SPUN 12 03 08
	12	25 x 25	10°	22.4	CSKPR 2525M 12	25.0	25.0	153.1	150.0	32.0	25.0	5.0	0.75	SPUN 12 03 08

N = Neutral, R = Right hand, L = Left hand


A294


F2


E3



H37



H10

SANDVIK Coromant

T-Max® S shank tool for turning

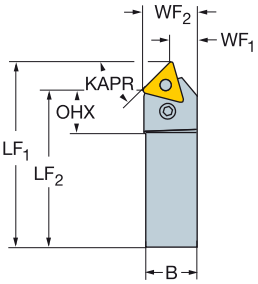
Top clamp

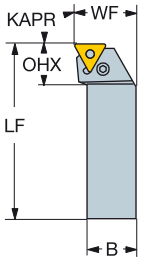
	CTDPR/L	CTFPR/L	CTGPR/L	CTTPR/L
KAPR	45.0°	91.0°	91.0°	60.0°
PSIR	45.0°	-1.0°	-1.0°	30.0°

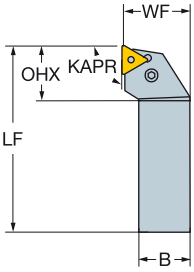


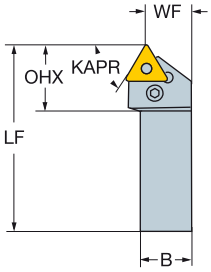


TPU

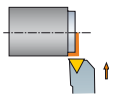
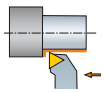




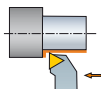




Metric version

	IC	CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	LF$_1$	LF$_2$	WF	WF$_1$	WF$_2$	HF	NM	KG	MIID
	16	20 x 20	35°	30.2	CTDPR 2020K 16	20.0	20.0		125.0	114.8		11.8	22.0	20.0	5.0	0.40	TPUN 16 03 08
		25 x 25	35°	22.9	CTDPR/L 2525M 16	25.0	25.0		150.0	139.8		16.8	27.0	25.0	5.0	0.72	TPUN 16 03 08
	11	20 x 20	0°	18.5	CTFPR 2020K 11	20.0	20.0	125.0			25.0			20.0	3.5	0.40	TPUN 11 03 04
	16	20 x 20	0°	20.0	CTFPR/L 2020K 16	20.0	20.0	125.0			25.0			20.0	5.0	0.42	TPUN 16 03 08
		25 x 25	0°	20.0	CTFPR/L 2525M 16	25.0	25.0	150.0			32.0			25.0	5.0	0.75	TPUN 16 03 08
	11	20 x 20	0°	21.0	CTGPR/L 2020K 11	20.0	20.0	125.0			25.0			20.0	3.5	0.40	TPUN 11 03 04
		25 x 25	0°	22.0	CTGPR/L 2525M 11-ID	25.0	25.0	150.0			32.0			25.0	3.5	0.80	TPGN 11 03 04
	16	20 x 20	0°	25.1	CTGPR/L 2020K 16	20.0	20.0	125.0			25.0			20.0	5.0	0.42	TPUN 16 03 08
		25 x 25	0°	25.1	CTGPR/L 2525M 16	25.0	25.0	150.0			32.0			25.0	5.0	0.74	TPUN 16 03 08
		32 x 25	0°	22.0	CTGPR/L 3225P 16-ID	25.0	32.0	170.0			32.0			32.0	5.0	1.10	TPGN 16 03 08
	16	20 x 20	30°	30.2	CTTPR/L 2020K 16	20.0	20.0	125.0			17.0			20.0	5.0	0.40	TPUN 16 03 08
		25 x 25	30°	39.6	CTTPR/L 2525M 16	25.0	25.0	150.0			22.0			25.0	5.0	0.73	TPUN 16 03 08

Inch version

	IC	CZC$_{MS}$	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	1.200	CTGPR/L 12 3B	.750	.750	4.500	1.125	.750	3.7	0.704	TPU 322
		1 x 1	.800	CTGPR/L 16 3D	1.000	1.000	6.000	1.250	1.000	3.7	1.716	TPU 322

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

A294 F2 E3 H37 H10

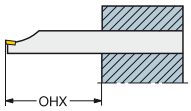
T-Max® boring bar for turning

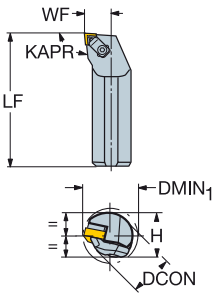
Top clamp design for ceramic inserts

Cylindrical with flats

KAPR 95.0°
PSIR -5.0°



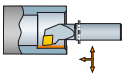






CNGN

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	Ordering code	Dimensions, mm DCON	H	LF	WF	NM	KG	MIID
	12	40	70.0	160.0	80.0	**S40T-CCLNR 12-IC**	40	37.0	300.0	27.0	3.0	2.90	CNGN 12 07 08
		50	70.0	200.0	100.0	**S50U-CCLNR 12-IC**	50	47.0	350.0	32.0	3.0	5.19	CNGN 12 07 08

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand

Spare parts			
Clamp (IC)	Chip breaker	Shim	Shim screw
5412 125-02	5192 022-04	5322 233-01	5513 013-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A294 F2 G2 H37 H12

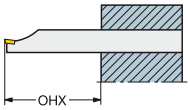
SANDVIK Coromant

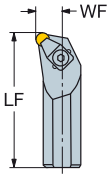
T-Max® boring bar for turning

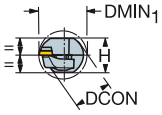
Top clamp design for ceramic inserts

Cylindrical with flats





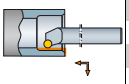




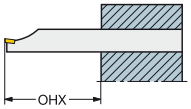


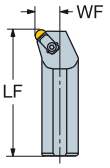
RPG

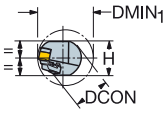
Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	Ordering code	Dimensions, mm DCON	H	LF	WF	NM	KG	MIID
	09	25	32.0	100.0	50.0	S25T-CRSPR/L 09-ID	25	23.0	300.0	17.0	7.5	1.12	RPGN 09 03 00





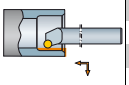






RNGA
RNGN

Metric version

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	Ordering code	Dimensions, mm DCON	H	LF	WF	NM	KG	MIID
	12	40	70.0	160.0	80.0	S40T-CRSNR/L 12-ID	40	37.0	300.0	27.0	7.5	2.88	RNGN 12 07 00

DMIN1 valid in combination with clamping unit R/LC2090.

R = Right hand, L = Left hand

	Spare parts			
CZC$_{MS}$	Clamp	Pressure plate	Shim	Shim screw
09 25	5412 126-03			
12 40	5412 125-01	5192 020-01	5322 141-01	5513 013-02

For the complete list of spare parts, visit www.sandvik.coromant.com

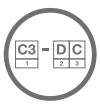

A294


F2


G2



H37



H12

CoroTurn® XS

Internal turning, face grooving, and threading of small components

Application

- Internal turning
- Copying
- Back boring
- Profiling
- Grooving
- Face grooving
- Pre-parting
- Threading



ISO application area:

P M N S H O

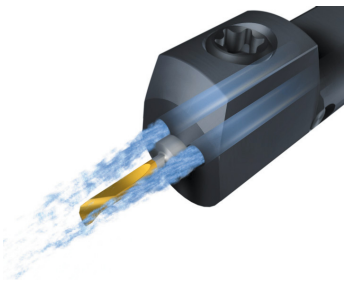
Benefits and features

- Optimized for machining small, high-quality features
- High precision and repeatability
- Reliable and easy-to-use clamping system
- Precision-ground tools for high repeatability
- Longer tool life by minimized micro-vibrations with cylindrical carbide shank adapters
- Clamping nut ensures easy change of cutting tool with cylindrical carbide shank adapters

www.sandvik.coromant.com/coroturnxs

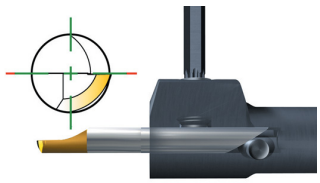
Internal coolant

- The adapters are designed with internal precision coolant supply.
- Selectable coolant direction for better chip evacuation and safe machining.



Locking precision

Precise location into the boring bar due to a locating pin.



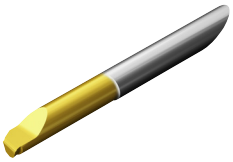
Inserts

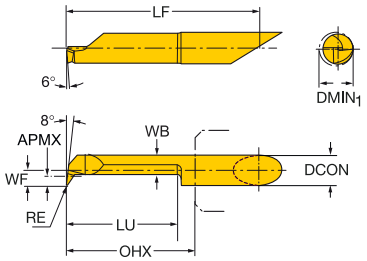
Turning	Back boring	Pre-parting	Grooving	Face grooving	Profiling	Threading
						
A325	A331	B146	B147	B152	B154	C83

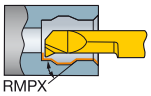
Adapters

Coromant Capto®	Rectangular shank	Cylindrical shank with flat
		
F28	F38	F46

CoroTurn® XS solid carbide tool for turning





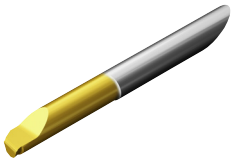
	CZC$_{MS}$	DMIN$_1$	LU	RE	APMX	RMPX	OHX	Ordering code	P	M		N		S		H	O		Dimensions, mm, inch			
									1025	1025	H10F	1025	H10F	1025	H10F	7015	1025	H10F	DCON	WB	LF	WF
 RMPX	4	0.3	1.2	0.000	0.06	17°	13.0	CXS-04T098-00-0301R/L	★	★		★		★			★		4	0.2	27.3	0.1
		.012	.047	.000	.002		.512												.157	.007	1.073	.004
	4	0.4	1.6	0.000	0.07	17°	13.0	CXS-04T098-00-0401R/L	★	★		★		★			★		4	0.3	27.3	0.2
		.016	.063	.000	.003		.512												.157	.011	1.073	.006
	4	0.5	2.0	0.000	0.08	17°	13.0	CXS-04T098-00-0502R/L	★	★		★		★			★		4	0.4	27.3	0.2
		.020	.079	.000	.003		.512												.157	.015	1.073	.008
	4	0.6	2.5	0.000	0.09	17°	13.0	CXS-04T098-00-0602R/L	★	★		★		★			★		4	0.5	27.3	0.3
		.024	.098	.000	.004		.512												.157	.018	1.073	.010
	4	0.7	3.5	0.000	0.10	17°	13.0	CXS-04T098-00-0703R/L	★	★		★		★			★		4	0.6	27.3	0.3
		.028	.138	.000	.004		.512												.157	.022	1.073	.012
	4	0.8	4.0	0.000	0.10	17°	13.0	CXS-04T098-00-0804R/L	★	★		★		★			★		4	0.6	27.3	0.4
		.031	.157	.000	.004		.512												.157	.025	1.073	.014
	4	0.9	5.0	0.000	0.10	17°	13.0	CXS-04T098-00-0905R/L	★	★		★		★			★		4	0.7	27.3	0.4
		.035	.197	.000	.004		.512												.157	.029	1.073	.016
	4	2.7	10.0	0.030	0.20	17°	13.0	CXS-04T098-03-2710R/L	★	★		★		★			★		4	2.1	27.3	1.2
		.106	.394	.001	.008		.512												.157	.081	1.073	.047
	4	3.2	10.0	0.030	0.20	17°	13.0	CXS-04T098-03-3210R/L	★	★		★		★			★		4	2.6	27.3	1.5
		.126	.394	.001	.008		.512												.157	.100	1.073	.057
	4	4.2	10.0	0.030	0.30	17°	13.0	CXS-04T098-03-4210R/L	★	★		★		★			★		4	3.5	27.3	2.0
		.165	.394	.001	.012		.512												.157	.136	1.073	.077
	4	1.0	4.0	0.050	0.10	17°	12.0	CXS-04T098-05-1004R/L	★	★		★		★			★		4	0.7	26.3	0.5
		.039	.157	.002	.004		.472												.157	.026	1.033	.018
	4	1.0	6.0	0.050	0.10	17°	12.0	CXS-04T098-05-1006R/L	★	★		★		★			★		4	0.7	26.3	0.5
		.039	.236	.002	.004		.472												.157	.026	1.033	.018
	4	1.7	6.0	0.050	0.20	17°	12.0	CXS-04T098-05-1706R/L	★	★		★		★			★		4	1.1	26.3	0.7
		.067	.236	.002	.008		.472												.157	.041	1.033	.028
	4	1.7	9.0	0.050	0.20	17°	12.0	CXS-04T098-05-1709R/L	★	★		★		★			★		4	1.1	26.3	0.7
		.067	.354	.002	.008		.472												.157	.041	1.033	.028
	4	2.2	6.0	0.050	0.20	17°	12.0	CXS-04T098-05-2206R/L	★	★		★		★			★		4	1.6	26.3	1.0
		.087	.236	.002	.008		.472												.157	.061	1.033	.037
	4	2.2	9.0	0.050	0.20	17°	12.0	CXS-04T098-05-2209R/L	★	★		★		★			★		4	1.6	26.3	1.0
		.087	.354	.002	.008		.472												.157	.061	1.033	.037
	4	2.7	10.0	0.050	0.20	17°	13.0	CXS-04T098-05-2710R/L	★	★		★		★			★		4	2.1	27.3	1.2
		.106	.394	.002	.008		.512												.157	.081	1.073	.047
	4	2.7	15.0	0.050	0.20	17°	18.0	CXS-04T098-05-2715R/L	★	★		★		★			★		4	2.1	32.3	1.2
		.106	.591	.002	.008		.709												.157	.081	1.270	.047
	4	3.2	15.0	0.050	0.20	17°	18.0	CXS-04T098-05-3215R/L	★	★		★		★			★		4	2.6	32.3	1.5
		.126	.591	.002	.008		.709												.157	.100	1.270	.057
	4	3.2	20.0	0.050	0.20	17°	23.0	CXS-04T098-05-3220R/L	★	★		★		★			★		4	2.6	37.3	1.5
		.126	.787	.002	.008		.906												.157	.100	1.467	.057
	4	4.2	15.0	0.050	0.30	17°	18.0	CXS-04T098-05-4215R/L	★	★		★		★			★		4	3.5	32.3	2.0
		.165	.591	.002	.012		.709												.157	.136	1.270	.077
	4	4.2	20.0	0.050	0.30	17°	23.0	CXS-04T098-05-4220R/L	★	★		★		★			★		4	3.5	37.3	2.0
		.165	.787	.002	.012		.906												.157	.136	1.467	.077
	4	4.2	25.0	0.050	0.30	17°	28.0	CXS-04T098-05-4225R/L	★	★		★		★			★		4	3.5	42.3	2.0
		.165	.984	.002	.012		1.102												.157	.136	1.663	.077
	4	1.0	4.0	0.100	0.10	17°	13.0	CXS-04T098-10-1004R/L	★	★		★		★			★		4	0.7	27.3	0.5
		.039	.157	.004	.004		.512												.157	.026	1.073	.018
	4	1.0	6.0	0.100	0.10	17°	13.0	CXS-04T098-10-1006R/L	★	★		★		★			★		4	0.7	27.3	0.5
		.039	.236	.004	.004		.512												.157	.026	1.073	.018
	4	1.7	6.0	0.100	0.20	17°	13.0	CXS-04T098-10-1706R	★	★	☆	★	☆	★	☆	★	★	☆	4	1.1	27.3	0.7
		.067	.236	.004	.008		.512												.157	.041	1.073	.028

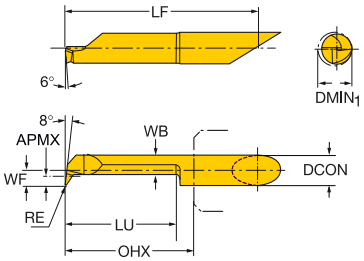
CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

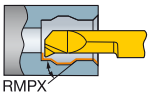
R = Right hand, L = Left hand

F2 B171 B183 H37 H22

CoroTurn® XS solid carbide tool for turning





	CZC$_{MS}$	DMIN$_1$	LU	RE	APMX	RMPX	OHX	Ordering code	P	M		N		S		H	O		Dimensions, mm, inch			
									1025	1025	H10F	1025	H10F	1025	H10F	7015	1025	H10F	DCON	WB	LF	WF
 RMPX	4	1.7	6.0	0.100	0.20	17°	13.0	CXS-04T098-10-1706L	★	★		★		★			★		4	1.1	27.3	0.7
		.067	.236	.004	.008		.512												.157	.041	1.073	.028
	4	1.7	9.0	0.100	0.20	17°	13.0	CXS-04T098-10-1709R/L	★	★		★		★			★		4	1.1	27.3	0.7
		.067	.354	.004	.008		.512												.157	.041	1.073	.028
	4	2.2	6.0	0.100	0.20	17°	13.0	CXS-04T098-10-2206R/L	★	★		★		★			★		4	1.6	27.3	1.0
		.087	.236	.004	.008		.512												.157	.061	1.073	.037
	4	2.2	9.0	0.100	0.20	17°	13.0	CXS-04T098-10-2209R	★	★	☆	★	☆	★	☆	★	★	☆	4	1.6	27.3	1.0
		.087	.354	.004	.008		.512												.157	.061	1.073	.037
	4	2.2	9.0	0.100	0.20	17°	13.0	CXS-04T098-10-2209L	★	★		★		★			★		4	1.6	27.3	1.0
		.087	.354	.004	.008		.512												.157	.061	1.073	.037
	4	2.2	13.0	0.100	0.20	17°	18.0	CXS-04T098-10-2213R/L	★	★		★		★			★		4	1.6	32.3	1.0
		.087	.512	.004	.008		.709												.157	.061	1.270	.037
	4	2.7	10.0	0.150	0.20	17°	13.0	CXS-04T098-15-2710R	★	★		★		★		★	★		4	2.1	27.3	1.2
		.106	.394	.006	.008		.512												.157	.081	1.073	.047
	4	2.7	10.0	0.150	0.20	17°	13.0	CXS-04T098-15-2710L	★	★		★		★			★		4	2.1	27.3	1.2
		.106	.394	.006	.008		.512												.157	.081	1.073	.047
	4	2.7	15.0	0.150	0.20	17°	18.0	CXS-04T098-15-2715R/L	★	★		★		★			★		4	2.1	32.3	1.2
		.106	.591	.006	.008		.709												.157	.081	1.270	.047
	4	3.2	10.0	0.150	0.20	17°	13.0	CXS-04T098-15-3210R	★	★	☆	★	☆	★	☆		★	☆	4	2.6	27.3	1.5
		.126	.394	.006	.008		.512												.157	.100	1.073	.057
	4	3.2	10.0	0.150	0.20	17°	13.0	CXS-04T098-15-3210L	★	★		★		★			★		4	2.6	27.3	1.5
		.126	.394	.006	.008		.512												.157	.100	1.073	.057
	4	3.2	15.0	0.150	0.20	17°	18.0	CXS-04T098-15-3215R	★	★		★		★		★	★		4	2.6	32.3	1.5
		.126	.591	.006	.008		.709												.157	.100	1.270	.057
	4	3.2	15.0	0.150	0.20	17°	18.0	CXS-04T098-15-3215L	★	★		★		★			★		4	2.6	32.3	1.5
		.126	.591	.006	.008		.709												.157	.100	1.270	.057
	4	3.2	20.0	0.150	0.20	17°	23.0	CXS-04T098-15-3220R/L	★	★		★		★			★		4	2.6	37.3	1.5
		.126	.787	.006	.008		.906												.157	.100	1.467	.057
	4	3.7	15.0	0.150	0.20	17°	18.0	CXS-04T098-15-3715R								★			4	3.1	32.3	1.7
		.146	.591	.006	.008		.709												.157	.120	1.270	.067
	4	4.2	10.0	0.150	0.30	17°	13.0	CXS-04T098-15-4210R	★	★		★		★		★	★		4	3.5	27.3	2.0
		.165	.394	.006	.012		.512												.157	.136	1.073	.077
	4	4.2	10.0	0.150	0.30	17°	13.0	CXS-04T098-15-4210L	★	★		★		★			★		4	3.5	27.3	2.0
		.165	.394	.006	.012		.512												.157	.136	1.073	.077
	4	4.2	15.0	0.150	0.30	17°	18.0	CXS-04T098-15-4215R	★	★		★		★		★	★		4	3.5	32.3	2.0
		.165	.591	.006	.012		.709												.157	.136	1.270	.077
	4	4.2	15.0	0.150	0.30	17°	18.0	CXS-04T098-15-4215L	★	★		★		★			★		4	3.5	32.3	2.0
		.165	.591	.006	.012		.709												.157	.136	1.270	.077
	4	4.2	20.0	0.150	0.30	17°	23.0	CXS-04T098-15-4220R	★	★		★		★		★	★		4	3.5	37.3	2.0
		.165	.787	.006	.012		.906												.157	.136	1.467	.077
	4	4.2	20.0	0.150	0.30	17°	23.0	CXS-04T098-15-4220L	★	★		★		★			★		4	3.5	37.3	2.0
		.165	.787	.006	.012		.906												.157	.136	1.467	.077
	4	4.2	25.0	0.150	0.30	17°	28.0	CXS-04T098-15-4225R	★	★		★		★		★	★		4	3.5	42.3	2.0
		.165	.984	.006	.012		1.102												.157	.136	1.663	.077
	4	4.2	25.0	0.150	0.30	17°	28.0	CXS-04T098-15-4225L	★	★		★		★			★		4	3.5	42.3	2.0
		.165	.984	.006	.012		1.102												.157	.136	1.663	.077
	4	4.2	30.0	0.075	0.50	2°	38.0	CXS-04T098A08-4230R	★	★		★		★			★		4	3.6	38.0	2.0
		.165	1.181	.003	.020		1.496												.157	.140	1.496	.077
	4	4.2	10.3	0.150	0.50	0°	13.0	CXS-04T098A15-4210R/L	★	★		★		★			★		4	3.1	27.3	2.0
		.165	.406	.006	.020		.512												.157	.120	1.073	.077
	4	4.2	20.3	0.150	0.50	0°	23.0	CXS-04T098A15-4220R/L	★	★		★		★			★		4	3.1	37.3	2.0
		.165	.799	.006	.020		.906												.157	.120	1.467	.077

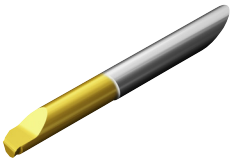
CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

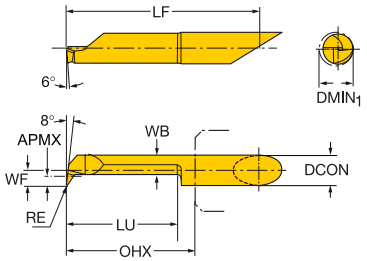
R = Right hand, L = Left hand

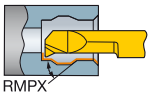
F2 B171 B183 H37 H22

SANDVIK Coromant

CoroTurn® XS solid carbide tool for turning





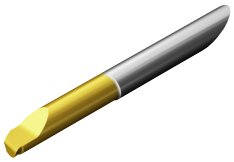
	CZC$_{MS}$	DMIN$_1$	LU	RE	APMX	RMPX	OHX	Ordering code	P	M		N		S		H	O		Dimensions, mm, inch			
									1025	1025	H10F	1025	H10F	1025	H10F	7015	1025	H10F	DCON	WB	LF	WF
	4	4.2	25.3	0.150	0.50	0°	28.0	CXS-04T098A15-4225R/L	★	★		★		★			★		4	3.1	42.3	2.0
		.165	.996	.006	.020		1.102												.157	.120	1.663	.077
	4	4.2	15.3	0.200	0.30	0°	18.0	CXS-04T098A20-4215R/L	★	★		★		★			★		4	3.1	32.3	2.0
		.165	.602	.008	.012		.709												.157	.120	1.270	.077
	5	5.2	20.0	0.050	0.50	17°	23.0	CXS-05T098-05-5220R/L	★	★		★		★			★		5	4.3	42.3	2.5
		.205	.787	.002	.020		.906												.197	.167	1.663	.096
	5	5.2	30.0	0.050	0.50	17°	33.0	CXS-05T098-05-5230R/L	★	★		★		★			★		5	4.3	52.3	2.5
		.205	1.181	.002	.020		1.299												.197	.167	2.057	.096
	5	5.2	10.0	0.200	0.50	17°	13.0	CXS-05T098-20-5210R	★	★		★		★		★	★		5	4.3	32.3	2.5
		.205	.394	.008	.020		.512												.197	.167	1.270	.096
	5	5.2	10.0	0.200	0.50	17°	13.0	CXS-05T098-20-5210L	★	★		★		★			★		5	4.3	32.3	2.5
		.205	.394	.008	.020		.512												.197	.167	1.270	.096
	5	5.2	20.0	0.200	0.50	17°	23.0	CXS-05T098-20-5220R	★	★		★		★		★	★		5	4.3	42.3	2.5
		.205	.787	.008	.020		.906												.197	.167	1.663	.096
	5	5.2	20.0	0.200	0.50	17°	23.0	CXS-05T098-20-5220L	★	★		★		★			★		5	4.3	42.3	2.5
		.205	.787	.008	.020		.906												.197	.167	1.663	.096
	5	5.2	25.0	0.200	0.50	17°	28.0	CXS-05T098-20-5225R	★	★		★		★		★	★		5	4.3	47.3	2.5
		.205	.984	.008	.020		1.102												.197	.167	1.860	.096
	5	5.2	25.0	0.200	0.50	17°	28.0	CXS-05T098-20-5225L	★	★		★		★			★		5	4.3	47.3	2.5
		.205	.984	.008	.020		1.102												.197	.167	1.860	.096
	5	5.2	30.0	0.200	0.50	17°	33.0	CXS-05T098-20-5230R	★	★		★		★		★	★		5	4.3	52.3	2.5
		.205	1.181	.008	.020		1.299												.197	.167	2.057	.096
	5	5.2	30.0	0.200	0.50	17°	33.0	CXS-05T098-20-5230L	★	★		★		★			★		5	4.3	52.3	2.5
		.205	1.181	.008	.020		1.299												.197	.167	2.057	.096
	5	5.2	35.0	0.200	0.50	17°	38.0	CXS-05T098-20-5235R/L	★	★		★		★			★		5	4.3	57.3	2.5
		.205	1.378	.008	.020		1.496												.197	.167	2.254	.096
	5	5.2	40.0	0.200	0.50	17°	43.0	CXS-05T098-20-5240R/L	★	★		★		★			★		5	4.3	62.3	2.5
		.205	1.575	.008	.020		1.693												.197	.167	2.451	.096
	5	5.2	40.0	0.075	0.50	2°	48.0	CXS-05T098A08-5240R	★	★		★		★			★		5	4.6	48.0	2.5
		.205	1.575	.003	.020		1.890												.197	.179	1.890	.096
	5	5.2	10.2	0.200	0.60	0°	13.0	CXS-05T098A20-5210R/L	★	★		★		★			★		5	4.8	32.3	2.5
		.205	.402	.008	.024		.512												.197	.187	1.270	.096
	5	5.2	15.0	0.200	0.50	0°	18.0	CXS-05T098A20-5215R/L	★	★		★		★			★		5	4.3	37.3	2.5
		.205	.591	.008	.020		.709												.197	.167	1.467	.096
	5	5.2	20.3	0.200	0.60	0°	23.0	CXS-05T098A20-5220R/L	★	★		★		★			★		5	4.8	42.3	2.5
		.205	.799	.008	.024		.906												.197	.187	1.663	.096
	5	5.2	25.4	0.200	0.50	0°	28.0	CXS-05T098A20-5225R/L	★	★		★		★			★		5	4.8	47.3	2.5
		.205	1.000	.008	.020		1.102												.197	.187	1.860	.096
	5	5.2	30.5	0.200	0.60	0°	33.0	CXS-05T098A20-5230R/L	★	★		★		★			★		5	4.8	52.3	2.5
		.205	1.201	.008	.024		1.299												.197	.187	2.057	.096
	6	6.2	20.0	0.050	0.50	17°	23.0	CXS-06T098-05-6220R/L	★	★		★		★			★		6	5.3	42.3	3.0
		.244	.787	.002	.020		.906												.236	.207	1.663	.116
	6	6.2	15.0	0.200	0.50	17°	18.0	CXS-06T098-20-6215R	★	★		★		★		★	★		6	5.3	37.3	3.0
		.244	.591	.008	.020		.709												.236	.207	1.467	.116
	6	6.2	15.0	0.200	0.50	17°	18.0	CXS-06T098-20-6215L	★	★		★		★			★		6	5.3	37.3	3.0
		.244	.591	.008	.020		.709												.236	.207	1.467	.116
	6	6.2	20.0	0.200	0.50	17°	23.0	CXS-06T098-20-6220R	★	★	☆	★	☆	★	☆	★	★	☆	6	5.3	42.3	3.0
		.244	.787	.008	.020		.906												.236	.207	1.663	.116
	6	6.2	20.0	0.200	0.50	17°	23.0	CXS-06T098-20-6220L	★	★		★		★			★		6	5.3	42.3	3.0
		.244	.787	.008	.020		.906												.236	.207	1.663	.116
	6	6.2	25.0	0.200	0.50	17°	28.0	CXS-06T098-20-6225R	★	★		★		★		★	★		6	5.3	47.3	3.0
		.244	.984	.008	.020		1.102												.236	.207	1.860	.116

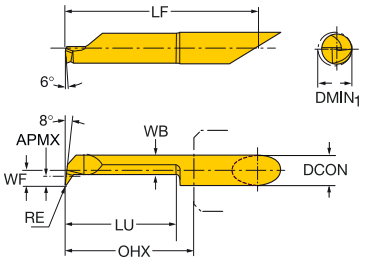
CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

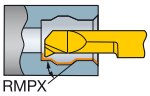
R = Right hand, L = Left hand

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CoroTurn® XS solid carbide tool for turning





									P	M		N		S		H	O		Dimensions, mm, inch			
	CZC_{MS}	$DMIN_1$	LU	RE	APMX	RMPX	OHX	Ordering code	1025	1025	H10F	1025	H10F	1025	H10F	7015	1025	H10F	DCON	WB	LF	WF
 RMPX	6	6.2	25.0	0.200	0.50	17°	28.0	CXS-06T098-20-6225L	★	★		★		★			★		6	5.3	47.3	3.0
		.244	*.984*	*.008*	*.020*		*1.102*												*.236*	*.207*	*1.860*	*.116*
	6	6.2	30.0	0.200	0.50	17°	33.0	CXS-06T098-20-6230R	★	★		★		★		★	★		6	5.3	52.3	3.0
		.244	*1.181*	*.008*	*.020*		*1.299*												*.236*	*.207*	*2.057*	*.116*
	6	6.2	30.0	0.200	0.50	17°	33.0	CXS-06T098-20-6230L	★	★		★		★			★		6	5.3	52.3	3.0
		.244	*1.181*	*.008*	*.020*		*1.299*												*.236*	*.207*	*2.057*	*.116*
	6	6.2	35.0	0.200	0.50	17°	38.0	CXS-06T098-20-6235R/L	★	★		★		★			★		6	5.3	57.3	3.0
		.244	*1.378*	*.008*	*.020*		*1.496*												*.236*	*.207*	*2.254*	*.116*
	6	6.2	40.0	0.200	0.50	17°	43.0	CXS-06T098-20-6240R	★	★		★		★		★	★		6	5.3	62.3	3.0
		.244	*1.575*	*.008*	*.020*		*1.693*												*.236*	*.207*	*2.451*	*.116*
	6	6.2	40.0	0.200	0.50	17°	43.0	CXS-06T098-20-6240L	★	★		★		★			★		6	5.3	62.3	3.0
		.244	*1.575*	*.008*	*.020*		*1.693*												*.236*	*.207*	*2.451*	*.116*
	6	6.2	45.0	0.075	0.50	2°	53.0	CXS-06T098A08-6245R	★	★		★		★			★		6	5.5	53.0	3.0
		.244	*1.772*	*.003*	*.020*		*2.087*												*.236*	*.217*	*2.087*	*.116*
	6	6.2	15.2	0.200	0.75	0°	18.0	CXS-06T098A20-6215R/L	★	★		★		★			★		6	5.7	37.3	3.0
		.244	*.598*	*.008*	*.030*		*.709*												*.236*	*.224*	*1.467*	*.116*
	6	6.2	20.3	0.200	0.75	0°	23.0	CXS-06T098A20-6220R/L	★	★		★		★			★		6	5.7	42.3	3.0
		.244	*.799*	*.008*	*.030*		*.906*												*.236*	*.224*	*1.663*	*.116*
	6	6.2	25.4	0.200	0.75	0°	28.0	CXS-06T098A20-6225R/L	★	★		★		★			★		6	5.7	47.3	3.0
		.244	*1.000*	*.008*	*.030*		*1.102*												*.236*	*.224*	*1.860*	*.116*
	6	6.2	30.5	0.200	0.50	0°	33.0	CXS-06T098A20-6230R/L	★	★		★		★			★		6	5.7	52.3	3.0
		.244	*1.201*	*.008*	*.020*		*1.299*												*.236*	*.224*	*2.057*	*.116*
	6	6.2	40.0	0.200	0.50	0°	43.0	CXS-06T098A20-6240R/L	★	★		★		★			★		6	5.3	62.3	3.0
		.244	*1.575*	*.008*	*.020*		*1.693*												*.236*	*.207*	*2.451*	*.116*
	7	7.2	25.0	0.200	0.50	17°	28.0	CXS-07T098-20-7225R	★	★	☆	★	☆	★	☆	★	★	☆	7	6.3	47.3	3.5
		.283	*.984*	*.008*	*.020*		*1.102*												*.276*	*.246*	*1.860*	*.136*
	7	7.2	25.0	0.200	0.50	17°	28.0	CXS-07T098-20-7225L	★	★		★		★			★		7	6.3	47.3	3.5
		.283	*.984*	*.008*	*.020*		*1.102*												*.276*	*.246*	*1.860*	*.136*
	7	7.2	30.0	0.200	0.50	17°	33.0	CXS-07T098-20-7230R	★	★		★		★		★	★		7	6.3	52.3	3.5
		.283	*1.181*	*.008*	*.020*		*1.299*												*.276*	*.246*	*2.057*	*.136*
	7	7.2	30.0	0.200	0.50	17°	33.0	CXS-07T098-20-7230L	★	★		★		★			★		7	6.3	52.3	3.5
		.283	*1.181*	*.008*	*.020*		*1.299*												*.276*	*.246*	*2.057*	*.136*
	7	7.2	40.0	0.200	0.50	17°	43.0	CXS-07T098-20-7240R	★	★		★		★		★	★		7	6.3	62.3	3.5
		.283	*1.575*	*.008*	*.020*		*1.693*												*.276*	*.246*	*2.451*	*.136*
	7	7.2	40.0	0.200	0.50	17°	43.0	CXS-07T098-20-7240L	★	★		★		★			★		7	6.3	62.3	3.5
		.283	*1.575*	*.008*	*.020*		*1.693*												*.276*	*.246*	*2.451*	*.136*
	7	7.2	45.0	0.200	0.50	17°	48.0	CXS-07T098-20-7245R/L	★	★		★		★			★		7	6.3	67.3	3.5
		.283	*1.772*	*.008*	*.020*		*1.890*												*.276*	*.246*	*2.648*	*.136*
	7	7.2	50.0	0.200	0.50	17°	53.0	CXS-07T098-20-7250R	★	★		★		★		★	★		7	6.3	72.3	3.5
		.283	*1.969*	*.008*	*.020*		*2.087*												*.276*	*.246*	*2.844*	*.136*
	7	7.2	50.0	0.200	0.50	17°	53.0	CXS-07T098-20-7250L	★	★		★		★			★		7	6.3	72.3	3.5
		.283	*1.969*	*.008*	*.020*		*2.087*												*.276*	*.246*	*2.844*	*.136*
	7	7.2	55.0	0.075	0.50	2°	63.0	CXS-07T098A08-7255R	★	★		★		★			★		7	6.5	63.0	3.5
		.283	*2.165*	*.003*	*.020*		*2.480*												*.276*	*.256*	*2.480*	*.136*
	7	7.2	25.4	0.200	0.90	0°	28.0	CXS-07T098A20-7225R/L	★	★		★		★			★		7	6.7	47.3	3.5
		.283	*1.000*	*.008*	*.035*		*1.102*												*.276*	*.262*	*1.860*	*.136*
	7	7.2	30.5	0.200	0.90	0°	33.0	CXS-07T098A20-7230R/L	★	★		★		★			★		7	6.7	52.3	3.5
		.283	*1.201*	*.008*	*.035*		*1.299*												*.276*	*.262*	*2.057*	*.136*
	7	7.2	40.6	0.200	0.50	0°	43.0	CXS-07T098A20-7240R/L	★	★		★		★			★		7	6.7	62.3	3.5
		.283	*1.598*	*.008*	*.020*		*1.693*												*.276*	*.262*	*2.451*	*.136*

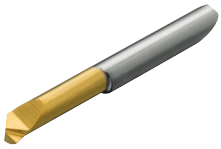
CZC_{MS} to correspond with CZC_{WS} on adapter.

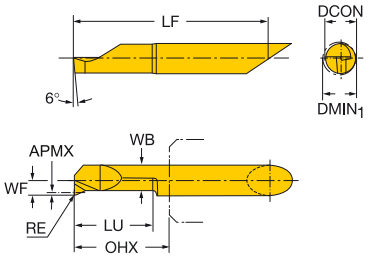
R = Right hand, L = Left hand

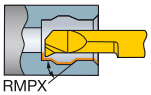
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SANDVIK Coromant

CoroTurn® XS solid carbide tool for turning





	CZC_{MS}	$DMIN_1$	LU	RE	APMX	RMPX	OHX	Ordering code	P	M	N	S	O	Dimensions, mm, inch			
									1025	1025	1025	1025	1025	DCON	WB	LF	WF
	4	3.2	12.0	0.150	0.20	17°	15.0	CXS-04T090-15-3212R/L	★	★	★	★	★	4	2.6	29.3	1.5
		.126	*.472*	*.006*	*.008*		*.591*							*.157*	*.100*	*1.152*	*.057*
	4	4.2	15.0	0.150	0.30	17°	18.0	CXS-04T090-15-4215R/L	★	★	★	★	★	4	3.5	32.3	2.0
		.165	*.591*	*.006*	*.012*		*.709*							*.157*	*.136*	*1.270*	*.077*
	5	5.2	10.0	0.200	0.50	17°	13.0	CXS-05T090-20-5210R/L	★	★	★	★	★	5	4.2	32.3	2.5
		.205	*.394*	*.008*	*.020*		*.512*							*.197*	*.165*	*1.270*	*.096*
	5	5.2	15.0	0.200	0.50	17°	18.0	CXS-05T090-20-5215R/L	★	★	★	★	★	5	4.2	37.3	2.5
		.205	*.591*	*.008*	*.020*		*.709*							*.197*	*.165*	*1.467*	*.096*
	5	5.2	20.0	0.200	0.50	17°	23.0	CXS-05T090-20-5220R/L	★	★	★	★	★	5	4.2	42.3	2.5
		.205	*.787*	*.008*	*.020*		*.906*							*.197*	*.165*	*1.663*	*.096*

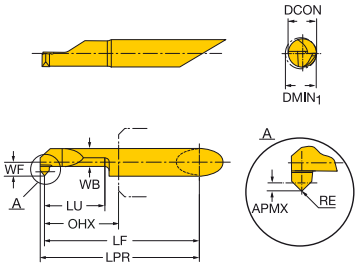
CZC_{MS} to correspond with CZC_{WS} on adapter.

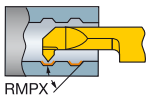
R = Right hand, L = Left hand

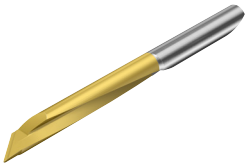
F2 B171 B183 H37 H22

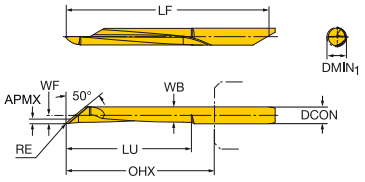
CoroTurn® XS solid carbide tool for turning

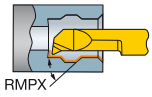




	CZC$_{MS}$	DMIN$_1$	LU	RE	APMX	RMPX	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm, inch DCON	WB	LPR	LF	WF
	5	5.2	15.0	0.200	0.70	42°	17.0	CXS-05T045-20-5215R/L	★	★	★	★	★	5	3.8	37.3	36.3	2.5
		.205	*.591*	*.008*	*.028*		*.669*							*.197*	*.148*	*1.467*	*1.427*	*.096*
	5	5.2	20.0	0.200	0.70	42°	22.0	CXS-05T045-20-5220R/L	★	★	★	★	★	5	3.8	42.3	41.3	2.5
		.205	*.787*	*.008*	*.028*		*.866*							*.197*	*.148*	*1.663*	*1.624*	*.096*
	6	6.2	20.0	0.200	0.70	42°	22.0	CXS-06T045-20-6220R/L	★	★	★	★	★	6	4.0	42.3	41.3	3.0
		.244	*.787*	*.008*	*.028*		*.866*							*.236*	*.156*	*1.663*	*1.624*	*.116*
	6	6.2	25.0	0.200	0.70	42°	27.0	CXS-06T045-20-6225R/L	★	★	★	★	★	6	4.0	47.3	46.3	3.0
		.244	*.984*	*.008*	*.028*		*1.063*							*.236*	*.156*	*1.860*	*1.821*	*.116*
	7	7.2	20.0	0.200	0.70	42°	22.0	CXS-07T045-20-7220R/L	★	★	★	★	★	7	4.3	42.3	41.3	3.5
		.283	*.787*	*.008*	*.028*		*.866*							*.276*	*.167*	*1.663*	*1.624*	*.136*
	7	7.2	40.0	0.200	0.70	42°	42.0	CXS-07T045-20-7240R/L	★	★	★	★	★	7	4.3	62.3	61.3	3.5
		.283	*1.575*	*.008*	*.028*		*1.654*							*.276*	*.167*	*2.451*	*2.411*	*.136*





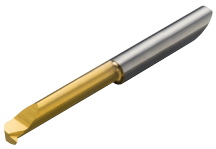
	CZC$_{MS}$	RE	DMIN$_1$	LU	APMX	RMPX	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm, inch DCON	WB	LPR	LF	WF
	4	0.05	4.2	30.0	0.1	2°	CXS-04T140A05-4230R	★	★	★	★	★	4	3.6	38.0	38.0	2.0
		.002	*.165*	*1.181*	*.002*								*.157*	*.140*	*1.496*	*1.496*	*.077*
	5	0.05	5.2	40.0	0.1	2°	CXS-05T140A05-5240R	★	★	★	★	★	5	4.6	48.0	48.0	2.5
		.002	*.205*	*1.575*	*.002*								*.197*	*.179*	*1.890*	*1.890*	*.096*
	6	0.05	6.2	45.0	0.1	2°	CXS-06T140A05-6245R	★	★	★	★	★	6	5.5	53.0	53.0	3.0
		.002	*.244*	*1.772*	*.002*								*.236*	*.217*	*2.087*	*2.087*	*.116*
	7	0.05	7.2	55.0	0.1	2°	CXS-07T140A05-7255R	★	★	★	★	★	7	6.5	63.0	63.0	3.5
		.002	*.283*	*2.165*	*.002*								*.276*	*.256*	*2.480*	*2.480*	*.136*

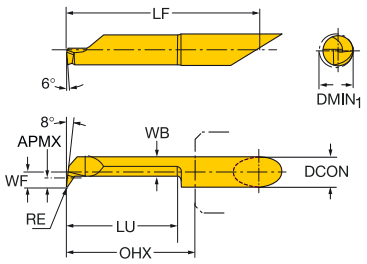
CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

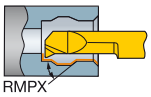
R = Right hand, L = Left hand

F2 B171 B183 H37 H22

CoroTurn® XS solid carbide tool for turning

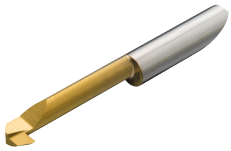


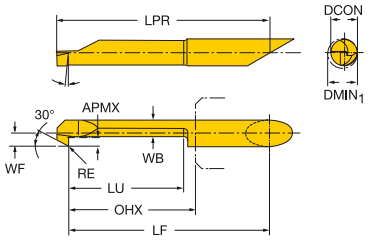


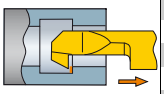
	CZC$_{MS}$	DMIN$_1$	LU	RE	APMX	RMPX	OHX	Ordering code	P	M		N		S		O		Dimensions, mm, inch			
									1025	1025	H10F	1025	H10F	1025	H10F	1025	H10F	DCON	WB	LF	WF
	4	4.2	20.0	0.150	0.80	44°	23.0	CXS-04TE98-15-4220R	★	★	★	★	★	★	★	★	★	4	3.0	37.3	2.0
		.165	*.787*	*.006*	*.031*		*.906*											*.157*	*.116*	*1.467*	*.077*
	4	4.2	20.0	0.150	0.80	44°	23.0	CXS-04TE98-15-4220L	★	★		★		★		★		4	3.0	37.3	2.0
		.165	*.787*	*.006*	*.031*		*.906*											*.157*	*.116*	*1.467*	*.077*
	5	5.2	25.0	0.150	1.00	44°	28.0	CXS-05TE98-15-5225R/L	★	★		★		★		★		5	3.8	47.3	2.5
		.205	*.984*	*.006*	*.039*		*1.102*											*.197*	*.148*	*1.860*	*.096*
	6	6.2	30.0	0.150	1.80	44°	33.0	CXS-06TE98-15-6230R	★	★	★	★	★	★	★	★	★	6	4.0	52.3	3.0
		.244	*1.181*	*.006*	*.071*		*1.299*											*.236*	*.156*	*2.057*	*.116*
	6	6.2	30.0	0.150	1.80	44°	33.0	CXS-06TE98-15-6230L	★	★		★		★		★		6	4.0	52.3	3.0
		.244	*1.181*	*.006*	*.071*		*1.299*											*.236*	*.156*	*2.057*	*.116*
	7	7.2	40.0	0.200	2.50	44°	43.0	CXS-07TE98-20-7240R/L	★	★		★		★		★		7	6.3	62.3	4.2
		.283	*1.575*	*.008*	*.098*		*1.693*											*.276*	*.246*	*2.451*	*.163*

R = Right hand, L = Left hand

CoroTurn® XS solid-carbide tool for back boring





	CZC$_{MS}$	DMIN$_1$	LU	RE	APMX	RMPX	OHX	Ordering code	P	M	N	S	O	Dimensions, mm, inch				
									1025	1025	1025	1025	1025	DCON	WB	LPR	LF	WF
	4	4.2	23.4	0.150	0.80	27°	26.0	CXS-04B090-15-4225R	★	★	★	★	★	4	2.6	42.3	40.3	2.0
		.165	*.921*	*.006*	*.031*		*1.024*							*.157*	*.102*	*1.663*	*1.585*	*.077*
	5	5.2	28.5	0.150	1.00	27°	31.0	CXS-05B090-15-5230R	★	★	★	★	★	5	3.8	52.3	50.3	2.5
		.205	*1.122*	*.006*	*.039*		*1.221*							*.197*	*.150*	*2.057*	*1.979*	*.096*
	6	6.2	28.5	0.150	1.80	27°	31.0	CXS-06B090-15-6230R	★	★	★	★	★	6	4.0	52.3	50.3	3.0
		.244	*1.122*	*.006*	*.071*		*1.221*							*.236*	*.157*	*2.057*	*1.979*	*.116*
	7	7.2	27.5	0.150	2.50	27°	30.0	CXS-07B090-15-7230R	★	★	★	★	★	7	4.3	52.3	49.3	3.5
		.283	*1.083*	*.006*	*.098*		*1.182*							*.276*	*.169*	*2.057*	*1.940*	*.136*

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand

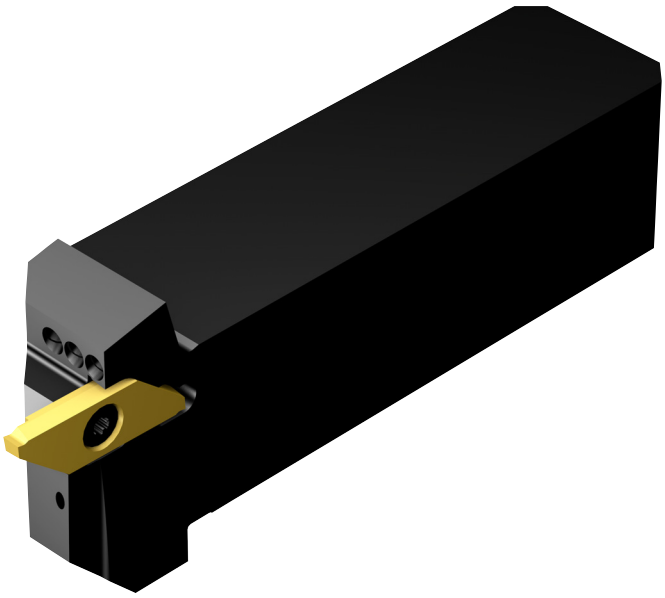
F2 B171 B183 H37 H22

CoroCut® XS

For external machining of small and slender components

Application

- Parting off
- External threading
- External grooving
- Turning



ISO application area:

P M K N S

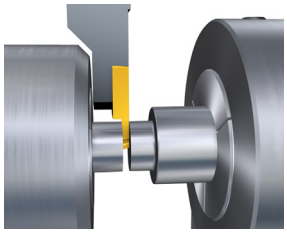
Benefits and features

- High precision
- Close tolerances
- Good accessibility when changing inserts
- Wide variety of insert widths
- Sharp cutting edges
- All inserts fit into the same tool holder
- High-quality ground inserts and holders
- Full profile inserts for high-quality threads in one operation
- Designed to keep the tool holder intact in case of insert breakage.
- Available with precision coolant

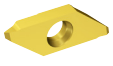
www.sandvik.coromant.com/corocutxs

Holders

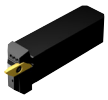
Dedicated holders for parting off close to sub spindle are available in high-precision square shank style.



Inserts

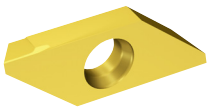
Turning	Back turning	Parting off	Grooving	Profiling	Threading
					
A333	A333	B111	B113	B113	C78

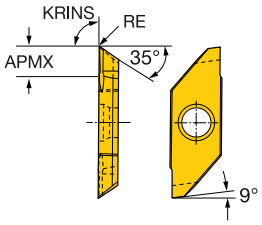
Tools

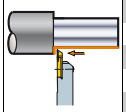
QS™ shank tools	CoroTurn® SL cutting head
	
B114	B115

CoroCut® XS insert for turning

Turning, front turning

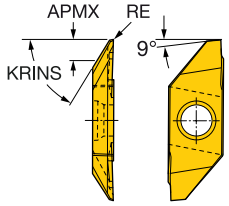


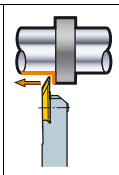


		SSC	S	RE	APMX	ISO CODE	P 1025	P 1105	M 1025	M 1105	K 1025	K H13A	N 1025	N 1105	N H13A	S 1025	S 1105	S H13A
Finishing		3	3.18	0.03	4.0	MAFR/L 3 003	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			.125	.001	.157													
			3.18	0.05	4.0	MAFR/L 3 005	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			.125	.002	.157													
			3.18	0.10	4.0	MAFR/L 3 010	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			.125	.004	.157													
			3.18	0.20	4.0	MAFR/L 3 020	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			.125	.008	.157													

Turning, back turning





		SSC	S	RE	APMX	ISO CODE	P 1025	P 1105	M 1025	M 1105	K 1025	K H13A	N 1025	N 1105	N H13A	S 1025	S 1105	S H13A
Finishing		3	3.18	0.03	4.0	MABR/L 3 003	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			.125	.001	.157													
			3.18	0.05	4.0	MABR/L 3 005	☆	★	☆	★	☆	☆	☆	★	☆	☆	★	☆
			.125	.002	.157													
			3.18	0.10	4.0	MABR/L 3 010	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			.125	.004	.157													
			3.18	0.20	4.0	MABR/L 3 020	☆	★	☆	★	☆	☆	☆	★	☆	☆	★	☆
			.125	.008	.157													

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

B114 B172 B183 H37 H24

Cutting speed recommendations, metric values

The recommendations are valid for use with cutting fluid.

ISO P		Steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					CT5015	GC1525	GC4305	GC4315
					h_{ex}, mm ≈ feed f_n, mm/r			
	CMC				0.05-0.1-0.2	0.05-0.1-0.2	0.1-0.4-0.8	0.1-0.4-0.8
MC No.	No.	Material	N/mm²	HB	Cutting speed (V_c), m/min			
		Unalloyed steel						
P1.1.Z.AN	01.1	C = 0.1–0.25%	1500	125	650-540-440	560-465-380	620-450-330	570-405-300
P1.2.Z.AN	01.2	C = 0.25–0.55%	1600	150	380-245-180	495-415-335	560-405-295	510-365-265
P1.3.Z.AN	01.3	C = 0.55–0.80%	1700	170	510-425-340	430-365-295	530-385-275	460-330-240
		Low-alloy steel						
		(alloying elements ≤5%)						
P2.1.Z.AN	02.1	Non-hardened	1700	180	480-400-320	375-320-255	610-410-285	560-370-260
P2.1.Z.AN	02.12	Ball bearing steel	1800	210	-	-	530-350-250	460-305-215
P2.5.Z.HT	02.2	Hardened and tempered	1850	275	285-235-190	200-165-135	330-230-175	300-210-155
P2.5.Z.HT	02.2	Hardened and tempered	2050	350	230-190-150	160-135-110	265-185-140	240-170-125
		High-alloy steel						
		(alloying elements >5%)						
P3.0.Z.AN	03.11	Annealed	1950	200	395-330-250	260-215-175	445-295-215	405-270-200
P3.0.Z.HT	03.21	Hardened tool steel	3000	325	195-165-130	140-115-90	220-140-105	200-130-95
		Steel castings						
P1.5.C.UT	06.1	Unalloyed	1550	180	260-215-175	225-185-145	335-235-185	300-215-170
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	1600	200	270-225-170	175-145-105	290-205-155	260-185-140
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	2050	225	200-165-125	140-115-85	225-150-115	205-135-105

ISO M		Stainless steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					GC1115	GC1125	GC2015	GC2220
					h_{ex}, mm ≈ feed f_n, mm/r			
	CMC				0.1-0.2-0.3	0.1-0.2-0.3	0.2-0.4-0.6	0.2-0.4-0.6
MC No.	No.	Material	N/mm²	HB	Cutting speed (V_c), m/min			
		Ferritic/martensitic						
		Bars/forged						
P5.0.Z.AN	05.11	Non-hardened	1800	200	335-255-200	280-215-170	260-220-200	-
P5.0.Z.PH	05.12	PH-hardened	2850	330	185-150-120	155-125-100	125-100-80	-
P5.0.Z.HT	05.13	Hardened	2350	330	200-160-140	165-135-120	145-120-85	-
		Austenitic						
		Bars/forged						
M1.0.Z.AQ	05.21	Austenitic	1800	180	265-215-165	220-180-135	290-240-190	225-165-125
M1.0.Z.PH	05.22	PH-hardened	2850	330	185-150-120	155-125-100	130-100-80	100-70-55
M2.0.Z.AQ	05.23	Super austenitic	2250	200	220-190-155	185-160-130	160-135-100	130-100-75
		Austenitic-ferritic (Duplex)						
		Bars/forged						
M3.1.Z.AQ	05.51	Non-weldable ≥ 0.05%C	2000	230	250-205-155	210-170-130	220-185-145	190-150-110
M3.2.Z.AQ	05.52	Weldable < 0.05%C	2450	260	230-170-130	190-140-110	190-150-120	150-120-90
		Ferritic/martensitic						
		Cast						
P5.0.C.UT	15.11	Non-hardened	1700	200	320-265-205	265-220-170	250-210-170	-
	15.12	PH-hardened	2450	330	160-130-95	135-110-80	100-70-55	-
P5.0.C.HT	15.13	Hardened	2150	330	175-145-110	145-120-90	110-90-60	-
		Austenitic						
		Cast						
M1.0.C.UT	15.21	Austenitic	1700	180	280-225-170	230-185-145	220-180-140	200-155-115
	15.22	PH-hardened	2450	330	160-130-95	135-110-80	105-80-60	85-55-40
M2.0.C.AQ	15.23	Super austenitic	2150	200	210-180-150	175-150-125	145-115-95	130-90-65
		Austenitic-ferritic (Duplex)						
		Cast						
M3.1.C.AQ	15.51	Non-weldable ≥ 0.05%C	1800	230	230-170-120	190-140-100	185-150-135	150-120-90
M3.2.C.AQ	15.52	Weldable < 0.05%C	2250	260	205-155-110	170-130-90	160-140-105	125-105-80

ISO K		Heat resistant material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					CB7525	CB7925	CC6190	CC650
					h_{ex}, mm ≈ feed f_n, mm/r			
	CMC				0.1-0.25-0.4	0.1-0.25-0.4	0.2-0.4-0.6	0.1-0.25-0.4
MC No.	No.	Material	N/mm²	HB	Cutting speed (V_c), m/min			
		Malleable cast iron						
	07.1	Ferritic (short chipping)	790	130	-	-	810-660-550	800-700-600
K1.1.C.NS	07.2	Pearlitic	900	230	-	-	700-660-550	700-600-500
		Gray cast iron						
K2.1.C.UT	08.1	Low tensile strength	890	180	1700-1450-1200	1450-1200-1050	890-720-600	800-700-600
K2.2.C.UT	08.2	High tensile strength	970	220	1450-1250-1050	1250-1050-890	790-620-500	760-650-540
		Nodular SG iron						
K3.1.C.UT	09.1	Ferritic	900	160	-	-	-	610-550-450
K3.3.C.UT	09.2	Pearlitic	1350	250	-	-	-	510-450-350
K3.4.C.UT	09.3	Martensitic	2100	380	-	-	-	350-305-260

Cutting speed recommendations, metric values

TOUGHNESS >>>>										
GC4325	**GC4335**									
0.1-0.4-0.8	0.1-0.4-0.8									
510-345-245 455-305-215 425-290-205	425-275-200 380-245-180 365-235-170									
460-305-215 395-265-190 255-180-140 205-145-110	300-185-135 250-155-110 185-120-85 150-95-70									
300-205-150 135-95-75	240-155-105 110-70-50									
240-180-130 210-140-100 185-125-90	185-140-100 165-100-70 145-95-65									

TOUGHNESS >>>>										
GC2025	**GC2035**									
0.2-0.4-0.6	0.2-0.4-0.6									
225-175-130 100-70-45 115-80-55	180-160-130 85-65-45 95-70-50									
190-145-110 100-70-55 130-100-75	170-145-115 85-65-45 100-90-70									
135-100-70 100-70-50	160-135-105 130-110-85									
160-125-90 100-70-45 115-80-55	170-145-115 70-50-40 75-60-50									
170-135-100 85-55-40 130-90-65	150-120-95 70-50-40 100-80-60									
115-85-60 100-70-50	130-110-85 105-95-75									

TOUGHNESS >>>>										
GC3210	**GC3225**	**H13A**								
0.2-0.4-0.6	0.2-0.4-0.6	0.1-0.3-0.5								
385-315-265 315-255-215	260-215-185 210-175-150	140-125-110 125-110-90								
445-360-305 355-290-245	300-250-210 240-200-170	180-145-110 140-115-95								
360-305-250 325-275-225 245-210-170	240-195-165 215-175-150 165-135-115	135-125-95 125-115-90 100-85-65								

Cutting speed recommendations, metric values

The recommendations are valid for use with cutting fluid.

ISO N		Heat resistant material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CD05	CD10	H10
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.4	0.05-0.4	0.15-0.8
MC No.	No.	Material	N/mm²	HB	Cutting speed (V_c), m/min		
		Aluminum alloys					
N1.2.Z.UT	30.11	Wrought or wrought and coldworked, non-aging	400	60	-	2 000 (2500-250)1)	2 000 (2500-250)1)
N1.2.Z.AG	30.12	Wrought or wrought and aged	650	100	-	2 000 (2500-250)1)	2 000 (2500-250)1)
		Aluminum alloys					
N1.3.C.UT		Cast, non-aging	600	75	2 000 (2500-250)1)	2 000 (2500-250)1)	2 000 (2500-250)1)
N1.3.C.AG		Cast or cast and aged	700	90	2 000 (2500-250)1)	2 000 (2500-250)1)	2 000 (2500-250)1)
		Aluminum alloys					
	30.41	Cast, 13–15% Si	700	130	1 550 (1950-195)1)	1 550 (1950-195)1)	450 (560-55)1)
N1.4.C.NS	30.42	Cast, 16–22% Si	700	130	770 (960-95)1)	770 (960-95)1)	300 (375-38)1)
		Copper and copper alloys					
N3.3.U.UT	33.1	Free cutting alloys, ≥1% Pb	550	110	-	500 (630-65)1)	500 (630-65)1)
N3.2.C.UT	33.2	Brass, leaded bronzes, ≤1% Pb	550	90	-	500 (630-65)1)	500 (630-65)1)
N3.1.U.UT	33.3	Bronze and non-leaded copper incl. electrolytic copper	1350	100	-	300 (375-38)1)	300 (375-38)1)

ISO S		Heat resistant material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CC6160	CC6060	CC6065
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.1-0.2-0.3	0.1-0.2-0.3	0.1-0.2-0.3
MC No.	No.	Material	N/mm²	HB	Cutting speed (V_c), m/min		
		Heat resistant super alloys					
		Iron base					
S1.0.U.AN	20.11	Annealed or solution treated	2400	200	-	-	-
S1.0.U.AG	20.12	Aged or solution treated and aged	2500	280	-	-	-
		Nickel base					
S2.0.Z.AN	20.21	Annealed or solution treated	2650	250	400-325-270	400-325-270	330-255-200
S2.0.Z.AG	20.22	Aged or solution treated and aged	2900	350	300-235-190	300-235-190	240-175-130
S2.0.C.NS	20.24	Cast or cast and aged	3000	320	240-205-175	240-205-175	215-180-150
		Cobalt base					
S3.0.Z.AN	20.31	Annealed or solution treated	2700	200	-	-	-
S3.0.Z.AG	20.32	Solution treated and aged	3000	300	-	-	-
S3.0.C.NS	20.33	Cast or cast and aged	3100	320	-	-	-
		Titanium alloys2)		**Rm**3)			
S4.1.Z.UT	23.1	Commercial pure (99.5% Ti)	1300	400	-	-	-
S4.2.Z.AN	23.21	α, near α and α + β alloys, annealed	1400	950	-	-	-
S4.3.Z.AG	23.22	α+β alloys in aged conditions. β alloys. Annealed or aged	1400	1050	-	-	-

ISO H		Hardened material	Specific cutting force k_{c1}	Hardness	<<<< WEAR RESISTANCE		
					CC6050	CB7105	CB7115
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.15-0.25	0.05-0.15-0.25	0.05-0.15-0.25
MC No.	No.	Material	N/mm²		Cutting speed (V_c), m/min		
		Hard steel					
H1.1.Z.HA	04.1	Hardened and tempered	2500	*45HRC*	290-235-175	-	-
H1.1.Z.HA	04.1		3050	*50HRC*	240-195-145	395-300-250	350-265-225
H1.2.Z.HA	04.1		3650	*55HRC*	200-165-120	330-250-210	295-225-185
		Extra hard steel					
H1.3.Z.HA	04.1	Hardened and tempered	4300	*60HRC*	170-140-105	280-215-180	250-190-160
H1.4.Z.HA	04.1		5000	*65HRC*	145-120-90	240-185-155	215-165-135
		Chilled cast iron					
H2.0.C.UT	10.1	Cast or cast and aged	2250	400 HB	-	-	-

1) The cutting speeds shown in the table are valid for all feeds within the feed range.
2) 30–45° lead angle, positive cutting geometry and coolant should be used.
3) Rm = ultimate tensile strength measured in MPa.

Cutting speed recommendations, metric values

H13A							
0.15-0.8							
1 900 (2400-240)1) 1 900 (2400-240)1)							
1 900 (2400-240)1) 1 900 (2400-240)1)							
400 (500-50)1) 250 (315-31)1)							
450 (560-55)1) 450 (560-55)1) 270 (340-34)1)							
CC650	**CC670**	**S05F**	**GC1105**	**GC1115**	**GC1125**	**H13A**	
0.1-0.2	0.1-0.2-0.3	0.1-0.2-0.3	0.1-0.3-0.5	0.1-0.3-0.5	0.1-0.2-0.5	0.1-0.3-0.5	
- -	- -	160-135-110 125-105-85	150-100-70 120-80-60	120-80-55 95-65-50	75-60-45 55-45-35	80-65-50 60-50-40	
400-320 340-265 220-160	385-315-20 325-270-230 295-245-210	100-85-70 90-75-60 80-65-55	90-55-30 80-50-27 70-45-24	70-45-24 65-40-22 60-37-19	45-35-25 35-25-15 23-17-12	50-40-30 40-30-20 25-20-15	
345-260 300-225 285-225	345-255-205 300-225-175 285-225-170	100-85-70 90-75-60 80-65-55	90-60-30 80-50-27 70-45-24	70-45-24 65-40-21 60-37-19	45-35-25 35-25-15 23-17-12	50-40-30 40-30-20 25-20-15	
- - -	- - -	- - -	- - -	185-155-130 80-65-50 75-55-45	- - -	50-40-30 40-30-20 25-20-15	
CB7015	**CB7025**	**CB7525**					
0.05-0.15-0.25	0.05-0.15-0.25	0.1-0.25-0.4					
- 350-265-225 295-225-185 250-190-160 215-165-135	- 250-210-185 210-175-155 180-150-135 155-130-115	- 205-165-135 175-140-110 145-120-95 125-100-80					
-	-	180-150-120					

Cutting speed recommendations, inch values

The recommendations are valid for use with cutting fluid.

ISO P		Steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					CT5015	GC1525	GC4305	GC4315
					h_{ex}, inch ≈ feed f_n, inch/rev. at 0° to -5° lead angle			
	CMC				.002-.004-.008	.002-.004-.008	.004-.016-.031	.004-.016-.031
MC No.	No.	Material	lbs/in²	HB	Cutting speed v_c, ft/min			
		Unalloyed steel						
P1.1.Z.AN	01.1	C = 0.1–0.25%	216,500	125	2150-1800-1450	1850-1500-1250	2050-1450-1100	1850-1350-990
P1.2.Z.AN	01.2	C = 0.25–0.55%	233,000	150	1900-1550-1250	1600-1350-1100	1850-1300-970	1650-1200-880
P1.3.Z.AN	01.3	C = 0.55–0.80%	247,000	170	1650-1400-1100	1400-1200-960	1750-1250-920	1500-1100-790
		Low-alloy steel (alloying elements ≤5%)						
P2.1.Z.AN	02.1	Non-hardened	249,500	180	1550-1300-1050	1250-1050-830	2000-1350-940	1800-1200-860
P2.1.Z.AN	02.12	Ball bearing steel	259,500	210	-	-	1750-1150-820	1500-990-710
P2.5.Z.HT	02.2	Hardened and tempered	268,000	275	920-770-610	650-540-435	1050-750-570	980-680-510
P2.5.Z.HT	02.2	Hardened and tempered	298,000	350	740-620-495	520-435-350	870-610-460	790-550-415
		High-alloy steel (alloying elements >5%)						
P3.0.Z.AN	03.11	Annealed	282,000	200	1300-1050-820	840-710-570	1450-970-720	1350-880-650
P3.0.Z.HT	03.21	Hardened tool steel	435,500	325	640-530-420	465-370-290	710-460-345	650-415-315
		Steel castings						
P1.5.C.UT	06.1	Unalloyed	225,000	180	850-700-570	740-600-470	1100-770-610	990-700-550
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	230,500	200	880-730-550	580-470-345	950-670-510	860-610-470
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	300,500	225	660-550-410	460-365-280	730-490-380	660-450-345

ISO M		Stainless steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					GC1115	GC1125	GC2015	GC2220
					h_{ex}, inch ≈ feed f_n, inch/rev. at 0° to -5° lead angle			
	CMC				.004-.008-.012	.004-.008-.012	.008-.016-.024	.008-.016-.024
MC No.	No.	Material	lbs/in²	HB	Cutting speed (v_c), ft/min			
		Ferritic/martensitic						
		Bars/forged						
P5.0.Z.AN	05.11	Non-hardened	262,000	200	1100-840-650	910-700-550	850-720-650	-
P5.0.Z.PH	05.12	PH-hardened	411,500	330	610-490-390	510-405-325	410-325-260	-
P5.0.Z.HT	05.13	Hardened	340,000	330	650-530-460	540-440-385	475-390-275	-
		Austenitic						
		Bars/forged						
M1.0.Z.AQ	05.21	Austenitic	259,000	180	870-700-530	730-580-445	950-780-620	740-540-400
M1.0.Z.PH	05.22	PH-hardened	414,000	330	610-490-390	510-405-325	425-325-260	330-235-175
M2.0.Z.AQ	05.23	Super austenitic	328,000	200	730-630-510	610-520-420	520-440-325	425-325-245
		Austenitic-ferritic (Duplex)						
		Bars/forged						
M3.1.Z.AQ	05.51	Non-weldable ≥ 0.05%C	286,500	230	830-660-510	690-550-420	720-600-470	620-485-355
M3.2.Z.AQ	05.52	Weldable < 0.05%C	356,500	260	740-550-430	620-455-355	620-490-390	490-390-290
		Ferritic/martensitic						
		Cast						
P5.0.C.UT	15.11	Non-hardened	246,500	200	1050-860-660	870-720-550	820-680-550	-
	15.12	PH-hardened	354,500	330	530-430-310	445-360-260	325-225-180	-
P5.0.C.HT	15.13	Hardened	311,000	330	570-470-350	475-390-290	360-290-195	-
		Austenitic						
		Cast						
M1.0.C.UT	15.21	Austenitic	248,000	180	910-730-560	760-610-465	720-590-455	660-500-370
	15.22	PH-hardened	356,000	330	530-430-310	445-360-260	345-260-195	275-180-130
M2.0.C.AQ	15.23	Super austenitic	310,500	200	690-590-490	570-490-405	475-375-310	425-290-210
		Austenitic-ferritic (Duplex)						
		Cast						
M3.1.C.AQ	15.51	Non-weldable ≥ 0.05%C	258,000	230	750-550-390	620-455-325	600-490-440	490-390-290
M3.2.C.AQ	15.52	Weldable < 0.05%C	326,000	260	670-510-350	560-420-290	530-455-340	410-340-260

ISO K		Heat resistant material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					CB7525	CB7925	CC6190	CC650
					h_{ex}, inch ≈ feed f_n, inch/rev. at 0° to -5° lead angle			
	CMC				.004-.010-.016	.004-.010-.016	.008-.016-.024	.004-.010-.016
MC No.	No.	Material	lbs/in²	HB	Cutting speed (v_c), ft/min			
		Malleable cast iron						
	07.1	Ferritic (short chipping)	115,000	130	-	-	2650-2150-1800	2600-2300-1950
K1.1.C.NS	07.2	Pearlitic	131,000	230	-	-	2300-1800-1450	2300-1950-1600
		Gray cast iron						
K2.1.C.UT	08.1	Low tensile strength	130,000	180	5600-4650-3950	4750-3950-3400	2900-2350-1950	2650-2300-1950
K2.2.C.UT	08.2	High tensile strength	140,500	220	4800-4000-3450	4100-3400-2900	2600-2000-1650	2500-2100-1750
		Nodular SG iron						
K3.1.C.UT	09.1	Ferritic	130,000	160	-	-	-	2000-1800-1450
K3.3.C.UT	09.2	Pearlitic	194,500	250	-	-	-	1650-1450-1150
K3.4.C.UT	09.3	Martensitic	307,000	380	-	-	-	1150-1000-860

Cutting speed recommendations, inch values

TOUGHNESS >>>>										
GC4325	**GC4335**									
.004-.016-.031	.004-.016-.031									
1400-890-660 1250-800-590 1200-760-560	1400-890-660 1250-800-590 1200-760-560									
980-600-445 820-500-365 600-385-280 485-310-225	980-600-445 820-500-365 600-385-280 485-310-225									
780-500-345 360-225-165	780-500-345 360-225-165									
600-450-335 540-320-235 470-305-220	600-450-335 540-320-235 470-305-220									

TOUGHNESS >>>>										
GC2025	**GC2035**									
.008-.016-.024	.008-.016-.024									
739-575 427 328-230-148 378-263-181	590-520-420 280-210-145 310-225-160									
624-476-361 328-230-181 427-328-246	560-470-375 280-210-145 330-295-225									
443-328-230 328-230-164	520-440-340 425-360-275									
525-410-296 328-230-148 378-263-181	560-470-375 230-165-130 240-190-160									
558-443-328 279-181-131 427-296-213	490-390-310 230-165-130 330-260-195									
378-279-197 328-230-164	425-360-275 345-310-245									

TOUGHNESS >>>>										
GC3210	**GC3225**	**H13A**								
.008-.016-.024	.008-.016-.024	.004-.010-.016								
1250-1050-860 1050-830-700	850-700-600 690-570-490	460-410-360 410-360-295								
1450-1150-990 1150-950-800	980-820-680 790-650-550	590-470-355 460-375-310								
1200-990-810 1050-900-730 800-680-550	780-640-540 700-570-490 540-440-375	445-470-310 410-375-290 330-275-210								

Cutting speed recommendations, inch values

The recommendations are valid for use with cutting fluid.

ISO N		Heat resistant material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CD05	CD10	H10
					h_{ex}, inch ≈ feed f_n, inch/rev. at 0° to -5° lead angle		
	CMC				.002-.016	.002-.016	.006-.031
MC No.	No.	Material	lbs/in²	HB	Cutting speed (v_c), ft/min		
		Aluminum alloys					
N1.2.Z.UT	30.11	Wrought or wrought and coldworked, non-aging	58,000	60	-	6550 (8200-820)1)	6550 (8200-820)1)
N1.2.Z.AG	30.12	Wrought or wrought and aged	94,500	100	-	6550 (8200-820)1)	6550 (8200-820)1)
		Aluminum alloys					
N1.3.C.UT		Cast, non-aging	87,000	75	6550 (8200-820)1)	6550 (8200-820)1)	6550 (8200-820)1)
N1.3.C.AG		Cast or cast and aged	101,500	90	6550 (8200-820)1)	6550 (8200-820)1)	6550 (8200-820)1)
		Aluminum alloys					
	30.41	Cast, 13–15% Si	101,500	130	5000 (6250-630)1)	5000 (6250-630)1)	1500 (1900-190)1)
N1.4.C.NS	30.42	Cast, 16–22% Si	101,500	130	2500 (3150-315)1)	2500 (3150-315)1)	980 (1250-125)1)
		Copper and copper alloys					
N3.3.U.UT	33.1	Free cutting alloys, ≥1% Pb	79,500	110	-	1650 (2050-205)1)	1650 (2050-205)1)
N3.2.C.UT	33.2	Brass, leaded bronzes, ≤1% Pb	80,000	90	-	1650 (2050-205)1)	1650 (2050-205)1)
N3.1.U.UT	33.3	Bronze and non-leaded copper incl. electrolytic copper	196,000	100	-	980 (1250-125)1)	980 (1250-125)1)

ISO S		Heat resistant material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CC6160	CC6060	CC6065
					h_{ex}, inch ≈ feed f_n, inch/rev. at 0° to -5° lead angle		
	CMC				.004-.008-.012	.004-.008-.012	.004-.008-.012
MC No.	No.	Material	lbs/in²	HB	Cutting speed (v_c), ft/min		
		Heat resistant super alloys					
		Iron base					
S1.0.U.AN	20.11	Annealed or solution treated	348,000	200	-	-	-
S1.0.U.AG	20.12	Aged or solution treated and aged	359,000	280	-	-	-
		Nickel base					
S2.0.Z.AN	20.21	Annealed or solution treated	383,000	250	1300-1050-880	1300-1050-880	1100-830-650
S2.0.Z.AG	20.22	Aged or solution treated and aged	420,500	350	980-770-620	980-770-620	790-570-420
S2.0.C.NS	20.24	Cast or cast and aged	436,500	320	790-660-570	790-660-570	700-580-485
		Cobalt base					
S3.0.Z.AN	20.31	Annealed or solution treated	391,500	200	-	-	-
S3.0.Z.AG	20.32	Solution treated and aged	432,000	300	-	-	-
S3.0.C.NS	20.33	Cast or cast and aged	450,500	320	-	-	-
		Titanium alloys[2]		**Rm**[3]			
S4.1.Z.UT	23.1	Commercial pure (99.5% Ti)	188,500	400	-	-	-
S4.2.Z.AN	23.21	α, near α and α + β alloys, annealed	203,000	950	-	-	-
S4.3.Z.AG	23.22	α+β alloys in aged conditions. β alloys. Annealed or aged	203,000	1050	-	-	-

ISO H		Hardened material	Specific cutting force k_{c1}	Hardness	<<<< WEAR RESISTANCE		
					CC6050	CB7105	CB7115
					h_{ex}, inch ≈ feed f_n, inch/rev. at 0° to -5° lead angle		
	CMC				.002-.006-.010	.002-.006-0.10	.002-.006-0.10
MC No.	No.	Material	lbs/in²		Cutting speed (v_c), ft/min		
		Hard steel					
H1.1.Z.HA	04.1	Hardened and tempered	336,000	*45HRC*	950-770-570	-	-
H1.1.Z.HA	04.1		445,500	*50HRC*	780-630-470	1300-980-820	1150-870-730
H1.2.Z.HA	04.1		532,000	*55HRC*	660-530-395	1100-820-690	960-730-610
		Extra hard steel					
H1.3.Z.HA	04.1	Hardened and tempered	625,500	*60HRC*	560-450-335	920-700-580	820-620-520
H1.4.Z.HA	04.1		726,500	*65HRC*	480-390-290	790-600-500	710-530-450
		Chilled cast iron					
H2.0.C.UT	10.1	Cast or cast and aged	326,500	400 HB	-	-	-

1) The cutting speeds shown in the table are valid for all feeds within the feed range.
2) 30–45° lead angle, positive cutting geometry and coolant should be used.
3) Rm = ultimate tensile strength measured in MPa.

Cutting speed recommendations, inch values

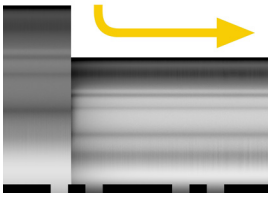
H13A							
.006-.031							
6250 (7800-780)1) 6250 (7800-780)1)							
6250 (7800-780)1) 6250 (7800-780)1)							
1300 (1650-165)1) 820 (1050-105)1)							
1500 (1900-190)1) 1500 (1900-190)1) 890 (1100-110)1)							

CC650	**CC670**	**S05F**	**GC1105**	**GC1115**	**GC1125**	**H13A**	
.004-.008	.004-.008-.012	.004-.008-.012	.004-.012-.020	.004-.012-.020	.004-.012-.020	.004-.012-.020	
- -	- -	520-435-355 410-345-280	490-325-225 390-260-195	395-260-180 315-210-155	245-195-145 180-145-115	260-210-160 195-165-130	
1300-1050 1100-860 720-520	1250-1050-880 1050-870-740 970-800-680	325-275-225 295-245-200 260-220-180	295-185-95 265-165-85 235-150-75	235-150-75 215-135-70 190-120-60	150-115-80 115-80-50 75-55-39	165-130-95 130-95-65 80-65-50	
1150-840 980-720 930-730	1150-830-660 980-720-570 930-730-550	325-275-225 290-245-200 260-220-180	295-185-95 265-165-85 235-150-75	240-150-75 210-135-70 190-120-60	150-115-80 115-80-50 75-55-39	165-130-95 130-95-65 80-65-50	
- - -	- - -	- - -	- - -	610-500-425 255-205-170 245-180-155	- - -	590-485-410 245-200-165 235-175-150	

CB7015	**CB7025**	**CB7525**					
.002-.006-.010	.002-.006-.010	.004-.010-.016					
- 1150-870-730 960-730-610 820-620-520 710-530-450	- 820-690-610 690-580-510 590-490-435 510-425-375	- 680-540-435 570-455-365 480-385-310 415-330-270					
-	-	590-480-390					

Cutting data

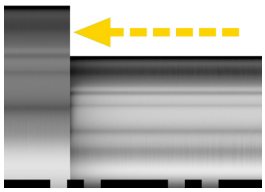
CoroTurn® Prime



SBW = Side backward



EBW = End backward



SFW = Side forward



EFW = End forward

A-type inserts with screw clamp design on holder



	SBW mm (inch)	EBW mm (inch)	SFW mm (inch)	EFW mm (inch)
f_n min	0.20 (.0079)	0.20 (.0079)	0.10 (.0039)	0.10(.0039)
f_n rec	0.40 (.0157)	0.40(.0157)	0.20(.0079)	0.20(.0079)
f_n max	0.50 (.0197)	0.50 (.0197)	0.25 (.0098)	0.25 (.0098)
a_p min	0.25 (.0100)	0.25 (.0100)	0.25 (.0100)	0.25 (.0100)
a_p rec	1.50 (.0590)	1.50 (.0590)	1.00 (.0390)	1.00(.0390)
a_p max	3.00 (.1180)	2.50 (.0980)	1.50 (.0590)	1.50 (.0590)
KAPR	30°	25°	115°	120°
RMPX	15°	10°	15°	10°
D min3		30		0

Cutting speed

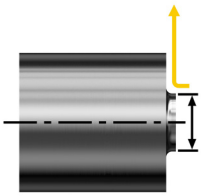
Material	v_c m/min
P	250-350
M	100-250
S	40-120

B-type inserts with rigid clamp design on holder

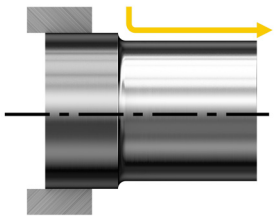


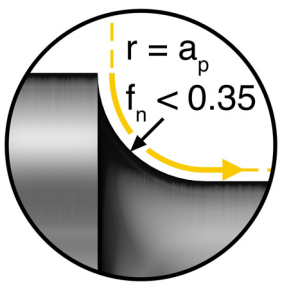
	SBW	EBW	SFW	EFW
f_n min	0.30 (.0118)	0.30 (.0118)	0.20 (.0079)	0.20 (.0079)
f_n rec	0.60 (.0236)	0.60 (.0236)	0.35 (.0138)	0.30 (.0118)
f_n max	1.20 (.0472)	1.20 (.0472)	0.60 (.0236)	0.60 (.0236)
a_p min	0.50 (.0200)	0.50 (.0200)	0.50 (.0200)	0.50 (.0200)
a_p rec	2.00 (.0790)	1.00 (.0390)	2.00 (.0790)	2.00 (.0790)
a_p max	4.00 (.1570)	1.50(.0590)	3.00 (.1180)	3.00 (.1180)
KAPR	25°	25°	95°	95°
RMPX	23°	23°	23°	23°
D min3		40		0

Minimum diameter



Feed reduction and radial entry required





Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CNGA090304S01030A	0.1	0.07	0.4	0.1	0.05	0.2
CNGA090304S01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
CNGA090304T01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
CNGA090308S01030A	0.2	0.07	0.8	0.15	0.05	0.3
CNGA090308S01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
CNGA090308S02035A	0.2	0.07	0.8	0.15	0.05	0.3
CNGA090308T01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
CNGA120404S01020A	0.1	0.07	0.4	0.1	0.05	0.2
CNGA120404S01020H	0.1	0.07	0.2	0.1	0.05	0.2
CNGA120404S01030A	0.1	0.07	0.4	0.1	0.05	0.2
CNGA120404S01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
CNGA120404S01525	0.1	0.1	0.5	0.1	0.05	0.2
CNGA120404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
CNGA120404S01525WH	0.1	0.1	0.5	0.1	0.05	0.3
CNGA120404S02035A	0.2	0.07	0.4	0.15	0.05	0.3
CNGA120404S02035B	0.2	0.07	0.4	0.15	0.05	0.3
CNGA120404T01020B	0.1	0.07	0.4	0.1	0.05	0.2
CNGA120404T01020BWG	0.1	0.07	0.4	0.18	0.05	0.25
CNGA120404T01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
CNGA120408EA	0.15	0.07	0.8	0.1	0.05	0.2
CNGA120408S01018A	0.15	0.07	0.8	0.15	0.05	0.3
CNGA120408S01020H	0.2	0.07	0.4	0.15	0.05	0.3
CNGA120408S01030A	0.2	0.07	0.8	0.15	0.05	0.3
CNGA120408S01030AWG	0.1	0.07	0.8	0.28	0.05	0.35
CNGA120408S01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
CNGA120408S01520HWG	0.1	0.07	0.4	0.28	0.05	0.35
CNGA120408S01520HWH	0.1	0.07	0.4	0.28	0.05	0.35
CNGA120408S01525	0.2	0.1	1	0.1	0.05	0.3
CNGA120408S01525H	0.2	0.07	0.4	0.15	0.05	0.3
CNGA120408S01525WH	0.1	0.1	1	0.15	0.05	0.35
CNGA120408S01530B	0.15	0.1	1	0.15	0.05	0.3
CNGA120408S02030H	0.2	0.07	0.4	0.15	0.05	0.3
CNGA120408S02035A	0.2	0.07	0.8	0.15	0.05	0.3
CNGA120408S02035AWH	0.1	0.05	0.4	0.2	0.05	0.35
CNGA120408S02035B	0.2	0.07	0.8	0.15	0.05	0.3
CNGA120408T01020	1.2	0.1	3.6	0.1	0.07	0.2
CNGA120408T01020B	0.15	0.07	0.8	0.15	0.05	0.3
CNGA120408T01020BWG	0.1	0.07	0.8	0.28	0.05	0.35
CNGA120408T01020WG	3.6	0.1	6	0.25	0.15	0.36
CNGA120408T01030A	0.2	0.07	0.8	0.15	0.05	0.3
CNGA120408T01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
CNGA120408T01525	0.2	0.1	1	0.1	0.05	0.3
CNGA120408T01525WH	0.2	0.1	1	0.15	0.05	0.35
CNGA120408T02520	3	2	4	0.5	0.3	0.56
CNGA120412EA	0.15	0.07	1.2	0.1	0.05	0.2
CNGA120412S01018A	0.2	0.07	1.2	0.2	0.05	0.4
CNGA120412S01020H	0.2	0.07	0.6	0.2	0.05	0.3
CNGA120412S01030A	0.2	0.07	1.2	0.2	0.05	0.3
CNGA120412S01030AWG	0.2	0.07	1.2	0.32	0.05	0.4
CNGA120412S01030AWH	0.2	0.07	1.2	0.32	0.05	0.4
CNGA120412S01520HWG	0.2	0.07	0.6	0.32	0.05	0.4
CNGA120412S01520HWH	0.2	0.07	0.6	0.32	0.05	0.4
CNGA120412S01525	0.3	0.1	1.5	0.15	0.05	0.35
CNGA120412S01525H	0.2	0.07	0.6	0.2	0.05	0.3
CNGA120412S01525WH	0.3	0.1	1.5	0.2	0.05	0.35
CNGA120412S01530B	0.2	0.1	1.5	0.2	0.05	0.3
CNGA120412S02030H	0.2	0.07	0.6	0.2	0.05	0.3
CNGA120412S02035A	0.2	0.07	1.2	0.2	0.05	0.3
CNGA120412S02035B	0.2	0.07	1.2	0.2	0.05	0.3
CNGA120412T01020	1.2	0.1	3.6	0.14	0.07	0.3
CNGA120412T01020B	0.2	0.07	1.2	0.2	0.05	0.4
CNGA120412T01020WG	3.6	0.1	6	0.45	0.15	0.54
CNGA120412T01030A	0.2	0.07	1.2	0.2	0.05	0.3
CNGA120412T01030AWH	0.2	0.07	1.2	0.32	0.05	0.4
CNGA120412T02520	3	2	4	0.5	0.3	0.6
CNGA120416S01030A	0.6	0.07	1.6	0.5	0.05	0.5
CNGA120416S01030A	0.6	0.07	1.6	0.5	0.05	0.7
CNGA120416S01525H	0.2	0.07	0.8	0.2	0.05	0.5
CNGA120416S02035A	0.2	0.07	1.6	0.2	0.05	0.3
CNGA120416T01020	1.2	0.1	3.6	0.19	0.07	0.3
CNGA120416T01020WG	3.6	0.1	6	0.6	0.15	0.6
CNGA120416T02520	3	2	4	0.5	0.3	0.6
CNGA160608T01020	1.6	0.1	4.8	0.1	0.07	0.2

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CNGA160612T01020	1.6	0.1	4.8	0.14	0.07	0.3
CNGA160612T02520	4.8	0.1	8	0.3	0.15	0.54
CNGA160616T02520	4.8	0.1	8	0.4	0.15	0.6
CNGA190616T02520	5.7	0.1	9.5	0.4	0.15	0.6
CNGG120401-SGF	0.1	0.05	3	0.03	0.01	0.08
CNGG120402-SGF	0.2	0.08	3	0.04	0.02	0.1
CNGG120404-SGF	0.3	0.1	3	0.12	0.05	0.25
CNGG120408-SGF	0.5	0.2	3	0.15	0.1	0.3
CNGG120412-SGF	0.8	0.3	4	0.18	0.1	0.35
CNGQ120708T02520	3.6	0.1	6	0.2	0.15	0.36
CNGQ120708T02520WG	3.6	0.1	6	0.3	0.15	0.36
CNGQ120712T02520	3.6	0.1	6	0.3	0.15	0.54
CNGQ120712T02520WG	3.6	0.1	6	0.45	0.15	0.54
CNGQ120716T02520	3.6	0.1	6	0.4	0.15	0.6
CNGX120712T02520	3.6	0.1	6	0.3	0.15	0.54
CNGX120716T02520	3.6	0.1	6	0.4	0.15	0.6
CNMA120404-KR	2.5	0.2	5	0.2	0.1	0.3
CNMA120408-KR	4	0.2	8	0.35	0.15	0.6
CNMA120412-KR	4	0.3	8	0.45	0.2	0.8
CNMA120416-KR	4	0.3	8	0.55	0.2	1
CNMA160612-KR	5	0.3	10	0.45	0.2	0.8
CNMA160616-KR	5	0.3	10	0.55	0.2	1
CNMA190608-KR	6	0.2	12	0.35	0.15	0.6
CNMA190612-KR	6	0.3	12	0.45	0.2	0.8
CNMA190616-KR	6	0.3	12	0.55	0.2	1
CNMA190624-KR	6	0.4	12	0.6	0.2	1.19
CNMG090304-MF	0.4	0.1	1.5	0.15	0.05	0.25
CNMG090304-MM	1.5	0.15	4	0.25	0.1	0.4
CNMG090304-PF	0.4	0.25	1.5	0.15	0.07	0.3
CNMG090304-PM	2	0.4	4	0.2	0.1	0.3
CNMG090304-QM	3	1	4.5	0.25	0.18	0.3
CNMG090304-WF	0.5	0.3	1.5	0.15	0.05	0.25
CNMG090308-MF	0.4	0.1	1.5	0.2	0.1	0.35
CNMG090308-MM	2	0.5	4	0.25	0.1	0.4
CNMG090308-PF	0.4	0.3	1.5	0.15	0.1	0.3
CNMG090308-PM	2	0.5	4	0.3	0.15	0.5
CNMG090308-QM	3	1	4.5	0.35	0.2	0.5
CNMG090308-WF	1	0.3	2	0.3	0.1	0.3
CNMG120404-KF	0.5	0.15	2	0.15	0.08	0.25
CNMG120404-MF	0.4	0.1	1.5	0.15	0.05	0.3
CNMG120404-PF	0.4	0.25	1.5	0.15	0.07	0.3
CNMG120404-PM	3	0.4	5.5	0.2	0.1	0.3
CNMG120404-QM	3	1	6	0.25	0.18	0.3
CNMG120404-SF	0.4	0.15	1.5	0.12	0.08	0.22
CNMG120404-SM	1.5	0.15	2.5	0.2	0.1	0.3
CNMG120404-WF	0.4	0.25	3	0.25	0.05	0.25
CNMG120404-XF	0.75	0.15	4	0.15	0.05	0.2
CNMG120404-XM	2.5	0.3	5	0.18	0.08	0.3
CNMG120408-KF	0.5	0.15	2	0.2	0.1	0.3
CNMG120408-KM	3	0.2	6	0.35	0.15	0.5
CNMG120408-KR	3.5	0.38	7	0.38	0.19	0.53
CNMG120408-MF	0.4	0.1	1.5	0.2	0.1	0.4
CNMG120408-MM	3	0.5	5.7	0.25	0.1	0.45
CNMG120408-MR	3	2	7.6	0.3	0.15	0.55
CNMG120408-PF	0.4	0.3	1.5	0.2	0.1	0.4
CNMG120408-PM	3	0.5	5.5	0.3	0.15	0.5
CNMG120408-PR	4	0.7	7	0.35	0.2	0.5
CNMG120408-QM	3	1	6	0.35	0.2	0.5
CNMG120408-SF	0.5	0.2	1.5	0.15	0.1	0.25
CNMG120408-SM	2	0.2	3	0.25	0.1	0.35
CNMG120408-SMR	2	0.5	4	0.3	0.1	0.4
CNMG120408-WF	1	0.25	4	0.3	0.1	0.5
CNMG120408-WMX	3	0.5	5	0.45	0.15	0.7
CNMG120408-XF	1	0.2	4	0.2	0.05	0.25
CNMG120408-XM	2.5	0.5	5	0.25	0.1	0.4
CNMG120408-XMR	3	0.5	6	0.3	0.15	0.5
CNMG120412-KF	1	0.2	2.5	0.25	0.1	0.35
CNMG120412-KM	3	0.3	6	0.4	0.15	0.6
CNMG120412-KR	3.5	0.5	7	0.5	0.25	0.7
CNMG120412-MF	0.8	0.2	2.5	0.25	0.15	0.5
CNMG120412-MM	3	0.5	5.7	0.3	0.1	0.6
CNMG120412-MR	3	2	7.6	0.35	0.15	0.6
CNMG120412-PF	0.8	0.35	1.5	0.25	0.15	0.5

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CNMG120412-PM	3	0.8	5.5	0.35	0.18	0.6
CNMG120412-PR	4	1	7	0.4	0.25	0.7
CNMG120412-QM	3	1	6	0.35	0.25	0.6
CNMG120412-SF	0.8	0.4	2	0.17	0.12	0.3
CNMG120412-SM	2	0.3	3.5	0.28	0.12	0.38
CNMG120412-SMR	2	0.5	4	0.32	0.12	0.42
CNMG120412-WF	1.5	0.4	4	0.5	0.2	0.6
CNMG120412-WM	3.5	0.8	6	0.5	0.2	0.9
CNMG120412-WMX	3.5	0.8	6	0.5	0.2	0.75
CNMG120412-XM	3	0.7	5	0.3	0.15	0.45
CNMG120412-XMR	3	0.75	6	0.32	0.18	0.55
CNMG120416-KM	3	0.3	6	0.45	0.2	0.7
CNMG120416-KR	3.5	0.75	7	0.61	0.28	0.85
CNMG120416-MR	3	2	7.6	0.4	0.15	0.7
CNMG120416-PM	3	1	5.5	0.4	0.23	0.65
CNMG120416-PR	4	1.5	7	0.5	0.32	0.75
CNMG120416-QM	3	1	6	0.4	0.3	0.65
CNMG120416-SMR	2	0.5	4	0.35	0.15	0.45
CNMG120416-XMR	3.5	1	6	0.35	0.21	0.6
CNMG160604-QM	3	1	8	0.25	0.18	0.3
CNMG160608-KM	4	0.2	8	0.35	0.15	0.5
CNMG160608-MM	4	0.5	7.2	0.25	0.1	0.45
CNMG160608-PM	4	0.5	7.2	0.3	0.15	0.5
CNMG160608-PR	5	0.7	8	0.35	0.2	0.5
CNMG160608-QM	3	1	8	0.35	0.2	0.5
CNMG160608-SM	3	0.5	8	0.3	0.17	0.5
CNMG160608-WM	3.5	0.7	6.5	0.4	0.2	0.7
CNMG160608-WMX	3	0.5	5	0.45	0.15	0.7
CNMG160612-KM	4	0.3	8	0.4	0.15	0.6
CNMG160612-KR	4.7	0.8	9.3	0.55	0.28	0.77
CNMG160612-MM	4	0.5	7.2	0.3	0.1	0.6
CNMG160612-MR	4	2	10	0.35	0.15	0.6
CNMG160612-PM	4	0.8	7.2	0.35	0.18	0.6
CNMG160612-PR	5	1	8	0.4	0.25	0.7
CNMG160612-QM	3	1	8	0.35	0.25	0.6
CNMG160612-SM	4	1	6	0.25	0.2	0.35
CNMG160612-WM	3.5	0.7	6.5	0.4	0.2	0.7
CNMG160612-WMX	3.5	0.8	6	0.5	0.2	0.75
CNMG160612-XMR	4	1	7	0.4	0.2	0.65
CNMG160616-KM	4	0.3	8	0.45	0.2	0.7
CNMG160616-KR	4.7	1	9.3	0.61	0.3	0.85
CNMG160616-MM	4	0.5	7.2	0.37	0.1	0.65
CNMG160616-MR	4	2	10	0.4	0.15	0.7
CNMG160616-PM	4	1	7.2	0.4	0.23	0.65
CNMG160616-PR	5	1.5	8	0.5	0.3	0.8
CNMG160616-QM	3	1	8	0.35	0.3	0.55
CNMG160616-SM	4	1	6	0.3	0.25	0.4
CNMG160616-SMR	4	1	6	0.4	0.3	0.5
CNMG160616-XMR	4	1	7	0.45	0.25	0.7
CNMG160624-PR	5	2	8	0.5	0.32	0.9
CNMG190604-QM	3	1	8	0.25	0.18	0.3
CNMG190608-MM	4	0.5	8.5	0.25	0.1	0.45
CNMG190608-PM	4	0.5	8.6	0.3	0.15	0.5
CNMG190608-PR	5	0.7	10	0.35	0.2	0.5
CNMG190608-QM	3	1	8	0.35	0.2	0.5
CNMG190608-SM	4	0.5	8	0.3	0.15	0.5
CNMG190612-KM	4.5	0.3	9	0.4	0.15	0.6
CNMG190612-KR	7	1	14	0.55	0.28	0.77
CNMG190612-MM	4	0.5	8.5	0.3	0.1	0.6
CNMG190612-MR	4	2	11.4	0.35	0.15	0.6
CNMG190612-PM	4	0.8	8.6	0.35	0.18	0.6
CNMG190612-PR	5	1	10	0.4	0.25	0.7
CNMG190612-QM	3	1	8	0.35	0.25	0.6
CNMG190612-SM	2	0.5	9	0.3	0.2	0.5
CNMG190612-SMR	6	1	9	0.35	0.25	0.42
CNMG190612-XMR	4	1	8.5	0.45	0.25	0.7
CNMG190616-KM	4.5	0.3	9	0.45	0.2	0.7
CNMG190616-KR	7	1.5	14	0.61	0.3	0.85
CNMG190616-MM	4	0.5	8.5	0.37	0.1	0.65
CNMG190616-MR	4	2	11.4	0.4	0.15	0.7
CNMG190616-PM	4	1	8.6	0.4	0.23	0.65
CNMG190616-PR	5	1.5	10	0.5	0.3	0.8
CNMG190616-QM	3	1	8	0.4	0.3	0.65

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CNMG190616-SM	6	1	9	0.3	0.25	0.4
CNMG190616-SMR	6	1	9	0.4	0.3	0.5
CNMG190624-MR	4	2	11.4	0.5	0.15	1
CNMG190624-PR	5	2	10	0.5	0.32	0.9
CNMM120408-MR	3	0.7	7.5	0.35	0.2	0.55
CNMM120408-PR	5	0.7	7.5	0.4	0.2	0.55
CNMM120412-MR	3	1	7.5	0.4	0.25	0.7
CNMM120412-PR	5	1	7.5	0.5	0.25	0.7
CNMM120416-MR	3	1.5	7.5	0.5	0.32	0.9
CNMM120416-PR	5	1.5	7.5	0.55	0.32	0.9
CNMM160608-PR	6	0.7	9.5	0.4	0.2	0.55
CNMM160612-MR	6	1.2	9.5	0.45	0.32	0.65
CNMM160612-PR	6	1	9.5	0.5	0.25	0.7
CNMM160616-MR	6	1.5	9.5	0.5	0.35	0.8
CNMM160616-PR	6	1.5	9.5	0.55	0.32	0.9
CNMM190612-MR	7	1.5	12	0.5	0.32	0.7
CNMM190612-PR	6	1	12	0.5	0.25	0.7
CNMM190616-MR	7	1.8	12	0.55	0.35	0.9
CNMM190616-PR	6	1.5	12	0.55	0.32	0.9
CNMM190624-MR	7	2.5	12	0.6	0.4	1.2
CNMM190624-PR	6	2	12	0.55	0.35	1.2
CNMX1204A1-SM	1	0.5	1.5	0.25	0.13	0.35
CNMX1204A2-SM	2	0.5	2.5	0.25	0.13	0.35
DNGA110404S01020A	0.1	0.07	0.4	0.1	0.05	0.2
DNGA110404S01030A	0.1	0.07	0.4	0.1	0.05	0.2
DNGA110404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
DNGA110404T01020B	0.1	0.07	0.4	0.1	0.05	0.2
DNGA110408S01020A	0.15	0.07	0.8	0.15	0.05	0.3
DNGA110408S01030A	0.2	0.07	0.8	0.15	0.05	0.3
DNGA110408S01525H	0.2	0.07	0.4	0.15	0.05	0.3
DNGA110408S02035A	0.2	0.07	0.8	0.15	0.05	0.3
DNGA110408T01020B	0.15	0.07	0.8	0.15	0.05	0.3
DNGA110412S01030A	0.2	0.07	1.2	0.2	0.05	0.3
DNGA110412S01525H	0.2	0.07	0.6	0.2	0.05	0.3
DNGA150404S01020A	0.1	0.07	0.4	0.1	0.05	0.2
DNGA150404S01030A	0.1	0.07	0.4	0.1	0.05	0.2
DNGA150404S01525	0.1	0.1	0.5	0.1	0.05	0.2
DNGA150404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
DNGA150404S02035A	0.2	0.07	0.4	0.15	0.05	0.3
DNGA150408EA	0.15	0.07	0.8	0.1	0.05	0.2
DNGA150408S01020A	0.1	0.07	0.8	0.1	0.05	0.2
DNGA150408S01030A	0.2	0.07	0.8	0.15	0.05	0.3
DNGA150408S01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
DNGA150408S01520HWH	0.2	0.07	0.6	0.32	0.05	0.4
DNGA150408S01525	0.2	0.1	1	0.1	0.05	0.3
DNGA150408S01525H	0.2	0.07	0.6	0.2	0.05	0.3
DNGA150408S01530B	0.2	0.1	0.8	0.15	0.05	0.3
DNGA150408S02030H	0.2	0.07	0.2	0.15	0.05	0.3
DNGA150408S02035A	0.2	0.07	0.4	0.15	0.05	0.3
DNGA150408S02035AWH	0.1	0.07	0.8	0.28	0.05	0.35
DNGA150408T01020	1.5	0.1	4.5	0.1	0.07	0.2
DNGA150408T01525	0.2	0.1	1	0.1	0.05	0.3
DNGA150408T02520	4.5	0.1	7.5	0.2	0.15	0.36
DNGA150412EA	0.15	0.07	1.2	0.1	0.05	0.2
DNGA150412S01030A	0.2	0.07	1.2	0.2	0.05	0.3
DNGA150412S01030AWH	0.2	0.07	1.2	0.32	0.05	0.4
DNGA150412S01520HWH	0.2	0.07	0.6	0.32	0.05	0.4
DNGA150412S01525	0.3	0.1	1.5	0.15	0.05	0.35
DNGA150412S01525H	0.2	0.07	0.6	0.2	0.05	0.3
DNGA150412S01530B	0.2	0.1	0.8	0.2	0.05	0.3
DNGA150412S02030H	0.2	0.07	0.6	0.2	0.05	0.3
DNGA150412S02035A	0.2	0.07	1.2	0.2	0.05	0.3
DNGA150412T01020	1.5	0.1	4.5	0.14	0.07	0.3
DNGA150412T02520	4.5	0.1	7.5	0.3	0.15	0.54
DNGA150416S01030A	0.6	0.07	1.6	0.5	0.05	0.7
DNGA150416S01525H	0.2	0.07	0.8	0.3	0.05	0.5
DNGA150416T01020	1.5	0.1	4.5	0.19	0.07	0.3
DNGA150604S01525	0.1	0.1	0.5	0.1	0.05	0.2
DNGA150608S01525	0.2	0.1	1	0.1	0.05	0.3
DNGA150608T01525	0.2	0.1	1	0.1	0.05	0.3
DNGA150612S01525	0.3	0.1	1.5	0.15	0.05	0.35
DNGG150401-SGF	0.1	0.05	3	0.03	0.01	0.08
DNGG150402-SGF	0.2	0.08	3	0.04	0.02	0.1

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
DNGG150404-SGF	0.3	0.1	3	0.12	0.05	0.2
DNGG150408-SGF	0.5	0.2	3	0.15	0.1	0.25
DNGG150412-SGF	0.8	0.3	3	0.18	0.1	0.3
DNGG150604-SGF	0.3	0.1	3	0.12	0.05	0.2
DNGG150608-SGF	0.5	0.2	3	0.15	0.1	0.25
DNGG150612-SGF	0.8	0.3	3	0.18	0.1	0.3
DNGQ150708T02520	4.5	0.1	7.5	0.2	0.15	0.36
DNGQ150712T02520	4.5	0.1	7.5	0.3	0.15	0.54
DNGQ150716T02520	4.5	0.1	7.5	0.4	0.15	0.6
DNMA150408-KR	3	0.2	6	0.35	0.15	0.6
DNMA150412-KR	3	0.3	6	0.45	0.2	0.8
DNMA150608-KR	3	0.2	6	0.35	0.15	0.6
DNMA150612-KR	3	0.3	6	0.45	0.2	0.8
DNMA150616-KR	3	0.3	6	0.55	0.2	1
DNMG110404-KF	0.5	0.15	2	0.15	0.08	0.25
DNMG110404-MF	0.4	0.1	1.5	0.15	0.05	0.3
DNMG110404-PF	0.4	0.25	1.5	0.15	0.07	0.3
DNMG110404-PM	2	0.4	5	0.2	0.1	0.3
DNMG110404-QM	3	1	5.5	0.25	0.18	0.3
DNMG110404-SF	0.4	0.15	1.5	0.12	0.08	0.22
DNMG110404-SM	1	0.4	4	0.15	0.1	0.3
DNMG110408-KF	0.5	0.15	2	0.2	0.1	0.3
DNMG110408-KM	2	0.2	3.5	0.35	0.15	0.5
DNMG110408-MF	0.4	0.1	1.5	0.2	0.1	0.4
DNMG110408-MM	2	0.5	4.4	0.25	0.1	0.45
DNMG110408-PF	0.4	0.3	1.5	0.2	0.1	0.4
DNMG110408-PM	2	0.5	5	0.3	0.15	0.5
DNMG110408-QM	3	1	5.5	0.35	0.2	0.5
DNMG110408-SF	0.5	0.2	1.5	0.15	0.1	0.25
DNMG110412-KM	2	0.3	3.5	0.4	0.15	0.6
DNMG110412-MM	2	0.5	4.4	0.3	0.1	0.6
DNMG110412-PF	0.8	0.35	1.5	0.25	0.15	0.5
DNMG110412-PM	2	0.8	5	0.35	0.18	0.5
DNMG110412-QM	3	1	5.5	0.35	0.25	0.6
DNMG150404-KF	0.5	0.15	2	0.15	0.08	0.25
DNMG150404L-K	2.5	0.7	5	0.22	0.14	0.3
DNMG150404-MF	0.4	0.1	1.5	0.15	0.05	0.3
DNMG150404-PM	3	0.4	6	0.2	0.1	0.3
DNMG150404-QM	3	1	7.5	0.25	0.18	0.3
DNMG150404R-K	2.5	0.7	5	0.22	0.14	0.3
DNMG150404-SF	0.4	0.15	1.5	0.12	0.08	0.22
DNMG150404-SM	1.5	0.15	2	0.2	0.1	0.25
DNMG150404-XF	0.75	0.15	4	0.15	0.05	0.2
DNMG150404-XM	2.5	0.3	5	0.18	0.08	0.25
DNMG150408-KF	0.5	0.15	2	0.2	0.1	0.3
DNMG150408-KM	2.5	0.2	5	0.35	0.15	0.5
DNMG150408-KR	3.5	0.38	7	0.34	0.17	0.47
DNMG150408-MF	0.4	0.1	1.5	0.2	0.1	0.4
DNMG150408-MR	3	2	6	0.3	0.15	0.55
DNMG150408-PF	0.4	0.3	1.5	0.2	0.1	0.4
DNMG150408-PM	3	0.5	6	0.3	0.15	0.5
DNMG150408-PR	4	0.7	6	0.35	0.2	0.5
DNMG150408-QM	3	1	7.5	0.35	0.2	0.5
DNMG150408R-K	3	0.8	5	0.3	0.14	0.5
DNMG150408-SF	0.5	0.2	1.5	0.15	0.1	0.25
DNMG150408-SM	2	0.2	2.5	0.22	0.1	0.28
DNMG150408-SMR	1.5	0.15	2.5	0.2	0.1	0.25
DNMG150408-XF	1	0.2	4	0.2	0.05	0.25
DNMG150408-XM	2.5	0.5	5	0.25	0.1	0.4
DNMG150412-KM	2.5	0.3	5	0.4	0.15	0.6
DNMG150412-KR	3.5	0.5	7	0.45	0.23	0.63
DNMG150412-MF	0.8	0.2	2.5	0.25	0.15	0.5
DNMG150412-MR	3	2	6	0.35	0.15	0.6
DNMG150412-PF	0.8	0.35	1.5	0.25	0.15	0.5
DNMG150412-PM	3	0.8	6	0.35	0.18	0.6
DNMG150412-PR	4	1	6	0.4	0.25	0.7
DNMG150412-QM	3	1	7.5	0.35	0.25	0.6
DNMG150412-SM	2	0.3	3	0.25	0.12	0.3
DNMG150412-SMR	2	0.2	3	0.22	0.1	0.3
DNMG150416-MR	3	2	6	0.4	0.15	0.7
DNMG150416-PR	4	1.5	6	0.5	0.3	0.75
DNMG150604-KF	0.5	0.15	2	0.15	0.08	0.25
DNMG150604L-K	2.5	0.7	5	0.22	0.14	0.3

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
DNMG150604-MF	0.4	0.1	1.5	0.15	0.05	0.3
DNMG150604-PF	0.4	0.25	1.5	0.15	0.07	0.3
DNMG150604-PM	3	0.4	6	0.2	0.1	0.3
DNMG150604-QM	3	1	7.5	0.25	0.18	0.3
DNMG150604R-K	2.5	0.7	5	0.22	0.14	0.3
DNMG150604-SF	0.4	0.15	1.5	0.12	0.08	0.22
DNMG150604-SM	1.5	0.15	2	0.2	0.1	0.25
DNMG150604-XF	0.75	0.15	4	0.15	0.05	0.2
DNMG150604-XM	2.5	0.5	5	0.25	0.1	0.35
DNMG150608-KF	0.5	0.15	2	0.2	0.1	0.3
DNMG150608-KM	2.5	0.2	5	0.35	0.15	0.5
DNMG150608-KR	3.5	0.38	7	0.34	0.17	0.47
DNMG150608L-K	3	0.8	5	0.3	0.14	0.5
DNMG150608-MF	0.4	0.1	1.5	0.2	0.1	0.4
DNMG150608-MM	3	0.5	6.4	0.25	0.1	0.45
DNMG150608-MR	3	2	6	0.3	0.15	0.55
DNMG150608-PF	0.4	0.3	1.5	0.2	0.1	0.4
DNMG150608-PM	3	0.5	6	0.3	0.15	0.5
DNMG150608-PR	4	0.7	6	0.35	0.2	0.5
DNMG150608-QM	3	1	7.5	0.35	0.2	0.5
DNMG150608R-K	3	0.8	5	0.3	0.14	0.5
DNMG150608-SF	0.5	0.2	1.5	0.15	0.1	0.25
DNMG150608-SM	2	0.2	2.5	0.22	0.1	0.28
DNMG150608-SMR	1.5	0.15	2.5	0.2	0.1	0.25
DNMG150608-XF	1	0.2	4	0.2	0.05	0.25
DNMG150608-XM	2.5	0.5	5	0.25	0.1	0.4
DNMG150612-KF	1	0.2	2.5	0.25	0.1	0.35
DNMG150612-KM	2.5	0.3	5	0.4	0.15	0.6
DNMG150612-KR	3.5	0.5	7	0.45	0.23	0.63
DNMG150612-MF	0.8	0.2	2.5	0.25	0.15	0.5
DNMG150612-MM	3	0.5	6.4	0.3	0.1	0.6
DNMG150612-MR	3	2	6	0.35	0.15	0.6
DNMG150612-PF	0.8	0.35	1.5	0.25	0.15	0.5
DNMG150612-PM	3	0.8	6	0.35	0.18	0.6
DNMG150612-PR	4	1	6	0.4	0.25	0.7
DNMG150612-QM	3	1	7.5	0.35	0.25	0.6
DNMG150612-SF	0.8	0.4	2	0.17	0.12	0.3
DNMG150612-SM	2	0.3	3	0.25	0.12	0.3
DNMG150612-SMR	2	0.2	3	0.22	0.1	0.3
DNMG150612-XM	3	0.7	5	0.28	0.15	0.45
DNMG150612-XMR	3	0.75	6	0.3	0.18	0.5
DNMG150616-KR	3.5	0.75	7	0.5	0.25	0.69
DNMG150616-MR	3	2	6	0.4	0.15	0.7
DNMG150616-PM	3	1	6	0.4	0.23	0.65
DNMG150616-PR	4	1.5	6	0.5	0.32	0.75
DNMG150616-QM	3	1	7.5	0.4	0.3	0.65
DNMG150616-SMR	2	0.3	3	0.25	0.12	0.3
DNMG190608-PR	5	1	8	0.35	0.2	0.5
DNMG190612-PR	5	1.2	8	0.4	0.25	0.7
DNMM150608-MR	3	0.7	6	0.35	0.2	0.55
DNMM150608-PR	5	0.7	6	0.4	0.2	0.55
DNMM150612-MR	3	1	6	0.4	0.25	0.7
DNMM150612-PR	5	1	6	0.5	0.25	0.7
DNMM150616-PR	5	1.5	6	0.55	0.32	0.9
DNMX110404-WF	1	0.2	1.5	0.2	0.08	0.3
DNMX110408-WF	1	0.2	3	0.3	0.1	0.4
DNMX110408-WM	1.5	0.5	3.5	0.35	0.15	0.5
DNMX110412-WM	2	0.5	4	0.45	0.15	0.6
DNMX150408-WM	2	0.5	4.5	0.35	0.15	0.5
DNMX150408-WMX	3	0.5	5	0.45	0.15	0.7
DNMX150412-WM	2.5	0.5	5	0.45	0.15	0.6
DNMX150412-WMX	3.5	0.8	6	0.5	0.2	0.75
DNMX150416-WM	3.5	0.5	6	0.6	0.2	0.8
DNMX150416-WMX	3.5	0.5	6	0.5	0.2	0.8
DNMX150604-WF	0.8	0.2	3	0.2	0.08	0.3
DNMX150608-WF	1.5	0.2	3	0.3	0.1	0.4
DNMX150608-WMX	3	0.5	5	0.45	0.15	0.7
DNMX150612-WF	1.5	0.4	3.5	0.4	0.15	0.55
DNMX150612-WM	2.5	0.5	5	0.45	0.15	0.6
DNMX150612-WMX	3.5	0.8	6	0.5	0.2	0.75
DNMX150616-WM	3.5	0.5	6	0.6	0.2	0.8
DNMX150616-WMX	3.5	0.5	6	0.5	0.2	0.8
RCMX100300	2.5	1	4	0.16	0.06	0.32

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
RCMX100300E	2.5	1	4	0.16	0.06	0.32
RCMX120400	3	1.2	4.8	0.19	0.08	0.38
RCMX120400E	3	1.2	4.8	0.19	0.08	0.38
RCMX160600	4	1.6	6.4	0.25	0.1	0.51
RCMX200600	5	2	8	0.32	0.13	0.63
RNGA120400T01020	1.8	0.1	3.6	0.15	0.1	0.3
RNMG090300	2.25	0.9	4.5	0.14	0.06	0.28
RNMG090300	2.25	0.9	4.5	0.14	0.06	0.28
RNMG120400	3	1.2	4.8	0.18	0.07	0.37
RNMG120400	3	1.2	4.8	0.18	0.07	0.37
RNMG150600	3.75	1.5	7.5	0.23	0.1	0.46
RNMG190600	4.25	1.9	7.6	0.3	0.12	0.6
RNMG190600	4.25	1.9	7.6	0.3	0.12	0.6
RNMG190600-SM	4	2	8	0.45	0.15	0.5
SNGA090308S01030A	0.2	0.07	0.8	0.16	0.05	0.31
SNGA120408S01030A	0.2	0.07	0.8	0.16	0.05	0.31
SNGA120408S01525	0.2	0.1	1	0.1	0.05	0.31
SNGA120408T01020	1.2	0.1	3.6	0.1	0.07	0.21
SNGA120408T01020B	0.15	0.07	0.8	0.16	0.05	0.31
SNGA120408T01525	0.2	0.1	1	0.1	0.05	0.31
SNGA120408T02520	3	2	4	0.52	0.31	0.58
SNGA120412S01030A	0.2	0.07	1.2	0.21	0.05	0.31
SNGA120412S01525	0.3	0.1	1.5	0.16	0.05	0.36
SNGA120412S01525F	0.2	0.07	0.6	0.21	0.05	0.31
SNGA120412S02035A	0.2	0.07	1.2	0.16	0.05	0.31
SNGA120412S02035B	0.2	0.07	1.2	0.16	0.05	0.31
SNGA120412T01020	1.2	0.1	3.6	0.14	0.07	0.31
SNGA120412T01020B	0.2	0.07	1.2	0.21	0.05	0.41
SNGA120412T02520	3	2	4	0.52	0.31	0.62
SNGA120416T01020	1.2	0.1	3.6	0.2	0.07	0.31
SNGA120416T02520	3	2	4	0.52	0.31	0.62
SNGQ120708T02520	3.6	0.1	6	0.21	0.16	0.37
SNGQ120712T02520	3.6	0.1	6	0.31	0.16	0.56
SNGQ120716T02520	3.6	0.1	6	0.41	0.16	0.62
SNGX120712T02520	3.6	0.1	6	0.31	0.16	0.56
SNGX120716T02520	3.6	0.1	6	0.41	0.16	0.62
SNMA090308-KR	2.5	0.38	4.5	0.39	0.2	0.55
SNMA120408-KR	4	0.2	8	0.36	0.16	0.62
SNMA120412-KR	4	0.3	8	0.47	0.21	0.83
SNMA120416-KR	4	0.3	8	0.57	0.21	1.04
SNMA150612-KR	5	0.3	10	0.47	0.21	0.83
SNMA150616-KR	5	0.3	10	0.57	0.21	1.04
SNMA190608-KR	6	0.2	12	0.36	0.16	0.62
SNMA190612-KR	6	0.3	12	0.47	0.21	0.83
SNMA190616-KR	6	0.3	12	0.57	0.21	1.04
SNMG090304-PM	2	0.4	4.5	0.21	0.1	0.31
SNMG090304-QM	3	1	4.5	0.26	0.19	0.31
SNMG090308-KM	2.5	0.2	4.5	0.36	0.16	0.52
SNMG090308-PM	2	0.5	4.5	0.31	0.16	0.52
SNMG090308-QM	3	1	4.5	0.36	0.21	0.52
SNMG120404-MF	0.4	0.1	1.5	0.16	0.05	0.31
SNMG120404-PM	3	0.4	6	0.21	0.1	0.31
SNMG120404-QM	3	1	6	0.26	0.19	0.31
SNMG120404-SM	1.5	0.4	4	0.26	0.16	0.41
SNMG120408-KM	3	0.2	6	0.36	0.16	0.52
SNMG120408-KR	3.5	0.38	7	0.39	0.2	0.55
SNMG120408-MF	0.4	0.1	1.5	0.21	0.1	0.41
SNMG120408-MM	3	0.5	6.35	0.26	0.1	0.47
SNMG120408-MR	3	2	7.6	0.31	0.16	0.57
SNMG120408-PF	0.4	0.3	1.5	0.21	0.1	0.41
SNMG120408-PM	3	0.5	6	0.31	0.16	0.52
SNMG120408-PR	4	0.7	7	0.36	0.21	0.52
SNMG120408-QM	3	1	6	0.36	0.21	0.52
SNMG120408-SM	2	0.5	5	0.23	0.16	0.41
SNMG120408-SMR	2	0.5	5	0.26	0.16	0.41
SNMG120408-XM	3	0.5	6	0.31	0.12	0.52
SNMG120408-XMR	3	0.5	6	0.36	0.16	0.57
SNMG120412-KM	3	0.3	6	0.41	0.16	0.62
SNMG120412-KR	3.5	0.5	7	0.52	0.29	0.72
SNMG120412-MM	3	0.5	6.35	0.31	0.1	0.62
SNMG120412-MR	3	2	7.6	0.36	0.16	0.62
SNMG120412-PF	0.8	0.35	1.5	0.26	0.16	0.52
SNMG120412-PM	3	0.8	6	0.36	0.19	0.62

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
SNMG120412-PR	4	1	7	0.41	0.26	0.72
SNMG120412-QM	3	1	6	0.36	0.26	0.62
SNMG120412-SM	2	0.5	5	0.29	0.19	0.47
SNMG120412-SMR	2	0.5	5	0.31	0.19	0.47
SNMG120412-XMR	3	0.75	6	0.36	0.19	0.62
SNMG120416-KM	3	0.3	6	0.47	0.21	0.72
SNMG120416-KR	3.5	0.75	7	0.57	0.29	0.8
SNMG120416-MM	3	0.5	6.35	0.38	0.1	0.67
SNMG120416-PM	3	1	6	0.41	0.24	0.67
SNMG120416-PR	4	1.5	7	0.52	0.33	0.78
SNMG120416-QM	3	1	6	0.41	0.31	0.67
SNMG120416-SM	2	0.5	5	0.34	0.19	0.52
SNMG120416-SMR	2	0.5	5	0.36	0.19	0.52
SNMG150608-PR	5	1.5	8	0.36	0.21	0.52
SNMG150608-QM	3	1	8	0.36	0.21	0.52
SNMG150608-SM	3	0.5	8	0.31	0.18	0.52
SNMG150612-KM	4	0.3	8	0.41	0.16	0.62
SNMG150612-KR	4.4	0.63	8.8	0.57	0.29	0.8
SNMG150612-MM	4	0.5	8	0.31	0.1	0.62
SNMG150612-MR	4	2	9.6	0.36	0.16	0.62
SNMG150612-PM	4	0.8	7.5	0.36	0.19	0.62
SNMG150612-PR	5	1	8	0.41	0.26	0.72
SNMG150612-QM	3	1	8	0.36	0.26	0.62
SNMG150612-SM	5	1	8	0.31	0.21	0.41
SNMG150616-KM	4	0.3	8	0.47	0.21	0.72
SNMG150616-KR	4.4	0.94	8.8	0.63	0.31	0.88
SNMG150616-MM	4	0.5	8	0.38	0.1	0.67
SNMG150616-MR	4	2	9.6	0.41	0.16	0.72
SNMG150616-PM	4	1	7.5	0.41	0.24	0.67
SNMG150616-PR	5	1.5	8	0.52	0.31	0.83
SNMG150616-QM	5	1.5	8	0.52	0.31	0.83
SNMG150616-SM	5	1	8	0.36	0.26	0.47
SNMG150616-SMR	5	1	8	0.52	0.31	0.72
SNMG150624-PR	5	2	8	0.52	0.33	0.93
SNMG190608-PR	5	0.7	10	0.36	0.21	0.52
SNMG190608-QM	5	0.7	10	0.36	0.21	0.52
SNMG190612-KM	4.5	0.3	9	0.41	0.16	0.62
SNMG190612-MM	4	0.5	9.5	0.31	0.1	0.62
SNMG190612-MR	4	2	11.4	0.36	0.16	0.62
SNMG190612-PR	5	1	10	0.41	0.26	0.72
SNMG190612-QM	5	1	10	0.41	0.26	0.72
SNMG190612-SM	2	0.5	9	0.31	0.21	0.52
SNMG190612-SMR	6	1	9	0.36	0.26	0.43
SNMG190616-KM	4.5	0.3	9	0.47	0.21	0.72
SNMG190616-KR	6.1	1.31	12.3	0.63	0.31	0.88
SNMG190616-MM	4	0.5	9.5	0.38	0.1	0.67
SNMG190616-MR	4	2	11.4	0.41	0.16	0.72
SNMG190616-PR	5	1.5	10	0.52	0.31	0.83
SNMG190616-QM	3	1	8	0.41	0.31	0.67
SNMG190616-SM	7	2	10	0.36	0.26	0.47
SNMG190616-SMR	7	1	10	0.52	0.31	0.72
SNMG190624-MR	4	2	11.4	0.52	0.16	1.04
SNMG190624-PR	5	2	10	0.52	0.33	0.93
SNMM120408-MR	3	0.7	7.5	0.36	0.21	0.57
SNMM120408-PR	5	0.7	7.5	0.41	0.21	0.57
SNMM120412-MR	3	1	7.5	0.41	0.26	0.72
SNMM120412-PR	5	1	7.5	0.52	0.26	0.72
SNMM120416-MR	3	1.5	7.5	0.52	0.33	0.93
SNMM150612-MR	4	1	9	0.41	0.26	0.72
SNMM150612-PR	6	1	9	0.52	0.26	0.72
SNMM150616-MR	4	1.5	9	0.52	0.33	0.93
SNMM150616-PR	6	1.5	9	0.57	0.33	0.93
SNMM190612-MR	7	1.5	12	0.52	0.33	0.72
SNMM190612-PR	6	1	12	0.52	0.26	0.72
SNMM190616-MR	7	1.8	12	0.57	0.36	0.93
SNMM190616-PR	6	1.5	12	0.57	0.33	0.93
SNMM190624-MR	7	2.5	12	0.62	0.41	1.24
SNMM190624-PR	6	2	12	0.57	0.36	1.24
SNMM190632-MR	4	3.5	12	0.52	0.41	1.24
TNGA110304S01030A	0.1	0.07	0.4	0.1	0.05	0.2
TNGA110304T01020B	0.1	0.07	0.4	0.1	0.05	0.2
TNGA110308S01030A	0.2	0.07	0.8	0.15	0.05	0.3
TNGA110308T01020B	0.15	0.07	0.8	0.15	0.05	0.3

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
TNGA160404S01030A	0.1	0.07	0.4	0.1	0.05	0.2
TNGA160404S01525	0.1	0.1	0.5	0.1	0.05	0.2
TNGA160404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
TNGA160404T01020B	0.1	0.07	0.4	0.1	0.05	0.2
TNGA160408S01030A	0.2	0.07	0.8	0.15	0.05	0.3
TNGA160408S01525	0.2	0.1	1	0.1	0.05	0.2
TNGA160408S01530B	0.2	0.1	1	0.15	0.05	0.3
TNGA160408S02035A	0.2	0.07	0.8	0.15	0.05	0.3
TNGA160408S02035B	0.2	0.07	0.8	0.15	0.05	0.3
TNGA160408T01020	1.6	0.1	4.8	0.1	0.07	0.2
TNGA160408T01020B	0.15	0.07	0.8	0.15	0.05	0.3
TNGA160408T01525	0.2	0.1	1	0.1	0.05	0.3
TNGA160408T02520	3	2	4	0.5	0.3	0.56
TNGA160412S01030A	0.2	0.07	1.2	0.2	0.05	0.3
TNGA160412S01525	0.3	0.1	1.5	0.15	0.05	0.35
TNGA160412S01525H	0.2	0.07	0.6	0.21	0.05	0.31
TNGA160412S02035A	0.2	0.07	1.2	0.15	0.05	0.3
TNGA160412T01020	1.6	0.1	4.8	0.14	0.07	0.3
TNGA160412T01020B	0.2	0.07	0.6	0.2	0.05	0.4
TNGA160412T02520	3	2	4	0.5	0.3	0.6
TNGA220408T01020	2.2	0.1	6.6	0.1	0.07	0.2
TNGA220412T01020	2.2	0.1	6.6	0.14	0.07	0.3
TNGA220416T01020	2.2	0.1	6.6	0.19	0.07	0.3
TNMA160404-KR	2.5	0.2	5	0.2	0.1	0.3
TNMA160408-KR	3.5	0.2	7	0.35	0.15	0.6
TNMA160412-KR	3.5	0.3	7	0.45	0.2	0.8
TNMA160416-KR	3.5	0.3	7	0.55	0.2	1
TNMA220404-KR	2.5	0.2	10	0.2	0.1	0.3
TNMA220408-KR	5	0.2	10	0.35	0.15	0.6
TNMA220412-KR	5	0.3	10	0.45	0.2	0.8
TNMA220416-KR	5	0.3	10	0.55	0.2	1
TNMA220432-KR	5	0.5	10	0.6	0.5	1.19
TNMG160404-KF	0.5	0.15	2	0.15	0.08	0.25
TNMG160404L-K	2.5	0.7	5	0.22	0.14	0.3
TNMG160404-MF	0.4	0.1	1.5	0.15	0.05	0.3
TNMG160404-PF	0.4	0.25	1.5	0.15	0.07	0.3
TNMG160404-PM	3	0.4	5	0.2	0.1	0.3
TNMG160404-QM	2	0.4	4	0.25	0.18	0.3
TNMG160404R-K	2.5	0.7	5	0.22	0.14	0.3
TNMG160404-SF	0.4	0.15	1.5	0.12	0.08	0.22
TNMG160404-SM	1	0.4	4	0.15	0.1	0.3
TNMG160404-XF	0.75	0.15	4	0.15	0.05	0.2
TNMG160404-XM	2.5	0.3	5	0.18	0.08	0.3
TNMG160408-KF	0.5	0.15	2	0.2	0.1	0.3
TNMG160408-KM	3	0.2	5.5	0.35	0.15	0.5
TNMG160408-KR	3.2	0.34	6.2	0.3	0.17	0.42
TNMG160408L-K	3	0.8	5	0.3	0.14	0.5
TNMG160408-MF	0.4	0.1	1.5	0.2	0.1	0.4
TNMG160408-MM	3	0.5	4.8	0.25	0.1	0.45
TNMG160408-MR	3	2	5.6	0.3	0.15	0.55
TNMG160408-PF	0.4	0.3	1.5	0.2	0.1	0.4
TNMG160408-PM	3	0.5	5	0.3	0.15	0.5
TNMG160408-PR	3	0.7	6	0.35	0.2	0.55
TNMG160408-QM	3	1	5.6	0.35	0.2	0.5
TNMG160408R-K	3	0.8	5	0.3	0.14	0.5
TNMG160408-SF	0.5	0.2	1.5	0.15	0.1	0.25
TNMG160408-SM	2	0.2	3	0.22	0.1	0.28
TNMG160408-XF	1	0.2	4	0.2	0.05	0.25
TNMG160408-XM	2.5	0.5	5	0.25	0.1	0.4
TNMG160408-XMR	3	0.5	5	0.27	0.15	0.45
TNMG160412-KM	3	0.3	5.5	0.4	0.15	0.6
TNMG160412-KR	3.2	0.45	6.3	0.4	0.2	0.56
TNMG160412-MM	3	0.5	4.8	0.3	0.1	0.6
TNMG160412-MR	3	2	5.6	0.35	0.15	0.6
TNMG160412-PF	0.8	0.35	1.5	0.25	0.15	0.5
TNMG160412-PM	3	0.8	5	0.35	0.18	0.6
TNMG160412-PR	3	1	6	0.4	0.25	0.65
TNMG160412-QM	3	1	5.6	0.35	0.25	0.6
TNMG160412-SF	0.8	0.4	2	0.17	0.12	0.3
TNMG160412-SM	2	0.3	3	0.25	0.12	0.3
TNMG160412-XM	3	0.7	5	0.3	0.15	0.45
TNMG160412-XMR	3	0.75	5	0.3	0.18	0.48
TNMG160416-KR	3.2	0.68	6.2	0.44	0.22	0.62

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
TNMG220404-PM	4	0.4	6.6	0.2	0.1	0.3
TNMG220404-QM	3	1	7.7	0.25	0.18	0.3
TNMG220408-KM	4	0.2	8	0.35	0.15	0.5
TNMG220408-KR	3.5	0.38	7	0.38	0.19	0.53
TNMG220408-MR	4	2	7.7	0.3	0.15	0.55
TNMG220408-PF	0.4	0.3	1.5	0.2	0.1	0.4
TNMG220408-PM	4	0.5	6.6	0.3	0.15	0.5
TNMG220408-PR	4	0.7	7	0.35	0.2	0.55
TNMG220408-QM	3	1	7.7	0.35	0.2	0.5
TNMG220408-SM	2	0.2	4	0.22	0.1	0.28
TNMG220412-KM	4	0.3	8	0.4	0.15	0.6
TNMG220412-KR	3.5	0.5	7	0.5	0.25	0.7
TNMG220412-MM	4	0.5	6.6	0.3	0.1	0.6
TNMG220412-MR	4	2	7.7	0.35	0.15	0.6
TNMG220412-PF	0.8	0.35	1.5	0.25	0.15	0.5
TNMG220412-PM	4	0.8	6.6	0.35	0.18	0.6
TNMG220412-PR	4	1	7	0.4	0.25	0.65
TNMG220412-QM	3	1	7.7	0.35	0.25	0.6
TNMG220412-SM	2	0.3	4	0.25	0.12	0.3
TNMG220416-KM	4	0.3	8	0.45	0.2	0.7
TNMG220416-MM	4	0.5	6.6	0.37	0.1	0.65
TNMG220416-MR	4	2	7.7	0.4	0.15	0.7
TNMG220416-PM	4	1	6.6	0.4	0.23	0.65
TNMG220416-PR	4	1.5	7	0.5	0.32	0.75
TNMG220416-QM	3	1	7.7	0.4	0.3	0.65
TNMM160408-MR	3	0.7	7.5	0.35	0.2	0.55
TNMM160408-PR	4	0.7	6	0.4	0.2	0.55
TNMM160412-PR	4	1	6	0.5	0.25	0.7
TNMM220408-MR	3	0.7	8	0.35	0.2	0.55
TNMM220408-PR	5	0.7	8	0.4	0.2	0.55
TNMM220412-MR	3	1	8	0.4	0.25	0.7
TNMM220412-PR	5	1	8	0.5	0.25	0.7
TNMM220416-MR	3	1.5	8	0.5	0.32	0.9
TNMM220416-PR	5	1.5	8	0.55	0.32	0.9
TNMX160404-WF	1	0.2	3	0.2	0.08	0.3
TNMX160408-WF	1.5	0.2	3	0.3	0.1	0.4
TNMX160408-WMX	3	0.5	5	0.45	0.15	0.7
TNMX160412-WM	2.5	0.5	5	0.4	0.15	0.6
TNMX160412-WMX	3.5	0.8	6	0.5	0.2	0.75
WNGA060404S01030A	0.1	0.07	0.4	0.1	0.05	0.2
WNGA060404S01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
WNGA060404S01520HWH	0.1	0.07	0.2	0.18	0.05	0.25
WNGA060404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
WNGA060404T01020B	0.1	0.07	0.4	0.1	0.05	0.2
WNGA060404T01020BWG	0.1	0.07	0.4	0.18	0.05	0.25
WNGA060404T01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
WNGA060408S01030A	0.2	0.07	0.8	0.15	0.05	0.3
WNGA060408S01030AWH	0.1	0.05	0.3	0.28	0.05	0.35
WNGA060408S01520HWH	0.1	0.07	0.2	0.28	0.05	0.35
WNGA060408S01525H	0.2	0.07	0.4	0.15	0.05	0.3
WNGA060408T01020B	0.15	0.07	0.8	0.15	0.05	0.3
WNGA060408T01020BWG	0.1	0.07	0.8	0.28	0.05	0.35
WNGA060408T01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
WNGA080404S01030A	0.1	0.05	0.4	0.1	0.05	0.2
WNGA080404S01030AWH	0.1	0.05	0.3	0.18	0.05	0.25
WNGA080404S01520HWH	0.1	0.07	0.2	0.18	0.05	0.25
WNGA080404S01525	0.1	0.1	0.5	0.1	0.05	0.2
WNGA080404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
WNGA080404S01525WH	0.2	0.1	0.5	0.1	0.05	0.3
WNGA080404T01020B	0.1	0.07	0.4	0.1	0.05	0.2
WNGA080404T01020BWG	0.1	0.07	0.4	0.18	0.05	0.25
WNGA080404T01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
WNGA080408S01030A	0.2	0.1	0.75	0.15	0.05	0.3
WNGA080408S01030AWH	0.1	0.05	0.5	0.28	0.05	0.35
WNGA080408S01520HWH	0.1	0.07	0.4	0.28	0.05	0.35
WNGA080408S01525	0.2	0.1	1	0.1	0.05	0.3
WNGA080408S01525H	0.2	0.07	0.4	0.15	0.05	0.3
WNGA080408S01525WH	0.2	0.1	1	0.15	0.05	0.35
WNGA080408S02035A	0.2	0.07	0.8	0.15	0.05	0.3
WNGA080408T01020B	0.15	0.07	0.8	0.15	0.05	0.3
WNGA080408T01020BWG	0.1	0.07	0.8	0.28	0.05	0.35
WNGA080408T01020WG	3.6	0.1	6	0.25	0.15	0.36
WNGA080408T01030AWH	0.1	0.07	0.8	0.28	0.05	0.35

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
WNGA080408T01525	0.2	0.1	1	0.1	0.05	0.3
WNGA080408T01525WH	0.2	0.1	1	0.15	0.05	0.35
WNGA080408T02520	3	0.1	5	0.2	0.15	0.36
WNGA080412S01030A	0.2	0.05	0.9	0.2	0.05	0.3
WNGA080412S01030AWH	0.2	0.05	0.5	0.32	0.05	0.4
WNGA080412S01520HWH	0.2	0.07	0.6	0.32	0.05	0.4
WNGA080412S01525H	0.2	0.07	0.6	0.2	0.05	0.3
WNGA080412T01020B	0.2	0.07	1.2	0.2	0.05	0.4
WNGA080412T01020WG	3.6	0.1	6	0.45	0.15	0.54
WNGA080412T01030AWH	0.2	0.07	1.2	0.32	0.05	0.4
WNGA080412T02520	3	0.1	5	0.3	0.15	0.54
WNGA080416T02520	3	0.1	5	0.4	0.15	0.6
VNGA160404S01020A	0.1	0.07	0.4	0.1	0.05	0.2
VNGA160404S01030A	0.1	0.07	0.4	0.2	0.05	0.3
VNGA160404S01525	0.1	0.1	0.5	0.1	0.05	0.2
VNGA160404S01525H	0.1	0.07	0.2	0.2	0.05	0.3
VNGA160408S01020A	0.1	0.07	0.8	0.15	0.05	0.3
VNGA160408S01030A	0.1	0.07	0.8	0.15	0.05	0.3
VNGA160408S01525	0.2	0.1	1	0.1	0.05	0.3
VNGA160408S01525H	0.1	0.07	0.4	0.15	0.05	0.3
VNGA160408S02035A	0.2	0.07	0.8	0.15	0.05	0.3
VNGA160408T01525	0.2	0.1	1	0.1	0.05	0.3
VNGA160412S01525	0.3	0.1	1.5	0.15	0.05	0.35
WNGG080401-SGF	0.1	0.05	3	0.03	0.01	0.08
WNGG080402-SGF	0.2	0.08	3	0.04	0.02	0.1
WNGG080404-SGF	0.3	0.1	3	0.12	0.05	0.25
WNGG080408-SGF	0.5	0.2	3	0.15	0.1	0.3
WNGG080412-SGF	0.8	0.3	3	0.18	0.1	0.3
VNGG160401-SGF	0.1	0.05	3	0.03	0.01	0.08
VNGG160402-SGF	0.2	0.08	3	0.04	0.02	0.1
VNGG160404-SGF	0.3	0.1	3	0.12	0.05	0.15
VNGG160408-SGF	0.5	0.2	3	0.15	0.07	0.2
VNGG160412-SGF	0.8	0.3	3	0.18	0.1	0.25
WNMA060408-KR	2.5	0.2	4	0.35	0.15	0.6
WNMA060412-KR	2.5	0.3	4	0.45	0.2	0.8
WNMA080408-KR	3	0.2	5	0.35	0.15	0.6
WNMA080412-KR	3	0.3	5	0.45	0.2	0.8
WNMA080416-KR	3	0.3	5	0.55	0.2	1
WNMG060404-KF	0.5	0.15	2	0.15	0.08	0.25
WNMG060404-MF	0.4	0.1	1.5	0.15	0.05	0.3
WNMG060404-PF	0.4	0.25	1.5	0.15	0.07	0.3
WNMG060404-SM	1	0.2	2.5	0.18	0.1	0.25
WNMG060404-WF	0.4	0.25	2	0.15	0.05	0.25
WNMG060404-XF	0.75	0.15	3	0.15	0.05	0.2
WNMG060408-KF	0.5	0.15	2	0.2	0.1	0.3
WNMG060408-KM	2	0.2	4	0.35	0.15	0.5
WNMG060408-KR	2.2	0.24	4.5	0.3	0.17	0.42
WNMG060408-MF	0.4	0.1	1.5	0.2	0.1	0.4
WNMG060408-MM	2	0.5	3	0.25	0.1	0.45
WNMG060408-MR	2	1.5	3	0.3	0.15	0.55
WNMG060408-PF	0.4	0.3	1.5	0.2	0.1	0.4
WNMG060408-PM	2	0.5	3	0.3	0.15	0.5
WNMG060408-PR	3	0.7	3.5	0.3	0.2	0.45
WNMG060408-QM	3	1	3	0.35	0.2	0.5
WNMG060408-SM	1.5	0.2	2.5	0.2	0.1	0.3
WNMG060408-WF	1	0.25	3	0.3	0.1	0.5
WNMG060408-WM	1.5	0.5	3.5	0.3	0.15	0.6
WNMG060408-WMX	3	0.5	5	0.45	0.15	0.7
WNMG060408-XF	1	0.2	3	0.2	0.05	0.25
WNMG060408-XM	2.5	0.5	4	0.25	0.1	0.35
WNMG060412-KM	2	0.3	4	0.4	0.15	0.6
WNMG060412-KR	2.2	0.32	4.5	0.4	0.2	0.56
WNMG060412-MM	2	0.5	3	0.3	0.1	0.6
WNMG060412-MR	2	1.5	3	0.35	0.15	0.6
WNMG060412-PF	0.8	0.4	1.5	0.25	0.15	0.5
WNMG060412-PM	2	0.8	3	0.35	0.18	0.6
WNMG060412-PR	3	0.8	3.5	0.35	0.25	0.55
WNMG060412-QM	3	1	3	0.35	0.25	0.6
WNMG060412-WM	1.5	0.8	3.5	0.5	0.2	0.9
WNMG060412-WMX	3.5	0.8	6	0.5	0.2	0.75
WNMG080404-KF	0.5	0.15	2	0.15	0.08	0.25
WNMG080404-MF	0.4	0.1	1.5	0.15	0.05	0.3
WNMG080404-PF	0.4	0.25	1.5	0.15	0.07	0.3

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
WNMG080404-QM	3	1	4	0.2	0.18	0.25
WNMG080404-SF	0.4	0.15	1.5	0.12	0.08	0.22
WNMG080404-SM	1.5	0.15	2.5	0.2	0.1	0.3
WNMG080404-WF	0.4	0.25	3	0.15	0.05	0.25
WNMG080404-XF	0.75	0.15	4	0.15	0.05	0.2
WNMG080408-KF	0.5	0.15	2	0.2	0.1	0.3
WNMG080408-KM	2.5	0.2	5	0.35	0.15	0.5
WNMG080408-KR	2.7	0.29	5.5	0.34	0.17	0.47
WNMG080408-MF	0.4	0.1	1.5	0.2	0.1	0.4
WNMG080408-MM	2.5	0.5	4	0.25	0.1	0.45
WNMG080408-MR	2.5	2	4	0.3	0.15	0.55
WNMG080408-PF	0.4	0.3	1.5	0.2	0.1	0.4
WNMG080408-PM	2.5	0.5	4	0.3	0.15	0.5
WNMG080408-PR	4	0.7	5	0.35	0.2	0.55
WNMG080408-QM	3	1	4	0.35	0.2	0.5
WNMG080408-SF	0.5	0.2	1.5	0.15	0.1	0.25
WNMG080408-SM	2	0.2	3	0.25	0.1	0.35
WNMG080408-SMR	2	0.5	4	0.3	0.1	0.4
WNMG080408-WF	1	0.25	4	0.3	0.1	0.5
WNMG080408-WM	3	0.5	5	0.3	0.15	0.6
WNMG080408-WMX	3	0.5	5	0.45	0.15	0.7
WNMG080408-XF	1	0.2	4	0.2	0.05	0.25
WNMG080408-XM	2.5	0.5	5	0.25	0.1	0.4
WNMG080412-KF	1	0.2	2.5	0.25	0.1	0.35
WNMG080412-KM	2.5	0.3	5	0.4	0.15	0.6
WNMG080412-KR	2.7	0.39	5.5	0.45	0.23	0.63
WNMG080412-MM	2.5	0.5	4	0.3	0.1	0.6
WNMG080412-MR	2.5	2	4	0.35	0.15	0.6
WNMG080412-PF	0.8	0.4	1.5	0.25	0.15	0.5
WNMG080412-PM	2.5	0.8	4	0.35	0.18	0.6
WNMG080412-PR	4	1	5	0.4	0.25	0.7
WNMG080412-QM	3	1	4	0.35	0.25	0.55
WNMG080412-SM	2	0.3	3.5	0.28	0.12	0.38
WNMG080412-SMR	2	0.5	4	0.32	0.12	0.42
WNMG080412-WF	1.5	0.4	4	0.5	0.2	0.6
WNMG080412-WM	3.5	0.8	6	0.5	0.2	0.9
WNMG080412-WMX	3.5	0.8	6	0.5	0.2	0.75
WNMG080412-XM	3	0.7	5	0.3	0.15	0.45
WNMG080412-XMR	3	0.75	5	0.32	0.18	0.48
WNMG080416-KM	2.5	0.3	5	0.45	0.2	0.7
WNMG080416-PM	3	1	4	0.4	0.23	0.65
WNMG080416-PR	4	1.5	5	0.5	0.32	0.75
WNMG080416-QM	4	1.5	5	0.45	0.32	0.6
VNMG160404-MF	0.4	0.1	1.5	0.15	0.05	0.3
VNMG160404-PF	0.4	0.25	1.5	0.15	0.07	0.3
VNMG160404-QM	3	1	4	0.25	0.18	0.3
VNMG160404-SF	0.4	0.15	1.5	0.12	0.08	0.2
VNMG160404-SM	1	0.15	2	0.18	0.05	0.2
VNMG160408-KM	2	0.2	3.5	0.3	0.15	0.4
VNMG160408-MF	0.8	0.2	2.5	0.15	0.08	0.3
VNMG160408-MM	2	0.5	4	0.25	0.1	0.45
VNMG160408-PF	0.4	0.3	1.5	0.2	0.1	0.4
VNMG160408-PM	2	0.5	4	0.3	0.15	0.5
VNMG160408-QM	3	1	4	0.35	0.2	0.5
VNMG160408-SF	0.5	0.2	1.5	0.15	0.1	0.22
VNMG160408-SM	1.5	0.2	2.5	0.2	0.07	0.23
VNMG160412-KM	2	0.3	3.5	0.35	0.15	0.5
VNMG160412-PM	2	0.8	4	0.35	0.18	0.6
VNMG160412-QM	3	1	4	0.35	0.25	0.5
VNMG160412-SF	0.8	0.4	2	0.17	0.12	0.25
VNMG160412-SM	1.5	0.3	3	0.22	0.1	0.25
CNMG190616-XMR	4	1	8.5	0.5	0.25	0.8
SNMG120416-XMR	3.5	1	6	0.41	0.21	0.67

Recommended depth of cut and cutting feed, metric

CoroTurn® 107 insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CCET060201-UM	0.3	0.1	0.7	0.02	0.01	0.04
CCET060202-UM	0.4	0.2	0.7	0.02	0.01	0.06
CCET060204-UM	0.7	0.5	1	0.02	0.01	0.06
CCGT060201-UM	0.3	0.1	0.7	0.02	0.01	0.06
CCGT060202-UM	0.5	0.1	1.05	0.05	0.02	0.08
CCGT060204-UM	1	0.5	1.4	0.14	0.08	0.21
CCGT09T301-UM	0.3	0.1	0.7	0.02	0.01	0.06
CCGT09T302-UM	0.5	0.1	1.05	0.05	0.02	0.08
CCGT09T304-UM	1.25	0.5	2.1	0.11	0.08	0.18
CCGT09T308-UM	1.25	0.5	2.1	0.14	0.12	0.25
CCGW060202S01020F	0.07	0.04	0.1	0.07	0.03	0.1
CCGW060202T01030F	0.07	0.04	0.2	0.07	0.03	0.1
CCGW060204S01020F	0.1	0.07	0.2	0.1	0.05	0.2
CCGW060204S01030F	0.1	0.07	0.4	0.1	0.05	0.2
CCGW060204S01520FWH	0.1	0.07	0.2	0.18	0.05	0.25
CCGW060204T01020F	0.1	0.07	0.4	0.1	0.05	0.2
CCGW060204T01030F	0.1	0.05	0.4	0.1	0.05	0.2
CCGW060204T01030FWH	0.1	0.07	0.4	0.18	0.05	0.25
CCGW060208S01020F	0.2	0.07	0.4	0.15	0.05	0.3
CCGW060208S01030F	0.2	0.07	0.8	0.15	0.05	0.3
CCGW060208S01520FWH	0.2	0.07	0.4	0.28	0.05	0.35
CCGW060208T01030F	0.2	0.07	0.8	0.15	0.05	0.3
CCGW060208T01030FWH	0.2	0.07	0.8	0.28	0.05	0.35
CCGW09T304S01020F	0.1	0.07	0.2	0.1	0.05	0.2
CCGW09T304S01520FWH	0.1	0.07	0.2	0.18	0.05	0.25
CCGW09T304S01530F	0.1	0.05	0.5	0.1	0.05	0.2
CCGW09T304S01530FWH	0.1	0.05	0.3	0.18	0.05	0.25
CCGW09T304S02030F	0.1	0.07	0.2	0.1	0.05	0.2
CCGW09T304T01020F	0.1	0.05	0.5	0.1	0.05	0.2
CCGW09T304T01020FWH	0.1	0.07	0.4	0.18	0.05	0.25
CCGW09T308S01020F	0.2	0.07	0.4	0.15	0.05	0.3
CCGW09T308S01520FWH	0.2	0.07	0.4	0.28	0.05	0.35
CCGW09T308S01530F	0.2	0.07	0.8	0.15	0.05	0.3
CCGW09T308S02030F	0.2	0.07	0.4	0.15	0.05	0.3
CCGW09T308T01020F	0.2	0.07	0.8	0.15	0.05	0.3
CCGW09T308T01020FWH	0.2	0.07	0.8	0.28	0.05	0.35
CCGW09T312S01020F	0.2	0.07	0.6	0.2	0.05	0.3
CCGW09T312S01520FWH	0.2	0.07	0.6	0.32	0.05	0.4
CCGX060202-AL	1	0.3	3	0.12	0.05	0.15
CCGX060204-AL	1	0.3	3	0.12	0.05	0.15
CCGX09T304-AL	1.5	0.5	5	0.2	0.1	0.3
CCGX09T308-AL	1.5	0.5	5	0.3	0.15	0.6
CCGX120404-AL	1.5	0.5	7	0.2	0.1	0.3
CCGX120408-AL	1.5	0.5	7	0.3	0.15	0.6
CCMT060202-KF	0.3	0.06	1.7	0.06	0.03	0.11
CCMT060202-MF	0.3	0.06	1.7	0.06	0.03	0.11
CCMT060202-PF	0.3	0.06	1.7	0.06	0.05	0.11
CCMT060202-UF	0.4	0.1	1.5	0.07	0.05	0.15
CCMT060202-WF	0.3	0.1	1.5	0.1	0.03	0.15
CCMT060204-KF	0.3	0.1	1.7	0.08	0.05	0.17
CCMT060204-KM	0.64	0.2	2.4	0.11	0.06	0.17
CCMT060204-MF	0.3	0.1	1.7	0.08	0.05	0.17
CCMT060204-MM	0.64	0.2	2.4	0.11	0.06	0.17
CCMT060204-PF	0.3	0.1	1.7	0.08	0.05	0.17
CCMT060204-PM	0.64	0.2	2.4	0.11	0.06	0.17
CCMT060204-UF	0.4	0.2	1.5	0.1	0.05	0.2
CCMT060204-UM	1	0.5	2.5	0.2	0.08	0.3
CCMT060204-UR	1.5	1	2.5	0.25	0.15	0.3
CCMT060204-WF	0.8	0.3	2	0.12	0.05	0.3
CCMT060208-KM	0.64	0.4	2.4	0.15	0.08	0.23
CCMT060208-KR	1.6	0.8	3.2	0.19	0.09	0.26
CCMT060208-MM	0.64	0.4	2.4	0.15	0.08	0.23
CCMT060208-MR	1.6	0.8	3.2	0.19	0.09	0.26
CCMT060208-PM	0.64	0.4	2.4	0.15	0.08	0.23
CCMT060208-PR	1.6	0.8	3.2	0.19	0.09	0.26
CCMT060208-UF	0.4	0.2	1.5	0.1	0.05	0.25
CCMT060208-UM	1	0.5	2.5	0.25	0.12	0.4
CCMT060208-WF	0.8	0.3	2	0.15	0.09	0.35
CCMT060208-WM	1.2	0.5	2.5	0.2	0.1	0.4
CCMT09T302-MF	0.35	0.08	2	0.08	0.04	0.15
CCMT09T302-PF	0.35	0.08	2	0.08	0.05	0.15
CCMT09T302-UF	0.4	0.1	2	0.07	0.05	0.15
CCMT09T302-WF	0.3	0.1	1.5	0.1	0.03	0.15

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CCMT09T304-KF	0.35	0.11	2	0.11	0.06	0.23
CCMT09T304-KM	0.64	0.25	3	0.15	0.08	0.23
CCMT09T304-MF	0.35	0.11	2	0.11	0.06	0.23
CCMT09T304-MM	0.64	0.25	3	0.15	0.08	0.23
CCMT09T304-PF	0.35	0.11	2	0.11	0.06	0.23
CCMT09T304-PM	0.64	0.25	3	0.15	0.08	0.23
CCMT09T304-UF	0.4	0.2	2	0.1	0.05	0.2
CCMT09T304-UM	1.25	0.5	4	0.2	0.08	0.3
CCMT09T304-UR	2	1	4	0.25	0.15	0.3
CCMT09T304-WF	1	0.3	3	0.2	0.07	0.3
CCMT09T304-WM	1.5	0.5	4	0.25	0.12	0.4
CCMT09T308-KF	0.35	0.15	2	0.15	0.08	0.3
CCMT09T308-KM	0.8	0.5	3	0.2	0.1	0.3
CCMT09T308-KR	2	1	4	0.25	0.12	0.35
CCMT09T308-MF	0.35	0.15	2	0.15	0.08	0.3
CCMT09T308-MM	0.8	0.5	3	0.2	0.1	0.3
CCMT09T308-MR	2	1	4	0.25	0.12	0.35
CCMT09T308-PF	0.35	0.15	2	0.15	0.08	0.3
CCMT09T308-PM	0.8	0.5	3	0.2	0.1	0.3
CCMT09T308-PR	2	1	4	0.25	0.12	0.35
CCMT09T308-UM	1.25	0.5	4	0.25	0.12	0.4
CCMT09T308-UR	2	1	4	0.3	0.15	0.5
CCMT09T308-WF	1	0.3	3	0.25	0.12	0.5
CCMT09T308-WM	1.5	0.7	4	0.3	0.15	0.5
CCMT09T312-KR	2	1.2	4	0.3	0.14	0.42
CCMT09T312-MR	2	1.2	4	0.3	0.14	0.42
CCMT09T312-PR	2	1.2	4	0.3	0.14	0.42
CCMT120404-KM	0.96	0.3	3.6	0.18	0.09	0.27
CCMT120404-MF	0.42	0.14	2.4	0.14	0.07	0.27
CCMT120404-MM	0.96	0.3	3.6	0.18	0.09	0.27
CCMT120404-PF	0.42	0.14	2.4	0.14	0.07	0.27
CCMT120404-PM	0.96	0.3	3.6	0.18	0.09	0.27
CCMT120404-WM	2	0.5	4	0.25	0.15	0.4
CCMT120408-KM	0.96	0.6	3.6	0.24	0.12	0.36
CCMT120408-KR	2.4	1.2	4.8	0.3	0.14	0.42
CCMT120408-MM	0.96	0.6	3.6	0.24	0.12	0.36
CCMT120408-MR	2.4	1.2	4.8	0.3	0.14	0.42
CCMT120408-PM	0.96	0.6	3.6	0.24	0.12	0.36
CCMT120408-PR	2.4	1.2	4.8	0.3	0.14	0.42
CCMT120408-UM	1.5	0.5	4	0.25	0.12	0.4
CCMT120408-UR	2.5	1	4	0.3	0.15	0.5
CCMT120412-KR	2.4	1.44	4.8	0.36	0.17	0.5
CCMT120412-MM	0.96	0.72	3.6	0.29	0.14	0.3
CCMT120412-MR	2.4	1.44	4.8	0.36	0.17	0.5
CCMT120412-PM	0.96	0.72	3.6	0.29	0.14	0.43
CCMT120412-PR	2.4	1.44	4.8	0.36	0.17	0.5
CCMT160508-UR	3	1	5	0.35	0.15	0.5
CCMW060204FP	0.5	0.1	2.3	0.1	0.05	0.2
CCMW09T304FP	0.5	0.1	3.4	0.1	0.05	0.2
CCMW09T308FP	1	0.1	3.4	0.15	0.05	0.4
DCET070200-UM	0.3	0.1	4	0.03	0.01	0.06
DCET070201-UM	0.5	0.1	4	0.03	0.01	0.06
DCET11T301-UM	0.3	0.1	4	0.03	0.01	0.06
DCET11T302-UM	0.3	0.2	4	0.03	0.01	0.06
DCET11T304-UM	1.25	0.5	4	0.05	0.02	0.1
DCGT070201-UM	0.3	0.1	1	0.03	0.01	0.08
DCGT070202-UM	0.5	0.1	1.5	0.07	0.02	0.16
DCGT070204-UM	1	0.3	2.5	0.15	0.08	0.25
DCGT070208-UM	1	0.3	2.5	0.2	0.12	0.3
DCGT11T301-UM	0.3	0.1	1	0.03	0.01	0.06
DCGT11T302-UM	0.3	0.1	1.5	0.03	0.01	0.06
DCGT11T304-UM	1.25	0.3	3	0.15	0.08	0.25
DCGT11T308-UM	1.25	0.3	3	0.2	0.12	0.3
DCGW070202S01020F	0.07	0.04	0.1	0.07	0.03	0.1
DCGW070202T01030F	0.07	0.04	0.2	0.07	0.03	0.1
DCGW070204S01020F	0.1	0.07	0.2	0.1	0.05	0.2
DCGW070204S01030F	0.1	0.07	0.4	0.1	0.05	0.2
DCGW070204T01020F	0.1	0.07	0.4	0.1	0.05	0.2
DCGW070208S01030F	0.2	0.07	0.8	0.15	0.05	0.3
DCGW11T302T01020F	0.07	0.04	0.2	0.07	0.05	0.1
DCGW11T304S01020F	0.1	0.07	0.2	0.1	0.05	0.2
DCGW11T304S01020FWH	0.1	0.05	0.4	0.15	0.05	0.25
DCGW11T304S01520FWH	0.1	0.07	0.2	0.15	0.05	0.25

Recommended depth of cut and cutting feed, metric

CoroTurn® 107 insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
DCGW11T304S01530F	0.1	0.07	0.4	0.1	0.05	0.2
DCGW11T304S02030F	0.1	0.07	0.2	0.1	0.05	0.2
DCGW11T304T01020F	0.1	0.07	0.4	0.1	0.05	0.2
DCGW11T308S01020F	0.2	0.07	0.4	0.15	0.05	0.3
DCGW11T308S01020FWH	0.2	0.07	0.8	0.2	0.05	0.3
DCGW11T308S01520FWH	0.2	0.07	0.4	0.2	0.05	0.3
DCGW11T308S01530F	0.2	0.07	0.8	0.15	0.05	0.3
DCGW11T308S02030F	0.2	0.07	0.4	0.15	0.05	0.3
DCGW11T308T01020F	0.2	0.07	0.8	0.15	0.05	0.3
DCGW11T312S01020F	0.2	0.07	0.6	0.2	0.05	0.3
DCGW11T312S01530F	0.2	0.07	1.2	0.15	0.05	0.3
DCGX070202-AL	1	0.3	4	0.12	0.05	0.15
DCGX070204-AL	1.5	0.5	4	0.2	0.1	0.3
DCGX11T302-AL	1	0.3	5.5	0.12	0.05	0.15
DCGX11T304-AL	1.5	0.5	5.5	0.2	0.1	0.3
DCGX11T308-AL	1.5	0.5	5.5	0.3	0.15	0.6
DCMT070202-KF	0.26	0.06	1.5	0.06	0.03	0.11
DCMT070202-MF	0.26	0.06	1.5	0.06	0.03	0.11
DCMT070202-PF	0.26	0.06	1.5	0.06	0.05	0.11
DCMT070202-UF	0.4	0.1	1.5	0.07	0.05	0.15
DCMT070204-KF	0.26	0.08	1.5	0.08	0.05	0.17
DCMT070204-KM	0.6	0.19	2.25	0.11	0.06	0.17
DCMT070204-MF	0.26	0.08	1.5	0.08	0.05	0.17
DCMT070204-MM	0.6	0.19	2.25	0.11	0.06	0.17
DCMT070204-PF	0.26	0.08	1.5	0.08	0.05	0.17
DCMT070204-PM	0.6	0.19	2.25	0.11	0.06	0.17
DCMT070204-UF	0.4	0.2	1.5	0.1	0.05	0.2
DCMT070204-UM	1	0.3	2.5	0.2	0.06	0.3
DCMT070204-UM	1	0.5	2.5	0.2	0.08	0.3
DCMT070208-KM	0.6	0.38	2.25	0.15	0.08	0.23
DCMT070208-MM	0.6	0.38	2.25	0.15	0.08	0.23
DCMT070208-PM	0.6	0.38	2.25	0.15	0.08	0.23
DCMT070208-UM	1	0.5	2.5	0.25	0.12	0.35
DCMT11T302-KF	0.35	0.08	2	0.08	0.04	0.15
DCMT11T302-MF	0.35	0.08	2	0.08	0.04	0.15
DCMT11T302-PF	0.35	0.08	2	0.08	0.05	0.15
DCMT11T304-KF	0.35	0.11	2	0.11	0.06	0.23
DCMT11T304-KM	0.8	0.25	3	0.15	0.08	0.23
DCMT11T304-MF	0.35	0.11	2	0.11	0.06	0.23
DCMT11T304-MM	0.8	0.25	3	0.15	0.08	0.23
DCMT11T304-PF	0.35	0.11	2	0.11	0.06	0.23
DCMT11T304-PM	0.8	0.25	3	0.15	0.08	0.23
DCMT11T304-UF	0.4	0.2	2	0.1	0.05	0.2
DCMT11T304-UM	1.25	0.5	4	0.2	0.08	0.3
DCMT11T304-UR	2	1	4	0.25	0.15	0.3
DCMT11T308-KF	0.35	0.15	2	0.15	0.08	0.3
DCMT11T308-KM	0.8	0.5	3	0.2	0.1	0.3
DCMT11T308-KR	2	1	4	0.25	0.12	0.35
DCMT11T308-MF	0.35	0.15	2	0.15	0.08	0.3
DCMT11T308-MM	0.8	0.5	3	0.2	0.1	0.3
DCMT11T308-MR	2	1	4	0.25	0.12	0.35
DCMT11T308-PF	0.35	0.15	2	0.15	0.08	0.3
DCMT11T308-PM	0.8	0.5	3	0.2	0.1	0.3
DCMT11T308-PR	2	1	4	0.25	0.12	0.35
DCMT11T308-UF	0.4	0.2	2	0.1	0.05	0.25
DCMT11T308-UM	1.25	0.5	4	0.25	0.12	0.4
DCMT11T308-UR	2	1	4	0.3	0.15	0.5
DCMT11T312-KM	0.8	0.6	3	0.24	0.12	0.36
DCMT11T312-KR	2	1.2	4	0.3	0.14	0.42
DCMT11T312-MM	0.8	0.6	3	0.24	0.12	0.36
DCMT11T312-MR	2	1.2	4	0.3	0.14	0.42
DCMT11T312-PM	0.8	0.6	3	0.24	0.12	0.36
DCMT11T312-PR	2	1.2	4	0.3	0.14	0.42
DCMT11T312-UR	2	1	4	0.3	0.2	0.5
DCMW11T304FP	0.5	0.1	3.3	0.1	0.05	0.2
DCMW11T308FP	1	0.1	3	0.15	0.05	0.4
DCMX070202-WF	0.3	0.1	1.5	0.1	0.03	0.15
DCMX070204-WF	0.7	0.3	2	0.12	0.05	0.25
DCMX070208-WF	0.7	0.3	2	0.15	0.09	0.35
DCMX11T302-WF	0.3	0.1	1.5	0.1	0.03	0.15
DCMX11T304-WF	1	0.3	3	0.2	0.07	0.3
DCMX11T304-WM	1.5	0.5	4	0.25	0.12	0.4
DCMX11T308-WF	1	0.3	3	0.25	0.12	0.4

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
DCMX11T308-WM	1.5	0.5	4	0.3	0.15	0.5
RCGX0602M0-AL	1	0.6	2.4	0.24	0.13	0.38
RCGX0803M0-AL	1.5	0.8	3.2	0.35	0.16	0.54
RCGX10T3M0-AL	2	1	4	0.36	0.16	0.63
RCGX1204M0-AL	2.5	1.2	4.8	0.46	0.19	0.79
RCMT0502M0	1	0.5	2	0.11	0.05	0.16
RCMT0602M0	1.5	0.5	2.4	0.15	0.05	0.17
RCMT060300	1.5	0.5	2.4	0.15	0.05	0.17
RCMT060300-SM	0.8	0.26	1.6	0.08	0.08	0.05
RCMT0803M0	2	0.8	3.2	0.2	0.05	0.25
RCMT0803M0-SM	1	0.33	2	0.08	0.08	0.06
RCMT09T300	2.5	1	4	0.25	0.06	0.32
RCMT09T300-M0	2.5	1	4	0.25	0.06	0.32
RCMT09T300-SM	1.5	0.4	2.5	0.1	0.09	0.08
RCMT10T3M0	2.5	1	4	0.25	0.06	0.32
RCMT10T3M0-SM	1.5	0.4	2.5	0.1	0.09	0.08
RCMT120400	3	1.2	4.8	0.3	0.08	0.38
RCMT120400	3	1.2	4.8	0.3	0.08	0.38
RCMT120400-M0	3	1.2	4.8	0.29	0.08	0.37
RCMT120400-SM	2	0.5	3	0.16	0.1	0.1
RCMT1204M0	3	1.2	4.8	0.3	0.08	0.38
RCMT1204M0-SM	2	0.5	3	0.12	0.1	0.1
RCMT1606M0	3.5	1.6	6.4	0.37	0.1	0.51
RCMT1606M0-SM	2.5	0.65	4	0.16	0.15	0.12
RCMT190600	4	2	8	0.45	0.13	0.63
RCMT2006M0	4	2	8	0.45	0.13	0.63
SCGW09T304S01030F	0.1	0.07	0.4	0.1	0.05	0.21
SCGW09T304T01020F	0.1	0.07	0.4	0.1	0.05	0.21
SCGW09T308S01030F	0.2	0.07	0.8	0.16	0.05	0.31
SCGW09T308S01530F	0.1	0.07	0.8	0.1	0.05	0.21
SCGW09T308T01020F	0.1	0.07	0.8	0.1	0.05	0.21
SCGX09T308-AL	1.5	0.5	5	0.31	0.16	0.62
SCMT09T304-KM	0.8	0.25	3	0.16	0.08	0.24
SCMT09T304-MF	0.35	0.11	2	0.11	0.06	0.24
SCMT09T304-MM	0.8	0.25	3	0.16	0.08	0.24
SCMT09T304-PF	0.35	0.11	2	0.11	0.06	0.24
SCMT09T304-PM	0.8	0.25	3	0.16	0.08	0.24
SCMT09T308-KM	0.8	0.5	3	0.21	0.1	0.31
SCMT09T308-KR	2	1	4	0.26	0.12	0.36
SCMT09T308-MF	0.35	0.15	2	0.16	0.08	0.31
SCMT09T308-MM	0.8	0.5	3	0.21	0.1	0.31
SCMT09T308-MR	2	1	4	0.26	0.12	0.36
SCMT09T308-PF	0.35	0.15	2	0.16	0.08	0.31
SCMT09T308-PM	0.8	0.5	3	0.21	0.1	0.31
SCMT09T308-PR	2	1	4	0.26	0.12	0.36
SCMT09T308-UF	0.4	0.2	2	0.1	0.05	0.26
SCMT09T308-UM	1.25	0.5	4	0.26	0.12	0.41
SCMT09T308-UR	2	1	4	0.31	0.16	0.52
SCMT09T312-KR	2	1.2	4	0.31	0.14	0.43
SCMT09T312-MR	2	1.2	4	0.31	0.14	0.43
SCMT09T312-PR	2	1.2	4	0.31	0.14	0.43
SCMT120404-MM	0.96	0.3	3.6	0.19	0.09	0.28
SCMT120404-PM	0.96	0.3	3.6	0.19	0.09	0.28
SCMT120404-UR	2.5	1	5	0.26	0.16	0.31
SCMT120408-KM	0.96	0.6	3.6	0.25	0.12	0.37
SCMT120408-KR	2.4	1.2	4.8	0.31	0.14	0.43
SCMT120408-MM	0.96	0.6	3.6	0.25	0.12	0.37
SCMT120408-MR	2.4	1.2	4.8	0.31	0.14	0.43
SCMT120408-PM	0.96	0.6	3.6	0.25	0.12	0.37
SCMT120408-PR	2.4	1.2	4.8	0.31	0.14	0.43
SCMT120408-UM	1.5	0.5	4	0.26	0.12	0.41
SCMT120408-UR	2.5	1	4	0.31	0.16	0.52
SCMT120412-KR	2.4	1.44	4.8	0.37	0.18	0.52
SCMT120412-MM	0.96	0.72	3.6	0.3	0.14	0.45
SCMT120412-MR	2.4	1.44	4.8	0.37	0.18	0.52
SCMT120412-PM	0.96	0.72	3.6	0.3	0.14	0.45
SCMT120412-PR	2.4	1.44	4.8	0.37	0.18	0.52
SCMT120412-UM	1.5	0.5	4	0.26	0.16	0.41
TCEX050100L-F	0.15	0.05	0.8	0.04	0.01	0.06
TCEX050100R-F	0.15	0.05	0.8	0.04	0.02	0.06
TCEX050101L-F	0.15	0.05	0.8	0.05	0.01	0.07
TCEX050101R-F	0.15	0.05	0.8	0.06	0.02	0.1
TCEX06T100L-F	0.2	0.05	1	0.05	0.01	0.07

Recommended depth of cut and cutting feed, metric

CoroTurn® 107 insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
TCEX06T100R-F	0.5	0.05	1.5	0.05	0.01	0.07
TCEX06T101L-F	0.2	0.05	1	0.08	0.01	0.12
TCEX06T101R-F	0.08	0.05	1.5	0.08	0.01	0.12
TCEX06T102L-F	0.2	0.05	1	0.08	0.02	0.15
TCEX090200L-F	0.3	0.05	1.2	0.04	0.01	0.07
TCEX090200R-F	0.4	0.05	1.4	0.06	0.01	0.08
TCEX090201L-F	0.4	0.05	1.2	0.05	0.02	0.08
TCEX090201R-F	0.6	0.05	2	0.07	0.02	0.1
TCEX090202L-F	0.4	0.05	1.2	0.08	0.02	0.12
TCEX110300L-F	0.5	0.05	1.5	0.05	0.01	0.08
TCEX110300R-F	0.8	0.05	4	0.07	0.01	0.1
TCEX110301L-F	0.6	0.05	1.7	0.06	0.02	0.1
TCEX110301R-F	0.8	0.05	4	0.08	0.02	0.15
TCEX110302L-F	0.7	0.05	2	0.08	0.02	0.12
TCGT06T102L-K	0.3	0.1	0.7	0.04	0.03	0.11
TCGT06T102R-K	0.3	0.1	1	0.05	0.03	0.15
TCGT06T104L-K	0.5	0.15	0.7	0.05	0.03	0.14
TCGT06T104R-K	0.5	0.15	1	0.07	0.03	0.2
TCGT090202L-K	0.3	0.1	0.84	0.04	0.03	0.11
TCGT090202R-K	0.3	0.1	1.2	0.05	0.03	0.15
TCGT090204L-K	0.5	0.15	0.84	0.07	0.03	0.14
TCGT090204R-K	0.5	0.15	1.2	0.1	0.03	0.2
TCGT090204-UM	1	0.5	2.25	0.2	0.08	0.25
TCGT110201-UM	0.3	0.1	1	0.03	0.01	0.06
TCGT110202L-K	0.3	0.1	1.05	0.04	0.03	0.11
TCGT110204L-K	0.5	0.15	1.05	0.07	0.03	0.18
TCGT110204R-K	0.5	0.15	1.5	0.1	0.03	0.25
TCGT110204-UM	1.25	0.3	2.5	0.15	0.08	0.25
TCGT110208-UM	1.25	0.3	2.5	0.2	0.12	0.3
TCGT110301-UM	0.3	0.1	1	0.03	0.01	0.06
TCGT110302L-K	0.3	0.1	1.05	0.04	0.03	0.11
TCGT110302R-K	0.3	0.1	1.5	0.05	0.03	0.15
TCGT110302-UM	0.3	0.1	1.5	0.07	0.02	0.12
TCGT110304L-K	0.5	0.15	1.05	0.07	0.03	0.18
TCGT110304R-K	0.5	0.15	1.5	0.1	0.03	0.25
TCGT110304-UM	1.25	0.3	2.5	0.15	0.08	0.25
TCGT110308-UM	1.25	0.3	2.5	0.2	0.12	0.3
TCGT16T304-UM	1.5	0.5	2.8	0.11	0.08	0.18
TCGT16T308-UM	1.5	0.5	2.8	0.14	0.12	0.25
TCGW06T102S01020E	0.07	0.04	0.1	0.07	0.03	0.1
TCGW06T102T01020E	0.07	0.04	0.2	0.07	0.03	0.1
TCGW06T104S01020E	0.1	0.07	0.2	0.1	0.05	0.2
TCGW06T104S01020E	0.1	0.07	0.2	0.1	0.05	0.2
TCGW090204S01020F	0.1	0.07	0.2	0.1	0.05	0.2
TCGW090204S01030F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW090204S01530F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110202T01020F	0.07	0.04	0.2	0.07	0.05	0.1
TCGW110204S01020F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110204S01530F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110204T01020F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110208S01020F	0.2	0.07	0.8	0.15	0.05	0.3
TCGW110208S01530F	0.2	0.07	0.8	0.15	0.05	0.3
TCGW110304S01020F	0.1	0.07	0.2	0.1	0.05	0.2
TCGW110304S01530F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110304T01020F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110308S01020F	0.2	0.07	0.4	0.15	0.05	0.3
TCGW110308S01530F	0.2	0.07	0.8	0.15	0.05	0.3
TCGW110308T01020F	0.2	0.07	0.8	0.15	0.05	0.3
TCGX06T104-AL	1	0.5	2	0.2	0.1	0.3
TCGX06T104L-WK	0.5	0.15	1	0.15	0.03	0.25
TCGX06T104R-WK	0.5	0.15	1	0.15	0.03	0.25
TCGX090202-AL	1	0.3	4	0.12	0.05	0.15
TCGX090204-AL	1.5	0.5	4	0.2	0.1	0.3
TCGX090204L-WK	0.5	0.15	1.2	0.2	0.04	0.28
TCGX090204R-WK	0.5	0.15	1.2	0.2	0.04	0.28
TCGX110202-AL	1	0.3	5	0.12	0.05	0.15
TCGX110204-AL	1.5	0.5	5	0.2	0.1	0.3
TCGX110204L-WK	0.5	0.15	1.5	0.2	0.05	0.3
TCGX110204R-WK	0.5	0.15	1.5	0.2	0.05	0.3
TCGX110208-AL	1.5	0.5	5	0.3	0.15	0.6
TCGX110302-AL	1	0.3	5	0.12	0.05	0.15
TCGX110304-AL	1.5	0.5	5	0.2	0.1	0.3
TCGX110304L-WK	0.5	0.15	1.5	0.2	0.05	0.3

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
TCGX110304R-WK	0.5	0.15	1.5	0.2	0.05	0.3
TCGX110308-AL	1.5	0.5	5	0.3	0.15	0.6
TCGX16T304-AL	1.5	0.5	7	0.2	0.1	0.3
TCGX16T308-AL	1.5	0.5	7	0.3	0.15	0.6
TCMT06T102-KF	0.26	0.06	1.5	0.06	0.05	0.11
TCMT06T102-KF	0.26	0.06	1.5	0.06	0.03	0.11
TCMT06T102-MF	0.26	0.06	1.5	0.06	0.03	0.11
TCMT06T102-PF	0.26	0.06	1.5	0.06	0.05	0.11
TCMT06T102-UF	0.4	0.2	1.5	0.07	0.05	0.15
TCMT06T104-KF	0.26	0.08	1.5	0.08	0.05	0.17
TCMT06T104-MF	0.26	0.08	1.5	0.08	0.05	0.17
TCMT06T104-PF	0.26	0.08	1.5	0.08	0.05	0.17
TCMT06T104-UF	0.4	0.2	1.5	0.1	0.05	0.2
TCMT06T108-KF	0.26	0.11	1.5	0.11	0.06	0.23
TCMT06T108-MF	0.26	0.11	1.5	0.11	0.06	0.23
TCMT06T108-PF	0.26	0.11	1.5	0.11	0.06	0.23
TCMT090202-KF	0.3	0.06	1.7	0.06	0.05	0.13
TCMT090202-KF	0.3	0.06	1.7	0.06	0.03	0.13
TCMT090202-MF	0.3	0.06	1.7	0.06	0.03	0.13
TCMT090202-PF	0.3	0.06	1.7	0.06	0.05	0.13
TCMT090204-KF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT090204-KM	0.6	0.19	2.25	0.11	0.06	0.17
TCMT090204-MF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT090204-MM	0.6	0.19	2.25	0.11	0.06	0.17
TCMT090204-PF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT090204-PM	0.6	0.19	2.25	0.11	0.06	0.17
TCMT090204-UF	0.4	0.2	1.5	0.1	0.05	0.2
TCMT090204-UM	1	0.3	2.5	0.2	0.06	0.3
TCMT090204-UM	1	0.5	2.5	0.2	0.08	0.3
TCMT090208-KM	0.6	0.38	2.25	0.15	0.08	0.23
TCMT090208-MM	0.6	0.38	2.25	0.15	0.08	0.23
TCMT090208-PM	0.6	0.38	2.25	0.15	0.08	0.23
TCMT090208-UF	0.4	0.2	1.5	0.1	0.05	0.25
TCMT090208-UM	1	0.5	2.5	0.25	0.12	0.4
TCMT110202-UF	0.4	0.2	2	0.07	0.05	0.15
TCMT110204-UF	0.4	0.2	2	0.1	0.05	0.2
TCMT110204-UM	1.25	0.5	3	0.2	0.08	0.3
TCMT110204-UR	2	1	3	0.25	0.15	0.3
TCMT110208-UF	0.4	0.2	2	0.1	0.05	0.25
TCMT110208-UM	1.25	0.5	3	0.25	0.12	0.4
TCMT110208-UR	2	1	3	0.3	0.15	0.4
TCMT110302-KF	0.3	0.06	1.7	0.06	0.05	0.13
TCMT110302-MF	0.3	0.06	1.7	0.06	0.03	0.13
TCMT110302-PF	0.3	0.06	1.7	0.06	0.05	0.13
TCMT110304-KF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT110304-KM	0.67	0.21	2.5	0.13	0.06	0.19
TCMT110304-MF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT110304-MM	0.67	0.21	2.5	0.13	0.06	0.19
TCMT110304-PF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT110304-PM	0.67	0.21	2.5	0.13	0.06	0.19
TCMT110308-KF	0.3	0.13	1.7	0.13	0.07	0.26
TCMT110308-KM	0.67	0.42	2.5	0.17	0.09	0.26
TCMT110308-KR	1.5	0.75	3	0.21	0.1	0.3
TCMT110308-KR	1.5	0.75	3	0.21	0.1	0.3
TCMT110308-MF	0.3	0.13	1.7	0.13	0.07	0.26
TCMT110308-MM	0.67	0.42	2.5	0.17	0.09	0.26
TCMT110308-MR	1.5	0.75	3	0.21	0.1	0.3
TCMT110308-PF	0.3	0.13	1.7	0.13	0.07	0.26
TCMT110308-PM	0.67	0.42	2.5	0.17	0.09	0.26
TCMT110308-PR	1.5	0.75	3	0.21	0.1	0.3
TCMT110312-KM	0.65	0.5	2.5	0.2	0.1	0.31
TCMT110312-KR	1.5	0.9	3	0.26	0.12	0.36
TCMT110312-PM	0.67	0.5	2.5	0.2	0.1	0.31
TCMT16T304-KF	0.35	0.11	2	0.11	0.06	0.23
TCMT16T304-KM	0.8	0.25	3	0.15	0.08	0.23
TCMT16T304-MF	0.35	0.11	2	0.11	0.06	0.23
TCMT16T304-MM	0.8	0.25	3	0.15	0.08	0.23
TCMT16T304-PF	0.35	0.11	2	0.11	0.06	0.23
TCMT16T304-PM	0.8	0.25	3	0.15	0.08	0.23
TCMT16T304-UM	1.5	0.5	4	0.2	0.08	0.3
TCMT16T304-UR	2.5	1	4	0.25	0.15	0.3
TCMT16T308-KM	0.8	0.5	3	0.2	0.1	0.3
TCMT16T308-KR	2	1	4	0.25	0.12	0.35

Recommended depth of cut and cutting feed, metric

CoroTurn® 107 insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
TCMT16T308-MM	0.8	0.5	3	0.2	0.1	0.3
TCMT16T308-MR	2	1	4	0.25	0.12	0.35
TCMT16T308-PM	0.8	0.5	3	0.2	0.1	0.3
TCMT16T308-PR	2	1	4	0.25	0.12	0.35
TCMT16T308-UF	0.4	0.2	2	0.1	0.05	0.25
TCMT16T308-UM	1.5	0.5	4	0.25	0.12	0.4
TCMT16T308-UR	2.5	1	4	0.3	0.15	0.5
TCMT16T312-KM	0.8	0.6	3	0.24	0.12	0.36
TCMT16T312-KR	2	1.2	4	0.3	0.14	0.42
TCMT16T312-MM	0.8	0.6	3	0.24	0.12	0.36
TCMT16T312-MR	2	1.2	4	0.3	0.14	0.42
TCMT16T312-PM	0.8	0.6	3	0.24	0.12	0.36
TCMT16T312-PR	2	1.2	4	0.3	0.14	0.42
TCMT16T312-UR	2.5	1	4	0.3	0.2	0.5
TCMT220408-KM	0.96	0.6	3.6	0.24	0.12	0.36
TCMT220408-KR	2.4	1.2	4.8	0.3	0.14	0.42
TCMT220408-MM	0.96	0.6	3.6	0.24	0.12	0.36
TCMT220408-MR	2.4	1.2	4.8	0.3	0.14	0.42
TCMT220408-PM	0.96	0.6	3.6	0.24	0.12	0.36
TCMT220408-PR	2.4	1.2	4.8	0.3	0.14	0.42
TCMT220412-KR	2.4	1.44	4.8	0.36	0.17	0.5
TCMT220412-MR	2.4	1.44	4.8	0.36	0.17	0.5
TCMT220412-PR	2.4	1.44	4.8	0.36	0.17	0.5
TCMW090204FP	0.5	0.1	2.2	0.1	0.05	0.2
TCMW110204FP	0.5	0.1	2.2	0.1	0.05	0.2
TCMW110208FP	1	0.1	1.9	0.15	0.05	0.4
TCMW110304FP	0.5	0.1	2.2	0.1	0.05	0.2
TCMW110308FP	1	0.1	1.9	0.15	0.05	0.4
TCMW16T304FLP	0.5	0.1	7	0.1	0.05	0.2
TCMW16T304FP	0.5	0.1	3.4	0.1	0.05	0.2
TCMW16T304FRP	0.5	0.1	7	0.1	0.05	0.2
TCMW16T308FP	1	0.1	3.1	0.15	0.05	0.4
TCMX090202-WF	0.3	0.1	1.5	0.1	0.03	0.15
TCMX090204-WF	0.7	0.3	2	0.12	0.05	0.3
TCMX090208-WF	0.7	0.3	2	0.25	0.1	0.35
TCMX110302-WF	0.3	0.1	1.5	0.1	0.03	0.15
TCMX110304-WF	1	0.3	2.5	0.2	0.07	0.3
TCMX110308-WF	1	0.3	2.5	0.25	0.12	0.4
TCMX110308-WM	1.2	0.5	3	0.3	0.15	0.5
TCMX16T304-WF	1.2	0.3	3.5	0.2	0.07	0.35
TCMX16T308-WF	1.2	0.3	3.5	0.25	0.12	0.5
TCMX16T308-WM	1.5	0.5	4	0.3	0.15	0.5
VBGT160401-UM	0.3	0.1	1	0.03	0.01	0.08
VBGT160402-UM	0.5	0.1	1.5	0.07	0.02	0.16
VBGT160404-UM	1.25	0.3	4	0.2	0.08	0.3
VBGT160408-UM	1.25	0.3	4	0.25	0.12	0.3
VBGW110302S01020F	0.07	0.04	0.1	0.07	0.03	0.1
VBGW110302T01020F	0.07	0.04	0.2	0.07	0.03	0.1
VBGW110304S01020F	0.1	0.07	0.2	0.1	0.05	0.2
VBGW160404S01020F	0.1	0.07	0.2	0.1	0.05	0.2
VBGW160404S01030F	0.1	0.07	0.4	0.1	0.05	0.2
VBGW160404S01530F	0.1	0.07	0.4	0.1	0.05	0.2
VBGW160404T01020F	0.1	0.07	0.4	0.1	0.05	0.2
VBGW160408S01020F	0.2	0.07	0.4	0.15	0.05	0.3
VBGW160408S01530F	0.2	0.07	0.8	0.15	0.05	0.3
VBGW160408T01020F	0.2	0.07	0.8	0.15	0.05	0.3
VBMT110202-UF	0.4	0.2	1.5	0.07	0.05	0.15
VBMT110204-UF	0.4	0.2	1.5	0.1	0.05	0.2
VBMT110208-UF	0.4	0.2	1.5	0.1	0.05	0.25
VBMT110302-KF	0.3	0.06	1.7	0.06	0.03	0.13
VBMT110302-MF	0.3	0.06	1.7	0.06	0.03	0.13
VBMT110302-PF	0.3	0.06	1.7	0.06	0.05	0.13
VBMT110304-KF	0.3	0.1	1.7	0.1	0.05	0.19
VBMT110304-MF	0.3	0.1	1.7	0.1	0.05	0.19
VBMT110304-PF	0.3	0.1	1.7	0.1	0.05	0.19
VBMT110308-KF	0.3	0.13	1.7	0.13	0.07	0.26
VBMT110308-MF	0.3	0.13	1.7	0.13	0.07	0.26
VBMT110308-PF	0.3	0.13	1.7	0.13	0.07	0.26
VBMT110312-PF	0.3	0.13	1.7	0.15	0.08	0.31
VBMT160402-KF	0.32	0.07	1.8	0.07	0.04	0.14
VBMT160402-MF	0.32	0.07	1.8	0.07	0.04	0.14
VBMT160402-PF	0.32	0.07	1.8	0.07	0.05	0.14
VBMT160404-KF	0.32	0.1	1.8	0.1	0.05	0.2

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
VBMT160404-KM	0.72	0.23	2.7	0.14	0.07	0.2
VBMT160404-MF	0.32	0.1	1.8	0.1	0.05	0.2
VBMT160404-MM	0.72	0.23	2.7	0.14	0.07	0.2
VBMT160404-PF	0.32	0.1	1.8	0.1	0.05	0.2
VBMT160404-PM	0.72	0.23	2.7	0.14	0.07	0.2
VBMT160404-UM	1.25	0.5	4	0.2	0.08	0.3
VBMT160404-UR	2	1	4	0.25	0.15	0.3
VBMT160408-KF	0.32	0.14	1.8	0.14	0.07	0.27
VBMT160408-KM	0.72	0.45	2.7	0.18	0.09	0.27
VBMT160408-KR	1.8	0.9	3.6	0.23	0.11	0.32
VBMT160408-MF	0.32	0.14	1.8	0.14	0.07	0.27
VBMT160408-MM	0.72	0.45	2.7	0.18	0.09	0.27
VBMT160408-MR	1.8	0.9	3.6	0.23	0.11	0.32
VBMT160408-PF	0.32	0.14	1.8	0.14	0.07	0.27
VBMT160408-PM	0.72	0.45	2.7	0.18	0.09	0.27
VBMT160408-PR	1.8	0.9	3.6	0.23	0.11	0.32
VBMT160408-UM	1.25	0.5	4	0.25	0.12	0.4
VBMT160408-UR	2	1	4	0.3	0.15	0.5
VBMT160412-KM	0.72	0.54	2.7	0.22	0.11	0.32
VBMT160412-KR	1.8	1.08	3.6	0.27	0.13	0.38
VBMT160412-MF	0.32	0.14	1.8	0.16	0.09	0.32
VBMT160412-MM	0.72	0.54	2.7	0.22	0.11	0.32
VBMT160412-MR	1.8	1.08	3.6	0.27	0.13	0.38
VBMT160412-PF	0.32	0.14	1.8	0.16	0.09	0.32
VBMT160412-PM	0.72	0.54	2.7	0.22	0.11	0.32
VBMT160412-PR	1.8	1.08	3.6	0.27	0.13	0.38
VBMT160412-UM	1.25	0.5	4	0.25	0.1	0.4
VBMT160412-UR	2	1	4	0.3	0.2	0.5
VCET110301-UM	0.3	0.1	4	0.03	0.01	0.06
VCET110302-UM	0.5	0.2	4	0.03	0.02	0.08
VCEX110300L-F	1	0.03	3	0.05	0.01	0.14
VCEX110300R-F	1	0.03	4	0.05	0.01	0.2
VCEX110301L-F	1	0.05	3	0.07	0.01	0.21
VCEX110301R-F	1	0.05	4	0.1	0.01	0.3
VCGT110301-UM	0.3	0.1	1	0.03	0.01	0.08
VCGT110302-UM	0.5	0.1	1.5	0.07	0.02	0.16
VCGT110304-UM	1.25	0.3	3	0.15	0.08	0.25
VCGX110202-AL	1	0.3	3	0.12	0.05	0.15
VCGX110204-AL	1.5	0.5	3	0.2	0.1	0.3
VCGX110302-AL	1	0.3	3	0.12	0.05	0.15
VCGX110304-AL	1.5	0.5	3	0.2	0.1	0.3
VCGX160404-AL	1.5	0.5	5	0.2	0.1	0.3
VCGX160408-AL	1.5	0.5	5	0.3	0.15	0.6
VCGX160412-AL	1.5	0.5	5	0.4	0.15	0.8
VCGX220520-AL	1.5	0.5	7	0.6	0.25	1
VCGX220530-AL	1.5	0.5	7	0.6	0.25	1
VCMT110302-PF	0.3	0.07	1.5	0.07	0.05	0.13
VCMT110304-KF	0.3	0.1	1.5	0.1	0.05	0.2
VCMT110304-MF	0.3	0.1	1.5	0.1	0.05	0.2
VCMT110304-MM	0.77	0.31	2.55	0.15	0.1	0.25
VCMT110304-PF	0.3	0.1	1.5	0.1	0.05	0.2
VCMT110304-PM	0.77	0.31	2.55	0.15	0.1	0.25
VCMT110308-KM	0.77	0.61	2.55	0.2	0.13	0.33
VCMT110308-MM	0.77	0.61	2.55	0.2	0.13	0.33
VCMT110308-PM	0.77	0.61	2.55	0.2	0.13	0.33
VCMW110204FP	0.5	0.1	3.5	0.1	0.05	0.2
VCMW110304FP	0.5	0.1	3.5	0.1	0.05	0.2
VCMW160408FP	1	0.1	2.8	0.15	0.05	0.4
VCMW160412FP	1	0.1	2.1	0.15	0.05	0.4

Recommended depth of cut and cutting feed, metric

T-Max® insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CNGN120708T02520	2	1	3	0.2	0.15	0.5
CNGN160716T01020	2	1	3	0.19	0.07	0.3
CNGN120408T01020	1.2	0.1	3.6	0.1	0.07	0.2
CNGN120412S02520M	2	0.5	4	0.35	0.1	0.6
CNGN120412T01020	1.2	0.1	3.6	0.14	0.07	0.3
CNGN120412T02520	2	1	3	0.2	0.1	0.5
CNGN120416S02520M	2	0.5	4	0.35	0.1	0.6
CNGN120416T01020	1.2	0.1	3.6	0.19	0.07	0.3
CNGN120708T01020	1.2	0.1	3.6	0.1	0.07	0.2
CNGN120712T01020	1.2	0.1	3.6	0.14	0.07	0.2
CNGN120716T01020	1.2	0.1	3.6	0.19	0.07	0.3
CNGN120716T02520	2	1	3	0.2	0.15	0.5
CNGN160708T01020	1.6	0.1	4.8	0.1	0.07	0.2
CNGN160712T01020	1.6	0.1	4.8	0.14	0.07	0.3
DNGN150408T01020	1.5	0.1	4.5	0.1	0.07	0.2
DNGN150412T01020	1.5	0.1	4.5	0.14	0.07	0.3
DNGN150708T01020	1.5	0.1	4.5	0.1	0.07	0.2
DNGN150712T01020	1.5	0.1	4.5	0.14	0.07	0.3
DNGN150712T02520	2	1	3	0.2	0.1	0.5
DNGN150716K07015	4.5	0.1	7.5	0.4	0.05	0.6
DNGN150716T01020	1.5	0.1	4.5	0.19	0.07	0.3
DNGN150716T07015	4.5	0.1	7.5	0.4	0.05	0.6
RCGX060600E	0.8	0.4	1.6	0.03	0.03	0.03
RCGX060600T01020	0.9	0.1	1.8	0.12	0.1	0.2
RCGX090700E	1.2	0.6	2.4	0.05	0.05	0.05
RCGX090700T01020	1.35	0.1	2.7	0.15	0.1	0.2
RCGX090700T07015	2.7	0.1	3.6	0.25	0.1	0.6
RCGX120700E	1.8	0.9	3.6	0.08	0.08	0.08
RCGX120700K15015	3.6	0.1	4.8	0.3	0.1	0.6
RCGX120700T01020	1.8	0.1	3.6	0.15	0.1	0.2
RCGX120700T02520	2	1	3	0.4	0.3	0.5
RCGX120700T15015	2	1	3	0.4	0.3	0.5
RCGX151000T20015	4.5	0.1	6	0.3	0.1	0.6
RCGX191000K20015	5.7	0.1	7.6	0.4	0.1	0.6
RCGX191000T20015	5.7	0.1	7.6	0.4	0.1	0.6
RNGN060300S02520M	2	0.5	4	0.49	0.14	0.85
RNGN090300S02520M	2	0.5	4	0.49	0.14	0.85
RNGN090300T01020	1.35	0.1	2.7	0.15	0.1	0.25
RNGN120300S02520M	2	0.5	4	0.49	0.14	0.85
RNGN120400E	1.8	0.9	3.6	0.08	0.08	0.08
RNGN120400S02520M	2	0.5	4	0.49	0.14	0.85
RNGN120400T01020	1.8	0.1	3.6	0.15	0.1	0.3
RNGN120400T02520	2	1	3	0.2	0.15	0.5
RNGN120700E	1.8	0.9	3.6	0.08	0.08	0.08
RNGN120700K15015	3.6	0.1	4.8	0.3	0.1	0.6
RNGN120700T01020	1.8	0.1	3.6	0.15	0.1	0.2
RNGN120700T02520	2	1	3	0.2	0.1	0.5
RNGN120700T15015	3.6	0.1	4.8	0.3	0.1	0.6
RNGN150700T01020	2.25	0.1	4.5	0.2	0.1	0.3
RNGN150700T20015	2.25	0.1	4.5	0.2	0.1	0.3
RNGN190700E	2.4	1.2	4.8	0.11	0.11	0.11
RNGN190700K20015	2.85	0.1	5.7	0.2	0.1	0.4
RNGN190700T01020	2.85	0.1	5.7	0.2	0.1	0.4
RNGN190700T20015	5.7	0.1	7.6	0.4	0.1	0.6
RPGN060300E	0.9	0.4	1.8	0.12	0.1	0.2
RPGN060300T01020	0.9	0.4	1.8	0.12	0.1	0.2
RPGN090300E	1.35	0.6	2.7	0.15	0.1	0.2
RPGN090300T01020	1.35	0.1	2.7	0.15	0.1	0.25
RPGN120400E	1.8	0.9	3.6	0.15	0.1	0.2
RPGN120400T01020	1.8	0.9	3.6	0.15	0.1	0.25
RPGX060600T01020	1.8	0.4	3.6	0.12	0.1	0.2
RPGX090700E	1.2	0.6	2.4	0.05	0.05	0.05
RPGX090700T01020	1.35	0.1	2.7	0.15	0.1	0.2
RPGX120700E	1.8	0.9	3.6	0.08	0.08	0.08
RPGX120700T01020	1.8	0.1	3.6	0.15	0.1	0.2
SNGN120416T01020	1.2	0.1	3.6	0.2	0.07	0.31
SNGN090308T01020	0.9	0.1	2.7	0.1	0.07	0.21
SNGN090312S02520M	2	0.5	4	0.36	0.1	0.62
SNGN090312T01020	0.9	0.1	2.7	0.14	0.07	0.31
SNGN120408T01020	1.2	0.1	3.6	0.1	0.07	0.21
SNGN120408T02520	2	1	3	0.21	0.16	0.52
SNGN120412E	2	1	4	0.16	0.1	0.21
SNGN120412S02520M	2	0.5	4	0.36	0.1	0.62

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
SNGN120412T01020	1.2	0.1	3.6	0.14	0.07	0.31
SNGN120412T02520	2	1	3	0.21	0.1	0.52
SNGN120416S02520M	2	0.5	4	0.36	0.1	0.62
SNGN120416T02520	2	1	3	0.21	0.16	0.52
SNGN120708T01020	1.2	0.1	3.6	0.1	0.07	0.21
SNGN120708T02520	2	1	3	0.21	0.16	0.52
SNGN120712E	2	1	4	0.16	0.1	0.21
SNGN120712T01020	1.2	0.1	3.6	0.14	0.07	0.21
SNGN120712T02520	2	1	3	0.21	0.1	0.52
SNGN120716K15015	3.6	0.1	6	0.41	0.05	0.62
SNGN120716T01020	1.2	0.1	3.6	0.2	0.07	0.31
SNGN120716T02520	2	1	3	0.21	0.16	0.52
SNGN120716T15015	3.6	0.1	6	0.41	0.05	0.62
SNGN150708T01020	1.5	0.1	4.5	0.1	0.07	0.21
SNGN150716T01020	1.5	0.1	4.5	0.2	0.07	0.31
SNGN150716T02520	2	1	3	0.21	0.16	0.52
SNGN190716T01020	1.9	0.1	5.7	0.2	0.07	0.31
SNGN190724E	4	2	6	0.16	0.1	0.21
SNGN190724T01020	1.9	0.1	5.7	0.2	0.07	0.31
SPGN120408T01020	1.2	0.1	3.6	0.1	0.07	0.21
SPGN120412T01020	1.2	0.1	3.6	0.14	0.07	0.31
SPUN120304FP	0.5	0.1	3.7	0.1	0.05	0.21
TNGN110308T01020	1.1	0.1	3.3	0.1	0.07	0.2
TNGN160408T01020	1.6	0.1	4.8	0.1	0.07	0.2
TNGN160412T01020	1.6	0.1	4.8	0.14	0.07	0.3
TNGN160416T01020	1.6	0.1	4.8	0.19	0.07	0.3
TNGN160708T01020	1.6	0.1	4.8	0.1	0.07	0.2
TNGN160712T01020	1.6	0.1	4.8	0.14	0.07	0.3
TPGN110304T01020	1.1	0.1	3.3	0.09	0.07	0.1
TPGN110308T01020	1.1	0.1	3.3	0.1	0.07	0.2
TPGN160304T01020	1.6	0.1	4.8	0.09	0.07	0.1
TPGN160308E	4.8	0.1	8	0.2	0.05	0.36
TPGN160308T01020	1.6	0.1	4.8	0.1	0.07	0.2
TPGN160312T01020	1.6	0.1	4.8	0.14	0.07	0.3
TPUN110304FP	0.5	0.1	2.2	0.1	0.05	0.2
TPUN160304FLP	0.5	0.1	7	0.1	0.05	0.2
TPUN160304FP	0.5	0.1	2.2	0.1	0.05	0.2
TPUN160304FRP	0.5	0.1	7	0.1	0.05	0.2

CoroTurn® 300 insert for turning

3-80-101104-8-L4	1.2	0.25	3	0.2	0.1	0.3
3-80-101108-8-L4	1.6	0.5	3	0.22	0.12	0.32
3-80-101108-8-M5	2.5	0.8	3.8	0.32	0.2	0.45
3-80-101108-8-M5W	2.5	0.5	3.8	0.45	0.2	0.6
3-80-101112-8-L4	2	0.65	3	0.25	0.15	0.35
3-80-101112-8-M5	3	1.2	3.8	0.35	0.25	0.55
3-80-101112-8-M5W	3	0.8	3.8	0.5	0.25	0.7

CoroTurn® Prime insert for turning

CP-A1104-L5	1	0.25	3	0.4	0.2	0.5
CP-A1108-L5	1	0.25	3	0.4	0.2	0.5
CP-A1108-L5W	1	0.25	3	0.4	0.2	0.5
CP-B1108-M5	2	0.5	4	0.59	0.31	1.21
CP-B1108-M5W	2	0.5	4	0.59	0.31	1.21

CoroTurn® TR insert for turning

TR-DC1304-F	1	0.15	3	0.2	0.08	0.3
TR-DC1304S01020F	0.2	0.07	0.6	0.2	0.05	0.3
TR-DC1308-F	1	0.15	3	0.24	0.1	0.4
TR-DC1308-M	2	0.5	5	0.25	0.1	0.4
TR-DC1308S01020F	0.2	0.07	0.6	0.2	0.05	0.3
TR-DC1312-M	2	0.5	5	0.3	0.15	0.5
TR-VB1302-F	0.3	0.05	1	0.07	0.03	0.13
TR-VB1304-F	0.8	0.1	2	0.15	0.06	0.35
TR-VB1304S01020F	0.1	0.07	0.2	0.1	0.05	0.2
TR-VB1308-F	0.8	0.1	2	0.2	0.09	0.4
TR-VB1308S01020F	0.1	0.07	0.2	0.1	0.05	0.2
TR-VB1312-F	0.8	0.1	2	0.2	0.09	0.4

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CNGA090304S01030A	.004	.003	.016	.004	.002	.008
CNGA090304S01030AWH	.004	.003	.016	.007	.002	.01
CNGA090304T01030AWH	.004	.003	.016	.007	.002	.01
CNGA090308S01030A	.008	.003	.031	.006	.002	.012
CNGA090308S01030AWH	.004	.003	.031	.011	.002	.014
CNGA090308S02035A	.008	.003	.031	.006	.002	.012
CNGA090308T01030AWH	.004	.003	.031	.011	.002	.014
CNGA120404S01020A	.004	.003	.016	.004	.002	.008
CNGA120404S01020H	.004	.003	.008	.004	.002	.008
CNGA120404S01030A	.004	.003	.016	.004	.002	.008
CNGA120404S01030AWH	.004	.003	.016	.007	.002	.01
CNGA120404S01525	.004	.004	.02	.004	.002	.008
CNGA120404S01525H	.004	.003	.008	.004	.002	.008
CNGA120404S01525WH	.004	.004	.02	.004	.002	.012
CNGA120404S02035A	.008	.003	.016	.006	.002	.012
CNGA120404S02035B	.008	.003	.016	.006	.002	.012
CNGA120404T01020B	.004	.003	.016	.004	.002	.008
CNGA120404T01020BWG	.004	.003	.016	.007	.002	.01
CNGA120404T01030AWH	.004	.003	.016	.007	.002	.01
CNGA120408EA	.006	.003	.031	.004	.002	.008
CNGA120408S01018A	.006	.003	.031	.006	.002	.012
CNGA120408S01020H	.008	.003	.016	.006	.002	.012
CNGA120408S01030A	.008	.003	.031	.006	.002	.012
CNGA120408S01030AWG	.004	.003	.031	.011	.002	.014
CNGA120408S01030AWH	.004	.003	.031	.011	.002	.014
CNGA120408S01520HWG	.004	.003	.016	.011	.002	.014
CNGA120408S01520HWH	.004	.003	.016	.011	.002	.014
CNGA120408S01525	.008	.004	.039	.004	.002	.012
CNGA120408S01525H	.008	.003	.016	.006	.002	.012
CNGA120408S01525WH	.004	.004	.039	.006	.002	.014
CNGA120408S01530B	.006	.004	.039	.006	.002	.012
CNGA120408S02030H	.008	.003	.016	.006	.002	.012
CNGA120408S02035A	.008	.003	.031	.006	.002	.012
CNGA120408S02035AWH	.004	.002	.016	.008	.002	.014
CNGA120408S02035B	.008	.003	.031	.006	.002	.012
CNGA120408T01020	.047	.004	.142	.004	.003	.008
CNGA120408T01020B	.006	.003	.031	.006	.002	.012
CNGA120408T01020BWG	.004	.003	.031	.011	.002	.014
CNGA120408T01020WG	.142	.004	.236	.01	.006	.014
CNGA120408T01030A	.008	.003	.031	.006	.002	.012
CNGA120408T01030AWH	.004	.003	.031	.011	.002	.014
CNGA120408T01525	.008	.004	.039	.004	.002	.012
CNGA120408T01525WH	.008	.004	.039	.006	.002	.014
CNGA120408T02520	.118	.079	.157	.02	.012	.022
CNGA120412EA	.006	.003	.047	.004	.002	.008
CNGA120412S01018A	.008	.003	.047	.008	.002	.016
CNGA120412S01020H	.008	.003	.024	.008	.002	.012
CNGA120412S01030A	.008	.003	.047	.008	.002	.012
CNGA120412S01030AWG	.008	.003	.047	.013	.002	.016
CNGA120412S01030AWH	.008	.003	.047	.013	.002	.016
CNGA120412S01520HWG	.008	.003	.024	.013	.002	.016
CNGA120412S01520HWH	.008	.003	.024	.013	.002	.016
CNGA120412S01525	.012	.004	.059	.006	.002	.014
CNGA120412S01525H	.008	.003	.024	.008	.002	.012
CNGA120412S01525WH	.012	.004	.059	.008	.002	.014
CNGA120412S01530B	.008	.004	.059	.008	.002	.012
CNGA120412S02030H	.008	.003	.024	.008	.002	.012
CNGA120412S02035A	.008	.003	.047	.008	.002	.012
CNGA120412S02035B	.008	.003	.047	.008	.002	.012
CNGA120412T01020	.047	.004	.142	.006	.003	.012
CNGA120412T01020B	.008	.003	.047	.008	.002	.016
CNGA120412T01020WG	.142	.004	.236	.018	.006	.021
CNGA120412T01030A	.008	.003	.047	.008	.002	.012
CNGA120412T01030AWH	.008	.003	.047	.013	.002	.016
CNGA120412T02520	.118	.079	.157	.02	.012	.024
CNGA120416S01030A	.024	.003	.063	.02	.002	.02
CNGA120416S01030A	.024	.003	.063	.02	.002	.028
CNGA120416S01525H	.008	.003	.031	.008	.002	.02
CNGA120416S02035A	.008	.003	.063	.008	.002	.012
CNGA120416T01020	.047	.004	.142	.007	.003	.012
CNGA120416T01020WG	.142	.004	.236	.024	.006	.024
CNGA120416T02520	.118	.079	.157	.02	.012	.024
CNGA160608T01020	.063	.004	.189	.004	.003	.008

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CNGA160612T01020	.063	.004	.189	.006	.003	.012
CNGA160612T02520	.189	.004	.315	.012	.006	.021
CNGA160616T02520	.189	.004	.315	.016	.006	.024
CNGA190616T02520	.224	.004	.374	.016	.006	.024
CNGG120401-SGF	.004	.002	.118	.001	0	.003
CNGG120402-SGF	.008	.003	.118	.002	.001	.004
CNGG120404-SGF	.012	.004	.118	.005	.002	.01
CNGG120408-SGF	.02	.008	.118	.006	.004	.012
CNGG120412-SGF	.031	.012	.157	.007	.004	.014
CNGQ120708T02520	.142	.004	.236	.008	.006	.014
CNGQ120708T02520WG	.142	.004	.236	.012	.006	.014
CNGQ120712T02520	.142	.004	.236	.012	.006	.021
CNGQ120712T02520WG	.142	.004	.236	.018	.006	.021
CNGQ120716T02520	.142	.004	.236	.016	.006	.024
CNGX120712T02520	.142	.004	.236	.012	.006	.021
CNGX120716T02520	.142	.004	.236	.016	.006	.024
CNMA120404-KR	.098	.008	.197	.008	.004	.012
CNMA120408-KR	.157	.008	.315	.014	.006	.024
CNMA120412-KR	.157	.012	.315	.018	.008	.031
CNMA120416-KR	.157	.012	.315	.022	.008	.039
CNMA160612-KR	.197	.012	.394	.018	.008	.031
CNMA160616-KR	.197	.012	.394	.022	.008	.039
CNMA190608-KR	.236	.008	.472	.014	.006	.024
CNMA190612-KR	.236	.012	.472	.018	.008	.031
CNMA190616-KR	.236	.012	.472	.022	.008	.039
CNMA190624-KR	.236	.016	.472	.024	.008	.047
CNMG090304-MF	.016	.004	.059	.006	.002	.01
CNMG090304-MM	.059	.006	.157	.01	.004	.016
CNMG090304-PF	.016	.01	.059	.006	.003	.012
CNMG090304-PM	.079	.016	.157	.008	.004	.012
CNMG090304-QM	.118	.039	.177	.01	.007	.012
CNMG090304-WF	.02	.012	.059	.006	.002	.01
CNMG090308-MF	.016	.004	.059	.008	.004	.014
CNMG090308-MM	.079	.02	.157	.01	.004	.016
CNMG090308-PF	.016	.012	.059	.006	.004	.012
CNMG090308-PM	.079	.02	.157	.012	.006	.02
CNMG090308-QM	.118	.039	.177	.014	.008	.02
CNMG090308-WF	.039	.012	.079	.012	.004	.012
CNMG120404-KF	.02	.006	.079	.006	.003	.01
CNMG120404-MF	.016	.004	.059	.006	.002	.012
CNMG120404-PF	.016	.01	.059	.006	.003	.012
CNMG120404-PM	.118	.016	.217	.008	.004	.012
CNMG120404-QM	.118	.039	.236	.01	.007	.012
CNMG120404-SF	.016	.006	.059	.005	.003	.009
CNMG120404-SM	.059	.006	.098	.008	.004	.012
CNMG120404-WF	.016	.01	.118	.01	.002	.01
CNMG120404-XF	.03	.006	.157	.006	.002	.008
CNMG120404-XM	.098	.012	.197	.007	.003	.012
CNMG120408-KF	.02	.006	.079	.008	.004	.012
CNMG120408-KM	.118	.008	.236	.014	.006	.02
CNMG120408-KR	.138	.015	.276	.015	.007	.021
CNMG120408-MF	.016	.004	.059	.008	.004	.016
CNMG120408-MM	.118	.02	.224	.01	.004	.018
CNMG120408-MR	.118	.079	.299	.012	.006	.022
CNMG120408-PF	.016	.012	.059	.008	.004	.016
CNMG120408-PM	.118	.02	.217	.012	.006	.02
CNMG120408-PR	.157	.028	.276	.014	.008	.02
CNMG120408-QM	.118	.039	.236	.014	.008	.02
CNMG120408-SF	.02	.008	.059	.006	.004	.01
CNMG120408-SM	.079	.008	.118	.01	.004	.014
CNMG120408-SMR	.079	.02	.157	.012	.004	.016
CNMG120408-WF	.039	.01	.157	.012	.004	.02
CNMG120408-WMX	.118	.02	.197	.018	.006	.028
CNMG120408-XF	.039	.008	.157	.008	.002	.01
CNMG120408-XM	.098	.02	.197	.01	.004	.016
CNMG120408-XMR	.118	.02	.236	.012	.006	.02
CNMG120412-KF	.039	.008	.098	.01	.004	.014
CNMG120412-KM	.118	.012	.236	.016	.006	.024
CNMG120412-KR	.138	.02	.276	.02	.01	.028
CNMG120412-MF	.031	.008	.098	.01	.006	.02
CNMG120412-MM	.118	.02	.224	.012	.004	.024
CNMG120412-MR	.118	.079	.299	.014	.006	.024
CNMG120412-PF	.031	.014	.059	.01	.006	.02

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut a_p = inch			Cutting feed f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CNMG120412-PM	.118	.031	.217	.014	.007	.024
CNMG120412-PR	.157	.039	.276	.016	.01	.028
CNMG120412-QM	.118	.039	.236	.014	.01	.024
CNMG120412-SF	.031	.016	.079	.007	.005	.012
CNMG120412-SM	.079	.012	.138	.011	.005	.015
CNMG120412-SMR	.079	.02	.157	.013	.005	.017
CNMG120412-WF	.059	.016	.157	.02	.008	.024
CNMG120412-WM	.138	.031	.236	.02	.008	.035
CNMG120412-WMX	.138	.031	.236	.02	.008	.03
CNMG120412-XM	.118	.028	.197	.012	.006	.018
CNMG120412-XMR	.118	.03	.236	.013	.007	.022
CNMG120416-KM	.118	.012	.236	.018	.008	.028
CNMG120416-KR	.138	.03	.276	.024	.011	.033
CNMG120416-MR	.118	.079	.299	.016	.006	.028
CNMG120416-PM	.118	.039	.217	.016	.009	.026
CNMG120416-PR	.157	.059	.276	.02	.013	.03
CNMG120416-QM	.118	.039	.236	.016	.012	.026
CNMG120416-SMR	.079	.02	.157	.014	.006	.018
CNMG120416-XMR	.138	.039	.236	.014	.008	.024
CNMG160604-QM	.118	.039	.315	.01	.007	.012
CNMG160608-KM	.157	.008	.315	.014	.006	.02
CNMG160608-MM	.157	.02	.283	.01	.004	.018
CNMG160608-PM	.157	.02	.283	.012	.006	.02
CNMG160608-PR	.197	.028	.315	.014	.008	.02
CNMG160608-QM	.118	.039	.315	.014	.008	.02
CNMG160608-SM	.118	.02	.315	.118	.007	.02
CNMG160608-WM	.138	.028	.256	.016	.008	.028
CNMG160608-WMX	.118	.02	.197	.018	.006	.028
CNMG160612-KM	.157	.012	.315	.016	.006	.024
CNMG160612-KR	.185	.031	.366	.022	.011	.03
CNMG160612-MM	.157	.02	.283	.012	.004	.024
CNMG160612-MR	.157	.079	.394	.014	.006	.024
CNMG160612-PM	.157	.031	.283	.014	.007	.024
CNMG160612-PR	.197	.039	.315	.016	.01	.028
CNMG160612-QM	.118	.039	.315	.014	.01	.024
CNMG160612-SM	.157	.039	.236	.01	.008	.014
CNMG160612-WM	.138	.028	.256	.016	.008	.028
CNMG160612-WMX	.138	.031	.236	.02	.008	.03
CNMG160612-XMR	.157	.039	.276	.016	.008	.026
CNMG160616-KM	.157	.012	.315	.018	.008	.028
CNMG160616-KR	.185	.039	.366	.024	.012	.033
CNMG160616-MM	.157	.02	.283	.015	.004	.026
CNMG160616-MR	.157	.079	.394	.016	.006	.028
CNMG160616-PM	.157	.039	.283	.016	.009	.026
CNMG160616-PR	.197	.059	.315	.02	.012	.031
CNMG160616-QM	.118	.039	.315	.014	.012	.022
CNMG160616-SM	.157	.039	.236	.012	.01	.016
CNMG160616-SMR	.157	.039	.236	.016	.012	.02
CNMG160616-XMR	.157	.039	.276	.018	.01	.028
CNMG160624-PR	.197	.079	.315	.02	.013	.035
CNMG190604-QM	.118	.039	.315	.01	.007	.012
CNMG190608-MM	.157	.02	.335	.01	.004	.018
CNMG190608-PM	.157	.02	.339	.012	.006	.02
CNMG190608-PR	.197	.028	.394	.014	.008	.02
CNMG190608-QM	.118	.039	.315	.014	.008	.02
CNMG190608-SM	.157	.02	.315	.012	.006	.02
CNMG190612-KM	.177	.012	.354	.016	.006	.024
CNMG190612-KR	.276	.039	.551	.022	.011	.03
CNMG190612-MM	.157	.02	.335	.012	.004	.024
CNMG190612-MR	.157	.079	.449	.014	.006	.024
CNMG190612-PM	.157	.031	.339	.014	.007	.024
CNMG190612-PR	.197	.039	.394	.016	.01	.028
CNMG190612-QM	.118	.039	.315	.014	.01	.024
CNMG190612-SM	.079	.02	.354	.012	.008	.02
CNMG190612-SMR	.236	.039	.354	.014	.01	.017
CNMG190612-XMR	.157	.039	.335	.018	.01	.028
CNMG190616-KM	.177	.012	.354	.018	.008	.028
CNMG190616-KR	.276	.059	.551	.024	.012	.033
CNMG190616-MM	.157	.02	.335	.015	.004	.026
CNMG190616-MR	.157	.079	.449	.016	.006	.028
CNMG190616-PM	.157	.039	.339	.016	.009	.026
CNMG190616-PR	.197	.059	.394	.02	.012	.031
CNMG190616-QM	.118	.039	.315	.016	.012	.026

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CNMG190616-SM	.236	.039	.354	.012	.01	.016
CNMG190616-SMR	.236	.039	.354	.016	.012	.02
CNMG190624-MR	.157	.079	.449	.02	.006	.039
CNMG190624-PR	.197	.079	.394	.02	.013	.035
CNMM120408-MR	.118	.028	.295	.014	.008	.022
CNMM120408-PR	.197	.028	.295	.016	.008	.022
CNMM120412-MR	.118	.039	.295	.016	.01	.028
CNMM120412-PR	.197	.039	.295	.02	.01	.028
CNMM120416-MR	.118	.059	.295	.02	.013	.035
CNMM120416-PR	.197	.059	.295	.022	.013	.035
CNMM160608-PR	.236	.028	.374	.016	.008	.022
CNMM160612-MR	.236	.047	.374	.018	.013	.026
CNMM160612-PR	.236	.039	.374	.02	.01	.028
CNMM160616-MR	.236	.059	.374	.02	.014	.031
CNMM160616-PR	.236	.059	.374	.022	.013	.035
CNMM190612-MR	.276	.059	.472	.02	.013	.028
CNMM190612-PR	.236	.039	.472	.02	.01	.028
CNMM190616-MR	.276	.071	.472	.022	.014	.035
CNMM190616-PR	.236	.059	.472	.022	.013	.035
CNMM190624-MR	.276	.098	.472	.024	.016	.047
CNMM190624-PR	.236	.079	.472	.022	.014	.047
CNMX1204A1-SM	.039	.02	.059	.01	.005	.014
CNMX1204A2-SM	.079	.02	.098	.01	.005	.014
DNGA110404S01020A	.004	.003	.016	.004	.002	.008
DNGA110404S01030A	.004	.003	.016	.004	.002	.008
DNGA110404S01525H	.004	.003	.008	.004	.002	.008
DNGA110404T01020B	.004	.003	.016	.004	.002	.008
DNGA110408S01020A	.006	.003	.031	.006	.002	.012
DNGA110408S01030A	.008	.003	.031	.006	.002	.012
DNGA110408S01525H	.008	.003	.016	.006	.002	.012
DNGA110408S02035A	.008	.003	.031	.006	.002	.012
DNGA110408T01020B	.006	.003	.031	.006	.002	.012
DNGA110412S01030A	.008	.003	.047	.008	.002	.012
DNGA110412S01525H	.008	.003	.024	.008	.002	.012
DNGA150404S01020A	.004	.003	.016	.004	.002	.008
DNGA150404S01030A	.004	.003	.016	.004	.002	.008
DNGA150404S01525	.004	.004	.02	.004	.002	.008
DNGA150404S01525H	.004	.003	.008	.004	.002	.008
DNGA150404S02035A	.008	.003	.016	.006	.002	.012
DNGA150408EA	.006	.003	.031	.004	.002	.008
DNGA150408S01020A	.004	.003	.031	.004	.002	.008
DNGA150408S01030A	.008	.003	.031	.006	.002	.012
DNGA150408S01030AWH	.004	.003	.031	.011	.002	.014
DNGA150408S01520HWH	.008	.003	.024	.013	.002	.016
DNGA150408S01525	.008	.004	.039	.004	.002	.012
DNGA150408S01525H	.008	.003	.024	.008	.002	.012
DNGA150408S01530B	.008	.004	.031	.006	.002	.012
DNGA150408S02030H	.008	.003	.008	.006	.002	.012
DNGA150408S02035A	.008	.003	.016	.006	.002	.012
DNGA150408S02035AWH	.004	.003	.031	.011	.002	.014
DNGA150408T01020	.059	.004	.177	.004	.003	.008
DNGA150408T01525	.008	.004	.039	.004	.002	.012
DNGA150408T02520	.177	.004	.295	.008	.006	.014
DNGA150412EA	.006	.003	.047	.004	.002	.008
DNGA150412S01030A	.008	.003	.047	.008	.002	.012
DNGA150412S01030AWH	.008	.003	.047	.013	.002	.016
DNGA150412S01520HWH	.008	.003	.024	.013	.002	.016
DNGA150412S01525	.012	.004	.059	.006	.002	.014
DNGA150412S01525H	.008	.003	.024	.008	.002	.012
DNGA150412S01530B	.008	.004	.031	.008	.002	.012
DNGA150412S02030H	.008	.003	.024	.008	.002	.012
DNGA150412S02035A	.008	.003	.047	.008	.002	.012
DNGA150412T01020	.059	.004	.177	.006	.003	.012
DNGA150412T02520	.177	.004	.295	.012	.006	.021
DNGA150416S01030A	.024	.003	.063	.02	.002	.028
DNGA150416S01525H	.008	.003	.031	.012	.002	.02
DNGA150416T01020	.059	.004	.177	.007	.003	.012
DNGA150604S01525	.004	.004	.02	.004	.002	.008
DNGA150608S01525	.008	.004	.039	.004	.002	.012
DNGA150608T01525	.008	.004	.039	.004	.002	.012
DNGA150612S01525	.012	.004	.059	.006	.002	.014
DNGG150401-SGF	.004	.002	.118	.001	0	.003
DNGG150402-SGF	.008	.003	.118	.002	.001	.004

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
DNGG150404-SGF	.012	.004	.118	.005	.002	.008
DNGG150408-SGF	.02	.008	.118	.006	.004	.01
DNGG150412-SGF	.031	.012	.118	.007	.004	.012
DNGG150604-SGF	.012	.004	.118	.005	.002	.008
DNGG150608-SGF	.02	.008	.118	.006	.004	.01
DNGG150612-SGF	.031	.012	.118	.007	.004	.012
DNGQ150708T02520	.177	.004	.295	.008	.006	.014
DNGQ150712T02520	.177	.004	.295	.012	.006	.021
DNGQ150716T02520	.177	.004	.295	.016	.006	.024
DNMA150408-KR	.118	.008	.236	.014	.006	.024
DNMA150412-KR	.118	.012	.236	.018	.008	.031
DNMA150608-KR	.118	.008	.236	.014	.006	.024
DNMA150612-KR	.118	.012	.236	.018	.008	.031
DNMA150616-KR	.118	.012	.236	.022	.008	.039
DNMG110404-KF	.02	.006	.079	.006	.003	.01
DNMG110404-MF	.016	.004	.059	.006	.002	.012
DNMG110404-PF	.016	.01	.059	.006	.003	.012
DNMG110404-PM	.079	.016	.197	.008	.004	.012
DNMG110404-QM	.118	.039	.217	.01	.007	.012
DNMG110404-SF	.016	.006	.059	.005	.003	.009
DNMG110404-SM	.039	.016	.157	.006	.004	.012
DNMG110408-KF	.02	.006	.079	.008	.004	.012
DNMG110408-KM	.079	.008	.138	.014	.006	.02
DNMG110408-MF	.016	.004	.059	.008	.004	.016
DNMG110408-MM	.079	.02	.173	.01	.004	.018
DNMG110408-PF	.016	.012	.059	.008	.004	.016
DNMG110408-PM	.079	.02	.197	.012	.006	.02
DNMG110408-QM	.118	.039	.217	.014	.008	.02
DNMG110408-SF	.02	.008	.059	.006	.004	.01
DNMG110412-KM	.079	.012	.138	.016	.006	.024
DNMG110412-MM	.079	.02	.173	.012	.004	.024
DNMG110412-PF	.031	.014	.059	.01	.006	.02
DNMG110412-PM	.079	.031	.197	.014	.007	.02
DNMG110412-QM	.118	.039	.217	.014	.01	.024
DNMG150404-KF	.02	.006	.079	.006	.003	.01
DNMG150404L-K	.098	.028	.197	.009	.006	.012
DNMG150404-MF	.016	.004	.059	.006	.002	.012
DNMG150404-PM	.118	.016	.236	.008	.004	.012
DNMG150404-QM	.118	.039	.295	.01	.007	.012
DNMG150404R-K	.098	.028	.197	.009	.006	.012
DNMG150404-SF	.016	.006	.059	.005	.003	.009
DNMG150404-SM	.059	.006	.079	.008	.004	.01
DNMG150404-XF	.03	.006	.157	.006	.002	.008
DNMG150404-XM	.098	.012	.197	.007	.003	.01
DNMG150408-KF	.02	.006	.079	.008	.004	.012
DNMG150408-KM	.098	.008	.197	.014	.006	.02
DNMG150408-KR	.138	.015	.276	.013	.007	.019
DNMG150408-MF	.016	.004	.059	.008	.004	.016
DNMG150408-MR	.118	.079	.236	.012	.006	.022
DNMG150408-PF	.016	.012	.059	.008	.004	.016
DNMG150408-PM	.118	.02	.236	.012	.006	.02
DNMG150408-PR	.157	.028	.236	.014	.008	.02
DNMG150408-QM	.118	.039	.295	.014	.008	.02
DNMG150408R-K	.118	.031	.197	.012	.006	.02
DNMG150408-SF	.02	.008	.059	.006	.004	.01
DNMG150408-SM	.079	.008	.098	.009	.004	.011
DNMG150408-SMR	.059	.006	.098	.008	.004	.01
DNMG150408-XF	.039	.008	.157	.008	.002	.01
DNMG150408-XM	.098	.02	.197	.01	.004	.016
DNMG150412-KM	.098	.012	.197	.016	.006	.024
DNMG150412-KR	.138	.02	.276	.018	.009	.025
DNMG150412-MF	.031	.008	.098	.01	.006	.02
DNMG150412-MR	.118	.079	.236	.014	.006	.024
DNMG150412-PF	.031	.014	.059	.01	.006	.02
DNMG150412-PM	.118	.031	.236	.014	.007	.024
DNMG150412-PR	.157	.039	.236	.016	.01	.028
DNMG150412-QM	.118	.039	.295	.014	.01	.024
DNMG150412-SM	.079	.012	.118	.01	.005	.012
DNMG150412-SMR	.079	.008	.118	.009	.004	.012
DNMG150416-MR	.118	.079	.236	.016	.006	.028
DNMG150416-PR	.157	.059	.236	.02	.012	.03
DNMG150604-KF	.02	.006	.079	.006	.003	.01
DNMG150604L-K	.098	.028	.197	.009	.006	.012

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
DNMG150604-MF	.016	.004	.059	.006	.002	.012
DNMG150604-PF	.016	.01	.059	.006	.003	.012
DNMG150604-PM	.118	.016	.236	.008	.004	.012
DNMG150604-QM	.118	.039	.295	.01	.007	.012
DNMG150604R-K	.098	.028	.197	.009	.006	.012
DNMG150604-SF	.016	.006	.059	.005	.003	.009
DNMG150604-SM	.059	.006	.079	.008	.004	.01
DNMG150604-XF	.03	.006	.157	.006	.002	.008
DNMG150604-XM	.098	.02	.197	.01	.004	.014
DNMG150608-KF	.02	.006	.079	.008	.004	.012
DNMG150608-KM	.098	.008	.197	.014	.006	.02
DNMG150608-KR	.138	.015	.276	.013	.007	.019
DNMG150608L-K	.118	.031	.197	.012	.006	.02
DNMG150608-MF	.016	.004	.059	.008	.004	.016
DNMG150608-MM	.118	.02	.252	.01	.004	.018
DNMG150608-MR	.118	.079	.236	.012	.006	.022
DNMG150608-PF	.016	.012	.059	.008	.004	.016
DNMG150608-PM	.118	.02	.236	.012	.006	.02
DNMG150608-PR	.157	.028	.236	.014	.008	.02
DNMG150608-QM	.118	.039	.295	.014	.008	.02
DNMG150608R-K	.118	.031	.197	.012	.006	.02
DNMG150608-SF	.02	.008	.059	.006	.004	.01
DNMG150608-SM	.079	.008	.098	.009	.004	.011
DNMG150608-SMR	.059	.006	.098	.008	.004	.01
DNMG150608-XF	.039	.008	.157	.008	.002	.01
DNMG150608-XM	.098	.02	.197	.01	.004	.016
DNMG150612-KF	.039	.008	.098	.01	.004	.014
DNMG150612-KM	.098	.012	.197	.016	.006	.024
DNMG150612-KR	.138	.02	.276	.018	.009	.025
DNMG150612-MF	.031	.008	.098	.01	.006	.02
DNMG150612-MM	.118	.02	.252	.012	.004	.024
DNMG150612-MR	.118	.079	.236	.014	.006	.024
DNMG150612-PF	.031	.014	.059	.01	.006	.02
DNMG150612-PM	.118	.031	.236	.014	.007	.024
DNMG150612-PR	.157	.039	.236	.016	.01	.028
DNMG150612-QM	.118	.039	.295	.014	.01	.024
DNMG150612-SF	.031	.016	.079	.007	.005	.012
DNMG150612-SM	.079	.012	.118	.01	.005	.012
DNMG150612-SMR	.079	.008	.118	.009	.004	.012
DNMG150612-XM	.118	.028	.197	.011	.006	.018
DNMG150612-XMR	.118	.03	.236	.012	.007	.02
DNMG150616-KR	.138	.03	.276	.02	.01	.027
DNMG150616-MR	.118	.079	.236	.016	.006	.028
DNMG150616-PM	.118	.039	.236	.016	.009	.026
DNMG150616-PR	.157	.059	.236	.02	.013	.03
DNMG150616-QM	.118	.039	.295	.016	.012	.026
DNMG150616-SMR	.079	.012	.118	.01	.005	.012
DNMG190608-PR	.197	.039	.315	.014	.008	.02
DNMG190612-PR	.197	.047	.315	.016	.01	.028
DNMM150608-MR	.118	.028	.236	.014	.008	.022
DNMM150608-PR	.197	.028	.236	.016	.008	.022
DNMM150612-MR	.118	.039	.236	.016	.01	.028
DNMM150612-PR	.197	.039	.236	.02	.01	.028
DNMM150616-PR	.197	.059	.236	.022	.013	.035
DNMX110404-WF	.039	.008	.059	.008	.003	.012
DNMX110408-WF	.039	.008	.118	.012	.004	.016
DNMX110408-WM	.059	.02	.138	.014	.006	.02
DNMX110412-WM	.079	.02	.157	.018	.006	.024
DNMX150408-WM	.079	.02	.177	.014	.006	.02
DNMX150408-WMX	.118	.02	.197	.018	.006	.028
DNMX150412-WM	.098	.02	.197	.018	.006	.024
DNMX150412-WMX	.138	.031	.236	.02	.008	.03
DNMX150416-WM	.138	.02	.236	.024	.008	.031
DNMX150416-WMX	.138	.02	.236	.02	.008	.031
DNMX150604-WF	.031	.008	.118	.008	.003	.012
DNMX150608-WF	.059	.008	.118	.012	.004	.016
DNMX150608-WMX	.118	.02	.197	.018	.006	.028
DNMX150612-WF	.059	.016	.138	.016	.006	.022
DNMX150612-WM	.098	.02	.197	.018	.006	.024
DNMX150612-WMX	.138	.031	.236	.02	.008	.03
DNMX150616-WM	.138	.02	.236	.024	.008	.031
DNMX150616-WMX	.138	.02	.236	.02	.008	.031
RCMX100300	.098	.039	.157	.006	.002	.013

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
RCMX100300E	.098	.039	.157	.006	.002	.013
RCMX120400	.118	.047	.189	.007	.003	.015
RCMX120400E	.118	.047	.189	.007	.003	.015
RCMX160600	.157	.063	.252	.01	.004	.02
RCMX200600	.197	.079	.315	.013	.005	.025
RNGA120400T01020	.071	.004	.142	.006	.004	.012
RNMG090300	.089	.035	.177	.006	.002	.011
RNMG090300	.089	.035	.177	.006	.002	.011
RNMG120400	.118	.047	.189	.007	.003	.015
RNMG120400	.118	.047	.189	.007	.003	.015
RNMG150600	.148	.059	.295	.009	.004	.018
RNMG190600	.167	.075	.299	.012	.005	.024
RNMG190600	.167	.075	.299	.012	.005	.024
RNMG190600-SM	.157	.079	.315	.018	.006	.02
SNGA090308S01030A	.008	.003	.031	.006	.002	.012
SNGA120408S01030A	.008	.003	.031	.006	.002	.012
SNGA120408S01525	.008	.004	.039	.004	.002	.012
SNGA120408T01020	.047	.004	.142	.004	.003	.008
SNGA120408T01020B	.006	.003	.031	.006	.002	.012
SNGA120408T01525	.008	.004	.039	.004	.002	.012
SNGA120408T02520	.118	.079	.157	.02	.012	.023
SNGA120412S01030A	.008	.003	.047	.008	.002	.012
SNGA120412S01525	.012	.004	.059	.006	.002	.014
SNGA120412S01525F	.008	.003	.024	.008	.002	.012
SNGA120412S02035A	.008	.003	.047	.006	.002	.012
SNGA120412S02035B	.008	.003	.047	.006	.002	.012
SNGA120412T01020	.047	.004	.142	.006	.003	.012
SNGA120412T01020B	.008	.003	.047	.008	.002	.016
SNGA120412T02520	.118	.079	.157	.02	.012	.024
SNGA120416T01020	.047	.004	.142	.008	.003	.012
SNGA120416T02520	.118	.079	.157	.02	.012	.024
SNGQ120708T02520	.142	.004	.236	.008	.006	.015
SNGQ120712T02520	.142	.004	.236	.012	.006	.022
SNGQ120716T02520	.142	.004	.236	.016	.006	.024
SNGX120712T02520	.142	.004	.236	.012	.006	.022
SNGX120716T02520	.142	.004	.236	.016	.006	.024
SNMA090308-KR	.098	.015	.177	.015	.008	.022
SNMA120408-KR	.157	.008	.315	.014	.006	.024
SNMA120412-KR	.157	.012	.315	.019	.008	.033
SNMA120416-KR	.157	.012	.315	.022	.008	.041
SNMA150612-KR	.197	.012	.394	.019	.008	.033
SNMA150616-KR	.197	.012	.394	.022	.008	.041
SNMA190608-KR	.236	.008	.472	.014	.006	.024
SNMA190612-KR	.236	.012	.472	.019	.008	.033
SNMA190616-KR	.236	.012	.472	.022	.008	.041
SNMG090304-PM	.079	.016	.177	.008	.004	.012
SNMG090304-QM	.118	.039	.177	.01	.007	.012
SNMG090308-KM	.098	.008	.177	.014	.006	.02
SNMG090308-PM	.079	.02	.177	.012	.006	.02
SNMG090308-QM	.118	.039	.177	.014	.008	.02
SNMG120404-MF	.016	.004	.059	.006	.002	.012
SNMG120404-PM	.118	.016	.236	.008	.004	.012
SNMG120404-QM	.118	.039	.236	.01	.007	.012
SNMG120404-SM	.059	.016	.157	.01	.006	.016
SNMG120408-KM	.118	.008	.236	.014	.006	.02
SNMG120408-KR	.138	.015	.276	.015	.008	.022
SNMG120408-MF	.016	.004	.059	.008	.004	.016
SNMG120408-MM	.118	.02	.25	.01	.004	.019
SNMG120408-MR	.118	.079	.299	.012	.006	.022
SNMG120408-PF	.016	.012	.059	.008	.004	.016
SNMG120408-PM	.118	.02	.236	.012	.006	.02
SNMG120408-PR	.157	.028	.276	.014	.008	.02
SNMG120408-QM	.118	.039	.236	.014	.008	.02
SNMG120408-SM	.079	.02	.197	.009	.006	.016
SNMG120408-SMR	.079	.02	.197	.01	.006	.016
SNMG120408-XM	.118	.02	.236	.012	.005	.02
SNMG120408-XMR	.118	.02	.236	.014	.006	.022
SNMG120412-KM	.118	.012	.236	.016	.006	.024
SNMG120412-KR	.138	.02	.276	.02	.011	.028
SNMG120412-MM	.118	.02	.25	.012	.004	.024
SNMG120412-MR	.118	.079	.299	.014	.006	.024
SNMG120412-PF	.031	.014	.059	.01	.006	.02
SNMG120412-PM	.118	.031	.236	.014	.007	.024

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
SNMG120412-PR	.157	.039	.276	.016	.01	.028
SNMG120412-QM	.118	.039	.236	.014	.01	.024
SNMG120412-SM	.079	.02	.197	.011	.007	.019
SNMG120412-SMR	.079	.02	.197	.012	.007	.019
SNMG120412-XMR	.118	.03	.236	.014	.007	.024
SNMG120416-KM	.118	.012	.236	.019	.008	.028
SNMG120416-KR	.138	.03	.276	.022	.011	.031
SNMG120416-MM	.118	.02	.25	.015	.004	.026
SNMG120416-PM	.118	.039	.236	.016	.009	.026
SNMG120416-PR	.157	.059	.276	.02	.013	.031
SNMG120416-QM	.118	.039	.236	.016	.012	.026
SNMG120416-SM	.079	.02	.197	.013	.007	.02
SNMG120416-SMR	.079	.02	.197	.014	.007	.02
SNMG150608-PR	.197	.059	.315	.014	.008	.02
SNMG150608-QM	.118	.039	.315	.014	.008	.02
SNMG150608-SM	.118	.02	.315	.012	.007	.02
SNMG150612-KM	.157	.012	.315	.016	.006	.024
SNMG150612-KR	.173	.025	.346	.022	.011	.031
SNMG150612-MM	.157	.02	.315	.012	.004	.024
SNMG150612-MR	.157	.079	.378	.014	.006	.024
SNMG150612-PM	.157	.031	.295	.014	.007	.024
SNMG150612-PR	.197	.039	.315	.016	.01	.028
SNMG150612-QM	.118	.039	.315	.014	.01	.024
SNMG150612-SM	.197	.039	.315	.012	.008	.016
SNMG150616-KM	.157	.012	.315	.019	.008	.028
SNMG150616-KR	.173	.037	.346	.025	.012	.035
SNMG150616-MM	.157	.02	.315	.015	.004	.026
SNMG150616-MR	.157	.079	.378	.016	.006	.028
SNMG150616-PM	.157	.039	.295	.016	.009	.026
SNMG150616-PR	.197	.059	.315	.02	.012	.033
SNMG150616-QM	.197	.059	.315	.02	.012	.033
SNMG150616-SM	.197	.039	.315	.014	.01	.019
SNMG150616-SMR	.197	.039	.315	.02	.012	.028
SNMG150624-PR	.197	.079	.315	.02	.013	.037
SNMG190608-PR	.197	.028	.394	.014	.008	.02
SNMG190608-QM	.197	.028	.394	.014	.008	.02
SNMG190612-KM	.177	.012	.354	.016	.006	.024
SNMG190612-MM	.157	.02	.374	.012	.004	.024
SNMG190612-MR	.157	.079	.449	.014	.006	.024
SNMG190612-PR	.197	.039	.394	.016	.01	.028
SNMG190612-QM	.197	.039	.394	.016	.01	.028
SNMG190612-SM	.079	.02	.354	.012	.008	.02
SNMG190612-SMR	.236	.039	.354	.014	.01	.017
SNMG190616-KM	.177	.012	.354	.019	.008	.028
SNMG190616-KR	.24	.052	.484	.025	.012	.035
SNMG190616-MM	.157	.02	.374	.015	.004	.026
SNMG190616-MR	.157	.079	.449	.016	.006	.028
SNMG190616-PR	.197	.059	.394	.02	.012	.033
SNMG190616-QM	.118	.039	.315	.016	.012	.026
SNMG190616-SM	.276	.079	.394	.014	.01	.019
SNMG190616-SMR	.276	.039	.394	.02	.012	.028
SNMG190624-MR	.157	.079	.449	.02	.006	.041
SNMG190624-PR	.197	.079	.394	.02	.013	.037
SNMM120408-MR	.118	.028	.295	.014	.008	.022
SNMM120408-PR	.197	.028	.295	.016	.008	.022
SNMM120412-MR	.118	.039	.295	.016	.01	.028
SNMM120412-PR	.197	.039	.295	.02	.01	.028
SNMM120416-MR	.118	.059	.295	.02	.013	.037
SNMM150612-MR	.157	.039	.354	.016	.01	.028
SNMM150612-PR	.236	.039	.354	.02	.01	.028
SNMM150616-MR	.157	.059	.354	.02	.013	.037
SNMM150616-PR	.236	.059	.354	.022	.013	.037
SNMM190612-MR	.276	.059	.472	.02	.013	.028
SNMM190612-PR	.236	.039	.472	.02	.01	.028
SNMM190616-MR	.276	.071	.472	.022	.014	.037
SNMM190616-PR	.236	.059	.472	.022	.013	.037
SNMM190624-MR	.276	.098	.472	.024	.016	.049
SNMM190624-PR	.236	.079	.472	.022	.014	.049
SNMM190632-MR	.157	.138	.472	.02	.016	.049
TNGA110304S01030A	.004	.003	.016	.004	.002	.008
TNGA110304T01020B	.004	.003	.016	.004	.002	.008
TNGA110308S01030A	.008	.003	.031	.006	.002	.012
TNGA110308T01020B	.006	.003	.031	.006	.002	.012

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
TNGA160404S01030A	.004	.003	.016	.004	.002	.008
TNGA160404S01525	.004	.004	.02	.004	.002	.008
TNGA160404S01525H	.004	.003	.008	.004	.002	.008
TNGA160404T01020B	.004	.003	.016	.004	.002	.008
TNGA160408S01030A	.008	.003	.031	.006	.002	.012
TNGA160408S01525	.008	.004	.039	.004	.002	.008
TNGA160408S01530B	.008	.004	.039	.006	.002	.012
TNGA160408S02035A	.008	.003	.031	.006	.002	.012
TNGA160408S02035B	.008	.003	.031	.006	.002	.012
TNGA160408T01020	.063	.004	.189	.004	.003	.008
TNGA160408T01020B	.006	.003	.031	.006	.002	.012
TNGA160408T01525	.008	.004	.039	.004	.002	.012
TNGA160408T02520	.118	.079	.157	.02	.012	.022
TNGA160412S01030A	.008	.003	.047	.008	.002	.012
TNGA160412S01525	.012	.004	.059	.006	.002	.014
TNGA160412S01525H	.008	.003	.024	.008	.002	.012
TNGA160412S02035A	.008	.003	.047	.006	.002	.012
TNGA160412T01020	.063	.004	.189	.006	.003	.012
TNGA160412T01020B	.008	.003	.024	.008	.002	.016
TNGA160412T02520	.118	.079	.157	.02	.012	.024
TNGA220408T01020	.087	.004	.26	.004	.003	.008
TNGA220412T01020	.087	.004	.26	.006	.003	.012
TNGA220416T01020	.087	.004	.26	.007	.003	.012
TNMA160404-KR	.098	.008	.197	.008	.004	.012
TNMA160408-KR	.138	.008	.276	.014	.006	.024
TNMA160412-KR	.138	.012	.276	.018	.008	.031
TNMA160416-KR	.138	.012	.276	.022	.008	.039
TNMA220404-KR	.098	.008	.394	.008	.004	.012
TNMA220408-KR	.197	.008	.394	.014	.006	.024
TNMA220412-KR	.197	.012	.394	.018	.008	.031
TNMA220416-KR	.197	.012	.394	.022	.008	.039
TNMA220432-KR	.197	.02	.394	.024	.02	.047
TNMG160404-KF	.02	.006	.079	.006	.003	.01
TNMG160404L-K	.098	.028	.197	.009	.006	.012
TNMG160404-MF	.016	.004	.059	.006	.002	.012
TNMG160404-PF	.016	.01	.059	.006	.003	.012
TNMG160404-PM	.118	.016	.197	.008	.004	.012
TNMG160404-QM	.079	.016	.157	.01	.007	.012
TNMG160404R-K	.098	.028	.197	.009	.006	.012
TNMG160404-SF	.016	.006	.059	.005	.003	.009
TNMG160404-SM	.039	.016	.157	.006	.004	.012
TNMG160404-XF	.03	.006	.157	.006	.002	.008
TNMG160404-XM	.098	.012	.197	.007	.003	.012
TNMG160408-KF	.02	.006	.079	.008	.004	.012
TNMG160408-KM	.118	.008	.217	.014	.006	.02
TNMG160408-KR	.126	.013	.244	.012	.007	.017
TNMG160408L-K	.118	.031	.197	.012	.006	.02
TNMG160408-MF	.016	.004	.059	.008	.004	.016
TNMG160408-MM	.118	.02	.189	.01	.004	.018
TNMG160408-MR	.118	.079	.22	.012	.006	.022
TNMG160408-PF	.016	.012	.059	.008	.004	.016
TNMG160408-PM	.118	.02	.197	.012	.006	.02
TNMG160408-PR	.118	.028	.236	.014	.008	.022
TNMG160408-QM	.118	.039	.22	.014	.008	.02
TNMG160408R-K	.118	.031	.197	.012	.006	.02
TNMG160408-SF	.02	.008	.059	.006	.004	.01
TNMG160408-SM	.079	.008	.118	.009	.004	.011
TNMG160408-XF	.039	.008	.157	.008	.002	.01
TNMG160408-XM	.098	.02	.197	.01	.004	.016
TNMG160408-XMR	.118	.02	.197	.011	.006	.018
TNMG160412-KM	.118	.012	.217	.016	.006	.024
TNMG160412-KR	.126	.018	.248	.016	.008	.022
TNMG160412-MM	.118	.02	.189	.012	.004	.024
TNMG160412-MR	.118	.079	.22	.014	.006	.024
TNMG160412-PF	.031	.014	.059	.01	.006	.02
TNMG160412-PM	.118	.031	.197	.014	.007	.024
TNMG160412-PR	.118	.039	.236	.016	.01	.026
TNMG160412-QM	.118	.039	.22	.014	.01	.024
TNMG160412-SF	.031	.016	.079	.007	.005	.012
TNMG160412-SM	.079	.012	.118	.01	.005	.012
TNMG160412-XM	.118	.028	.197	.012	.006	.018
TNMG160412-XMR	.118	.03	.197	.012	.007	.019
TNMG160416-KR	.126	.027	.244	.017	.009	.024

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
TNMG220404-PM	.157	.016	.26	.008	.004	.012
TNMG220404-QM	.118	.039	.303	.01	.007	.012
TNMG220408-KM	.157	.008	.315	.014	.006	.02
TNMG220408-KR	.138	.015	.276	.015	.007	.021
TNMG220408-MR	.157	.079	.303	.012	.006	.022
TNMG220408-PF	.016	.012	.059	.008	.004	.016
TNMG220408-PM	.157	.02	.26	.012	.006	.02
TNMG220408-PR	.157	.028	.276	.014	.008	.022
TNMG220408-QM	.118	.039	.303	.014	.008	.02
TNMG220408-SM	.079	.008	.157	.009	.004	.011
TNMG220412-KM	.157	.012	.315	.016	.006	.024
TNMG220412-KR	.138	.02	.276	.02	.01	.028
TNMG220412-MM	.157	.02	.26	.012	.004	.024
TNMG220412-MR	.157	.079	.303	.014	.006	.024
TNMG220412-PF	.031	.014	.059	.01	.006	.02
TNMG220412-PM	.157	.031	.26	.014	.007	.024
TNMG220412-PR	.157	.039	.276	.016	.01	.026
TNMG220412-QM	.118	.039	.303	.014	.01	.024
TNMG220412-SM	.079	.012	.157	.01	.005	.012
TNMG220416-KM	.157	.012	.315	.018	.008	.028
TNMG220416-MM	.157	.02	.26	.015	.004	.026
TNMG220416-MR	.157	.079	.303	.016	.006	.028
TNMG220416-PM	.157	.039	.26	.016	.009	.026
TNMG220416-PR	.157	.059	.276	.02	.013	.03
TNMG220416-QM	.118	.039	.303	.016	.012	.026
TNMM160408-MR	.118	.028	.295	.014	.008	.022
TNMM160408-PR	.157	.028	.236	.016	.008	.022
TNMM160412-PR	.157	.039	.236	.02	.01	.028
TNMM220408-MR	.118	.028	.315	.014	.008	.022
TNMM220408-PR	.197	.028	.315	.016	.008	.022
TNMM220412-MR	.118	.039	.315	.016	.01	.028
TNMM220412-PR	.197	.039	.315	.02	.01	.028
TNMM220416-MR	.118	.059	.315	.02	.013	.035
TNMM220416-PR	.197	.059	.315	.022	.013	.035
TNMX160404-WF	.039	.008	.118	.008	.003	.012
TNMX160408-WF	.059	.008	.118	.012	.004	.016
TNMX160408-WMX	.118	.02	.197	.018	.006	.028
TNMX160412-WM	.098	.02	.197	.016	.006	.024
TNMX160412-WMX	.138	.031	.236	.02	.008	.03
WNGA060404S01030A	.004	.003	.016	.004	.002	.008
WNGA060404S01030AWH	.004	.003	.016	.007	.002	.01
WNGA060404S01520HWH	.004	.003	.008	.007	.002	.01
WNGA060404S01525H	.004	.003	.008	.004	.002	.008
WNGA060404T01020B	.004	.003	.016	.004	.002	.008
WNGA060404T01020BWG	.004	.003	.016	.007	.002	.01
WNGA060404T01030AWH	.004	.003	.016	.007	.002	.01
WNGA060408S01030A	.008	.003	.031	.006	.002	.012
WNGA060408S01030AWH	.004	.002	.012	.011	.002	.014
WNGA060408S01520HWH	.004	.003	.008	.011	.002	.014
WNGA060408S01525H	.008	.003	.016	.006	.002	.012
WNGA060408T01020B	.006	.003	.031	.006	.002	.012
WNGA060408T01020BWG	.004	.003	.031	.011	.002	.014
WNGA060408T01030AWH	.004	.003	.031	.011	.002	.014
WNGA080404S01030A	.004	.002	.016	.004	.002	.008
WNGA080404S01030AWH	.004	.002	.012	.007	.002	.01
WNGA080404S01520HWH	.004	.003	.008	.007	.002	.01
WNGA080404S01525	.004	.004	.02	.004	.002	.008
WNGA080404S01525H	.004	.003	.008	.004	.002	.008
WNGA080404S01525WH	.008	.004	.02	.004	.002	.012
WNGA080404T01020B	.004	.003	.016	.004	.002	.008
WNGA080404T01020BWG	.004	.003	.016	.007	.002	.01
WNGA080404T01030AWH	.004	.003	.016	.007	.002	.01
WNGA080408S01030A	.008	.004	.03	.006	.002	.012
WNGA080408S01030AWH	.004	.002	.02	.011	.002	.014
WNGA080408S01520HWH	.004	.003	.016	.011	.002	.014
WNGA080408S01525	.008	.004	.039	.004	.002	.012
WNGA080408S01525H	.008	.003	.016	.006	.002	.012
WNGA080408S01525WH	.008	.004	.039	.006	.002	.014
WNGA080408S02035A	.008	.003	.031	.006	.002	.012
WNGA080408T01020B	.006	.003	.031	.006	.002	.012
WNGA080408T01020BWG	.004	.003	.031	.011	.002	.014
WNGA080408T01020WG	.142	.004	.236	.01	.006	.014
WNGA080408T01030AWH	.004	.003	.031	.011	.002	.014

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut a_p = inch			Cutting feed f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
WNGA080408T01525	.008	.004	.039	.004	.002	.012
WNGA080408T01525WH	.008	.004	.039	.006	.002	.014
WNGA080408T02520	.118	.004	.197	.008	.006	.014
WNGA080412S01030A	.008	.002	.035	.008	.002	.012
WNGA080412S01030AWH	.008	.002	.02	.013	.002	.016
WNGA080412S01520HWH	.008	.003	.024	.013	.002	.016
WNGA080412S01525H	.008	.003	.024	.008	.002	.012
WNGA080412T01020B	.008	.003	.047	.008	.002	.016
WNGA080412T01020WG	.142	.004	.236	.018	.006	.021
WNGA080412T01030AWH	.008	.003	.047	.013	.002	.016
WNGA080412T02520	.118	.004	.197	.012	.006	.021
WNGA080416T02520	.118	.004	.197	.016	.006	.024
VNGA160404S01020A	.004	.003	.016	.004	.002	.008
VNGA160404S01030A	.004	.003	.016	.008	.002	.012
VNGA160404S01525	.004	.004	.02	.004	.002	.008
VNGA160404S01525H	.004	.003	.008	.008	.002	.012
VNGA160408S01020A	.004	.003	.031	.006	.002	.012
VNGA160408S01030A	.004	.003	.031	.006	.002	.012
VNGA160408S01525	.008	.004	.039	.004	.002	.012
VNGA160408S01525H	.004	.003	.016	.006	.002	.012
VNGA160408S02035A	.008	.003	.031	.006	.002	.012
VNGA160408T01525	.008	.004	.039	.004	.002	.012
VNGA160412S01525	.012	.004	.059	.006	.002	.014
WNGG080401-SGF	.004	.002	.118	.001	0	.003
WNGG080402-SGF	.008	.003	.118	.002	.001	.004
WNGG080404-SGF	.012	.004	.118	.005	.002	.01
WNGG080408-SGF	.02	.008	.118	.006	.004	.012
WNGG080412-SGF	.031	.012	.118	.007	.004	.012
VNGG160401-SGF	.004	.002	.118	.001	0	.003
VNGG160402-SGF	.008	.003	.118	.002	.001	.004
VNGG160404-SGF	.012	.004	.118	.005	.002	.006
VNGG160408-SGF	.02	.008	.118	.006	.003	.008
VNGG160412-SGF	.031	.012	.118	.007	.004	.01
WNMA060408-KR	.098	.008	.157	.014	.006	.024
WNMA060412-KR	.098	.012	.157	.018	.008	.031
WNMA080408-KR	.118	.008	.197	.014	.006	.024
WNMA080412-KR	.118	.012	.197	.018	.008	.031
WNMA080416-KR	.118	.012	.197	.022	.008	.039
WNMG060404-KF	.02	.006	.079	.006	.003	.01
WNMG060404-MF	.016	.004	.059	.006	.002	.012
WNMG060404-PF	.016	.01	.059	.006	.003	.012
WNMG060404-SM	.039	.008	.098	.007	.004	.01
WNMG060404-WF	.016	.01	.079	.006	.002	.01
WNMG060404-XF	.03	.006	.118	.006	.002	.008
WNMG060408-KF	.02	.006	.079	.008	.004	.012
WNMG060408-KM	.079	.008	.157	.014	.006	.02
WNMG060408-KR	.087	.009	.177	.012	.007	.017
WNMG060408-MF	.016	.004	.059	.008	.004	.016
WNMG060408-MM	.079	.02	.118	.01	.004	.018
WNMG060408-MR	.079	.059	.118	.012	.006	.022
WNMG060408-PF	.016	.012	.059	.008	.004	.016
WNMG060408-PM	.079	.02	.118	.012	.006	.02
WNMG060408-PR	.118	.028	.138	.012	.008	.018
WNMG060408-QM	.118	.039	.118	.014	.008	.02
WNMG060408-SM	.059	.008	.098	.008	.004	.012
WNMG060408-WF	.039	.01	.118	.012	.004	.02
WNMG060408-WM	.059	.02	.138	.012	.006	.024
WNMG060408-WMX	.118	.02	.197	.018	.006	.028
WNMG060408-XF	.039	.008	.118	.008	.002	.01
WNMG060408-XM	.098	.02	.157	.01	.004	.014
WNMG060412-KM	.079	.012	.157	.016	.006	.024
WNMG060412-KR	.087	.013	.177	.016	.008	.022
WNMG060412-MM	.079	.02	.118	.012	.004	.024
WNMG060412-MR	.079	.059	.118	.014	.006	.024
WNMG060412-PF	.031	.016	.059	.01	.006	.02
WNMG060412-PM	.079	.031	.118	.014	.007	.024
WNMG060412-PR	.118	.031	.138	.014	.01	.022
WNMG060412-QM	.118	.039	.118	.014	.01	.024
WNMG060412-WM	.059	.031	.138	.02	.008	.035
WNMG060412-WMX	.138	.031	.236	.02	.008	.03
WNMG080404-KF	.02	.006	.079	.006	.003	.01
WNMG080404-MF	.016	.004	.059	.006	.002	.012
WNMG080404-PF	.016	.01	.059	.006	.003	.012

Insert	Depth of cut a_p = inch			Cutting feed f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
WNMG080404-QM	.118	.039	.157	.008	.007	.01
WNMG080404-SF	.016	.006	.059	.005	.003	.009
WNMG080404-SM	.059	.006	.098	.008	.004	.012
WNMG080404-WF	.016	.01	.118	.006	.002	.01
WNMG080404-XF	.03	.006	.157	.006	.002	.008
WNMG080408-KF	.02	.006	.079	.008	.004	.012
WNMG080408-KM	.098	.008	.197	.014	.006	.02
WNMG080408-KR	.106	.011	.217	.013	.007	.019
WNMG080408-MF	.016	.004	.059	.008	.004	.016
WNMG080408-MM	.098	.02	.157	.01	.004	.018
WNMG080408-MR	.098	.079	.157	.012	.006	.022
WNMG080408-PF	.016	.012	.059	.008	.004	.016
WNMG080408-PM	.098	.02	.157	.012	.006	.02
WNMG080408-PR	.157	.028	.197	.014	.008	.022
WNMG080408-QM	.118	.039	.157	.014	.008	.02
WNMG080408-SF	.02	.008	.059	.006	.004	.01
WNMG080408-SM	.079	.008	.118	.01	.004	.014
WNMG080408-SMR	.079	.02	.157	.012	.004	.016
WNMG080408-WF	.039	.01	.157	.012	.004	.02
WNMG080408-WM	.118	.02	.197	.012	.006	.024
WNMG080408-WMX	.118	.02	.197	.018	.006	.028
WNMG080408-XF	.039	.008	.157	.008	.002	.01
WNMG080408-XM	.098	.02	.197	.01	.004	.016
WNMG080412-KF	.039	.008	.098	.01	.004	.014
WNMG080412-KM	.098	.012	.197	.016	.006	.024
WNMG080412-KR	.106	.015	.217	.018	.009	.025
WNMG080412-MM	.098	.02	.157	.012	.004	.024
WNMG080412-MR	.098	.079	.157	.014	.006	.024
WNMG080412-PF	.031	.016	.059	.01	.006	.02
WNMG080412-PM	.098	.031	.157	.014	.007	.024
WNMG080412-PR	.157	.039	.197	.016	.01	.028
WNMG080412-QM	.118	.039	.157	.014	.01	.022
WNMG080412-SM	.079	.012	.138	.011	.005	.015
WNMG080412-SMR	.079	.02	.157	.013	.005	.017
WNMG080412-WF	.059	.016	.157	.02	.008	.024
WNMG080412-WM	.138	.031	.236	.02	.008	.035
WNMG080412-WMX	.138	.031	.236	.02	.008	.03
WNMG080412-XM	.118	.028	.197	.012	.006	.018
WNMG080412-XMR	.118	.03	.197	.013	.007	.019
WNMG080416-KM	.098	.012	.197	.018	.008	.028
WNMG080416-PM	.118	.039	.157	.016	.009	.026
WNMG080416-PR	.157	.059	.197	.02	.013	.03
WNMG080416-QM	.157	.059	.197	.018	.013	.024
VNMG160404-MF	.016	.004	.059	.006	.002	.012
VNMG160404-PF	.016	.01	.059	.006	.003	.012
VNMG160404-QM	.118	.039	.157	.01	.007	.012
VNMG160404-SF	.016	.006	.059	.005	.003	.008
VNMG160404-SM	.039	.006	.079	.007	.002	.008
VNMG160408-KM	.079	.008	.138	.012	.006	.016
VNMG160408-MF	.031	.008	.098	.006	.003	.012
VNMG160408-MM	.079	.02	.157	.01	.004	.018
VNMG160408-PF	.016	.012	.059	.008	.004	.016
VNMG160408-PM	.079	.02	.157	.012	.006	.02
VNMG160408-QM	.118	.039	.157	.014	.008	.02
VNMG160408-SF	.02	.008	.059	.006	.004	.009
VNMG160408-SM	.059	.008	.098	.008	.003	.009
VNMG160412-KM	.079	.012	.138	.014	.006	.02
VNMG160412-PM	.079	.031	.157	.014	.007	.024
VNMG160412-QM	.118	.039	.157	.014	.01	.02
VNMG160412-SF	.031	.016	.079	.007	.005	.01
VNMG160412-SM	.059	.012	.118	.009	.004	.01
CNMG190616-XMR	.157	.039	.335	.02	.01	.031
SNMG120416-XMR	.138	.039	.236	.016	.008	.026

Recommended depth of cut and cutting feed, inch

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CCET060201-UM	.012	.004	.028	.001	0	.002
CCET060202-UM	.016	.008	.028	.001	0	.002
CCET060204-UM	.028	.02	.039	.001	0	.002
CCGT060201-UM	.012	.004	.028	.001	0	.002
CCGT060202-UM	.02	.004	.041	.002	.001	.003
CCGT060204-UM	.039	.02	.055	.006	.003	.008
CCGT09T301-UM	.012	.004	.028	.001	0	.002
CCGT09T302-UM	.02	.004	.041	.002	.001	.003
CCGT09T304-UM	.049	.02	.083	.004	.003	.007
CCGT09T308-UM	.049	.02	.083	.006	.005	.01
CCGW060202S01020F	.003	.002	.004	.003	.001	.004
CCGW060202T01030F	.003	.002	.008	.003	.001	.004
CCGW060204S01020F	.004	.003	.008	.004	.002	.008
CCGW060204S01030F	.004	.003	.016	.004	.002	.008
CCGW060204S01520FWH	.004	.003	.008	.007	.002	.01
CCGW060204T01020F	.004	.003	.016	.004	.002	.008
CCGW060204T01030F	.004	.002	.016	.004	.002	.008
CCGW060204T01030FWH	.004	.003	.016	.007	.002	.01
CCGW060208S01020F	.008	.003	.016	.006	.002	.012
CCGW060208S01030F	.008	.003	.031	.006	.002	.012
CCGW060208S01520FWH	.008	.003	.016	.011	.002	.014
CCGW060208T01030F	.008	.003	.031	.006	.002	.012
CCGW060208T01030FWH	.008	.003	.031	.011	.002	.014
CCGW09T304S01020F	.004	.003	.008	.004	.002	.008
CCGW09T304S01520FWH	.004	.003	.008	.007	.002	.01
CCGW09T304S01530F	.004	.002	.02	.004	.002	.008
CCGW09T304S01530FWH	.004	.002	.012	.007	.002	.01
CCGW09T304S02030F	.004	.003	.008	.004	.002	.008
CCGW09T304T01020F	.004	.002	.02	.004	.002	.008
CCGW09T304T01020FWH	.004	.003	.016	.007	.002	.01
CCGW09T308S01020F	.008	.003	.016	.006	.002	.012
CCGW09T308S01520FWH	.008	.003	.016	.011	.002	.014
CCGW09T308S01530F	.008	.003	.031	.006	.002	.012
CCGW09T308S02030F	.008	.003	.016	.006	.002	.012
CCGW09T308T01020F	.008	.003	.031	.006	.002	.012
CCGW09T308T01020FWH	.008	.003	.031	.011	.002	.014
CCGW09T312S01020F	.008	.003	.024	.008	.002	.012
CCGW09T312S01520FWH	.008	.003	.024	.013	.002	.016
CCGX060202-AL	.039	.012	.118	.005	.002	.006
CCGX060204-AL	.039	.012	.118	.005	.002	.006
CCGX09T304-AL	.059	.02	.197	.008	.004	.012
CCGX09T308-AL	.059	.02	.197	.012	.006	.024
CCGX120404-AL	.059	.02	.276	.008	.004	.012
CCGX120408-AL	.059	.02	.276	.012	.006	.024
CCMT060202-KF	.012	.002	.067	.002	.001	.004
CCMT060202-MF	.012	.002	.067	.002	.001	.004
CCMT060202-PF	.012	.002	.067	.002	.002	.004
CCMT060202-UF	.016	.004	.059	.003	.002	.006
CCMT060202-WF	.012	.004	.059	.004	.001	.006
CCMT060204-KF	.012	.004	.067	.003	.002	.007
CCMT060204-KM	.025	.008	.094	.004	.002	.007
CCMT060204-MF	.012	.004	.067	.003	.002	.007
CCMT060204-MM	.025	.008	.094	.004	.002	.007
CCMT060204-PF	.012	.004	.067	.003	.002	.007
CCMT060204-PM	.025	.008	.094	.004	.002	.007
CCMT060204-UF	.016	.008	.059	.004	.002	.008
CCMT060204-UM	.039	.02	.098	.008	.003	.012
CCMT060204-UR	.059	.039	.098	.01	.006	.012
CCMT060204-WF	.031	.012	.079	.005	.002	.012
CCMT060208-KM	.025	.016	.094	.006	.003	.009
CCMT060208-KR	.063	.031	.126	.007	.004	.01
CCMT060208-MM	.025	.016	.094	.006	.003	.009
CCMT060208-MR	.063	.031	.126	.007	.004	.01
CCMT060208-PM	.025	.016	.094	.006	.003	.009
CCMT060208-PR	.063	.031	.126	.007	.004	.01
CCMT060208-UF	.016	.008	.059	.004	.002	.01
CCMT060208-UM	.039	.02	.098	.01	.005	.016
CCMT060208-WF	.031	.012	.079	.006	.004	.014
CCMT060208-WM	.047	.02	.098	.008	.004	.016
CCMT09T302-MF	.014	.003	.079	.003	.002	.006
CCMT09T302-PF	.014	.003	.079	.003	.002	.006
CCMT09T302-UF	.016	.004	.079	.003	.002	.006
CCMT09T302-WF	.012	.004	.059	.004	.001	.006

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CCMT09T304-KF	.014	.004	.079	.004	.002	.009
CCMT09T304-KM	.025	.01	.118	.006	.003	.009
CCMT09T304-MF	.014	.004	.079	.004	.002	.009
CCMT09T304-MM	.025	.01	.118	.006	.003	.009
CCMT09T304-PF	.014	.004	.079	.004	.002	.009
CCMT09T304-PM	.025	.01	.118	.006	.003	.009
CCMT09T304-UF	.016	.008	.079	.004	.002	.008
CCMT09T304-UM	.049	.02	.157	.008	.003	.012
CCMT09T304-UR	.079	.039	.157	.01	.006	.012
CCMT09T304-WF	.039	.012	.118	.008	.003	.012
CCMT09T304-WM	.059	.02	.157	.01	.005	.016
CCMT09T308-KF	.014	.006	.079	.006	.003	.012
CCMT09T308-KM	.031	.02	.118	.008	.004	.012
CCMT09T308-KR	.079	.039	.157	.01	.005	.014
CCMT09T308-MF	.014	.006	.079	.006	.003	.012
CCMT09T308-MM	.031	.02	.118	.008	.004	.012
CCMT09T308-MR	.079	.039	.157	.01	.005	.014
CCMT09T308-PF	.014	.006	.079	.006	.003	.012
CCMT09T308-PM	.031	.02	.118	.008	.004	.012
CCMT09T308-PR	.079	.039	.157	.01	.005	.014
CCMT09T308-UM	.049	.02	.157	.01	.005	.016
CCMT09T308-UR	.079	.039	.157	.012	.006	.02
CCMT09T308-WF	.039	.012	.118	.01	.005	.02
CCMT09T308-WM	.059	.028	.157	.012	.006	.02
CCMT09T312-KR	.079	.047	.157	.012	.006	.017
CCMT09T312-MR	.079	.047	.157	.012	.006	.017
CCMT09T312-PR	.079	.047	.157	.012	.006	.017
CCMT120404-KM	.038	.012	.142	.007	.004	.011
CCMT120404-MF	.017	.006	.094	.006	.003	.011
CCMT120404-MM	.038	.012	.142	.007	.004	.011
CCMT120404-PF	.017	.006	.094	.006	.003	.011
CCMT120404-PM	.038	.012	.142	.007	.004	.011
CCMT120404-WM	.079	.02	.157	.01	.006	.016
CCMT120408-KM	.038	.024	.142	.009	.005	.014
CCMT120408-KR	.094	.047	.189	.012	.006	.017
CCMT120408-MM	.038	.024	.142	.009	.005	.014
CCMT120408-MR	.094	.047	.189	.012	.006	.017
CCMT120408-PM	.038	.024	.142	.009	.005	.014
CCMT120408-PR	.094	.047	.189	.012	.006	.017
CCMT120408-UM	.059	.02	.157	.01	.005	.016
CCMT120408-UR	.098	.039	.157	.012	.006	.02
CCMT120412-KR	.094	.057	.189	.014	.007	.02
CCMT120412-MM	.038	.028	.142	.011	.006	.012
CCMT120412-MR	.094	.057	.189	.014	.007	.02
CCMT120412-PM	.038	.028	.142	.011	.006	.017
CCMT120412-PR	.094	.057	.189	.014	.007	.02
CCMT160508-UR	.118	.039	.197	.014	.006	.02
CCMW060204FP	.02	.004	.091	.004	.002	.008
CCMW09T304FP	.02	.004	.134	.004	.002	.008
CCMW09T308FP	.039	.004	.134	.006	.002	.016
DCET070200-UM	.012	.004	.157	.001	0	.002
DCET070201-UM	.02	.004	.157	.001	0	.002
DCET11T301-UM	.012	.004	.157	.001	0	.002
DCET11T302-UM	.012	.008	.157	.001	0	.002
DCET11T304-UM	.049	.02	.157	.002	.001	.004
DCGT070201-UM	.012	.004	.039	.001	0	.003
DCGT070202-UM	.02	.004	.059	.003	.001	.006
DCGT070204-UM	.039	.012	.098	.006	.003	.01
DCGT070208-UM	.039	.012	.098	.008	.005	.012
DCGT11T301-UM	.012	.004	.039	.001	0	.002
DCGT11T302-UM	.012	.004	.059	.001	0	.002
DCGT11T304-UM	.049	.012	.118	.006	.003	.01
DCGT11T308-UM	.049	.012	.118	.008	.005	.012
DCGW070202S01020F	.003	.002	.004	.003	.001	.004
DCGW070202T01030F	.003	.002	.008	.003	.001	.004
DCGW070204S01020F	.004	.003	.008	.004	.002	.008
DCGW070204S01030F	.004	.003	.016	.004	.002	.008
DCGW070204T01020F	.004	.003	.016	.004	.002	.008
DCGW070208S01030F	.008	.003	.031	.006	.002	.012
DCGW11T302T01020F	.003	.002	.008	.003	.002	.004
DCGW11T304S01020F	.004	.003	.008	.004	.002	.008
DCGW11T304S01020FWH	.004	.002	.016	.006	.002	.01
DCGW11T304S01520FWH	.004	.003	.008	.006	.002	.01

Recommended depth of cut and cutting feed, inch

CoroTurn® 107 insert for turning

Insert	Depth of cut a_p = inch			Cutting feed f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
DCGW11T304S01530F	.004	.003	.016	.004	.002	.008
DCGW11T304S02030F	.004	.003	.008	.004	.002	.008
DCGW11T304T01020F	.004	.003	.016	.004	.002	.008
DCGW11T308S01020F	.008	.003	.016	.006	.002	.012
DCGW11T308S01020FWH	.008	.003	.031	.008	.002	.012
DCGW11T308S01520FWH	.008	.003	.016	.008	.002	.012
DCGW11T308S01530F	.008	.003	.031	.006	.002	.012
DCGW11T308S02030F	.008	.003	.016	.006	.002	.012
DCGW11T308T01020F	.008	.003	.031	.006	.002	.012
DCGW11T312S01020F	.008	.003	.024	.008	.002	.012
DCGW11T312S01530F	.008	.003	.047	.006	.002	.012
DCGX070202-AL	.039	.012	.157	.005	.002	.006
DCGX070204-AL	.059	.02	.157	.008	.004	.012
DCGX11T302-AL	.039	.012	.217	.005	.002	.006
DCGX11T304-AL	.059	.02	.217	.008	.004	.012
DCGX11T308-AL	.059	.02	.217	.012	.006	.024
DCMT070202-KF	.01	.002	.059	.002	.001	.004
DCMT070202-MF	.01	.002	.059	.002	.001	.004
DCMT070202-PF	.01	.002	.059	.002	.002	.004
DCMT070202-UF	.016	.004	.059	.003	.002	.006
DCMT070204-KF	.01	.003	.059	.003	.002	.007
DCMT070204-KM	.024	.007	.089	.004	.002	.007
DCMT070204-MF	.01	.003	.059	.003	.002	.007
DCMT070204-MM	.024	.007	.089	.004	.002	.007
DCMT070204-PF	.01	.003	.059	.003	.002	.007
DCMT070204-PM	.024	.007	.089	.004	.002	.007
DCMT070204-UF	.016	.008	.059	.004	.002	.008
DCMT070204-UM	.039	.012	.098	.008	.002	.012
DCMT070204-UM	.039	.02	.098	.008	.003	.012
DCMT070208-KM	.024	.015	.089	.006	.003	.009
DCMT070208-MM	.024	.015	.089	.006	.003	.009
DCMT070208-PM	.024	.015	.089	.006	.003	.009
DCMT070208-UM	.039	.02	.098	.01	.005	.014
DCMT11T302-KF	.014	.003	.079	.003	.002	.006
DCMT11T302-MF	.014	.003	.079	.003	.002	.006
DCMT11T302-PF	.014	.003	.079	.003	.002	.006
DCMT11T304-KF	.014	.004	.079	.004	.002	.009
DCMT11T304-KM	.031	.01	.118	.006	.003	.009
DCMT11T304-MF	.014	.004	.079	.004	.002	.009
DCMT11T304-MM	.031	.01	.118	.006	.003	.009
DCMT11T304-PF	.014	.004	.079	.004	.002	.009
DCMT11T304-PM	.031	.01	.118	.006	.003	.009
DCMT11T304-UF	.016	.008	.079	.004	.002	.008
DCMT11T304-UM	.049	.02	.157	.008	.003	.012
DCMT11T304-UR	.079	.039	.157	.01	.006	.012
DCMT11T308-KF	.014	.006	.079	.006	.003	.012
DCMT11T308-KM	.031	.02	.118	.008	.004	.012
DCMT11T308-KR	.079	.039	.157	.01	.005	.014
DCMT11T308-MF	.014	.006	.079	.006	.003	.012
DCMT11T308-MM	.031	.02	.118	.008	.004	.012
DCMT11T308-MR	.079	.039	.157	.01	.005	.014
DCMT11T308-PF	.014	.006	.079	.006	.003	.012
DCMT11T308-PM	.031	.02	.118	.008	.004	.012
DCMT11T308-PR	.079	.039	.157	.01	.005	.014
DCMT11T308-UF	.016	.008	.079	.004	.002	.01
DCMT11T308-UM	.049	.02	.157	.01	.005	.016
DCMT11T308-UR	.079	.039	.157	.012	.006	.02
DCMT11T312-KM	.031	.024	.118	.009	.005	.014
DCMT11T312-KR	.079	.047	.157	.012	.006	.017
DCMT11T312-MM	.031	.024	.118	.009	.005	.014
DCMT11T312-MR	.079	.047	.157	.012	.006	.017
DCMT11T312-PM	.031	.024	.118	.009	.005	.014
DCMT11T312-PR	.079	.047	.157	.012	.006	.017
DCMT11T312-UR	.079	.039	.157	.012	.008	.02
DCMW11T304FP	.02	.004	.13	.004	.002	.008
DCMW11T308FP	.039	.004	.118	.006	.002	.016
DCMX070202-WF	.012	.004	.059	.004	.001	.006
DCMX070204-WF	.028	.012	.079	.005	.002	.01
DCMX070208-WF	.028	.012	.079	.006	.004	.014
DCMX11T302-WF	.012	.004	.059	.004	.001	.006
DCMX11T304-WF	.039	.012	.118	.008	.003	.012
DCMX11T304-WM	.059	.02	.157	.01	.005	.016
DCMX11T308-WF	.039	.012	.118	.01	.005	.016

Insert	Depth of cut a_p = inch			Cutting feed f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
DCMX11T308-WM	.059	.02	.157	.012	.006	.02
RCGX0602M0-AL	.039	.024	.094	.009	.005	.015
RCGX0803M0-AL	.059	.031	.126	.014	.006	.021
RCGX10T3M0-AL	.079	.039	.157	.014	.006	.025
RCGX1204M0-AL	.098	.047	.189	.018	.007	.031
RCMT0502M0	.039	.02	.079	.004	.002	.006
RCMT0602M0	.059	.02	.094	.006	.002	.007
RCMT060300	.059	.02	.094	.006	.002	.007
RCMT060300-SM	.031	.01	.063	.003	.003	.002
RCMT0803M0	.079	.031	.126	.008	.002	.01
RCMT0803M0-SM	.039	.013	.079	.003	.003	.002
RCMT09T300	.098	.039	.157	.01	.002	.013
RCMT09T300-M0	.098	.039	.157	.01	.002	.013
RCMT09T300-SM	.059	.016	.098	.004	.004	.003
RCMT10T3M0	.098	.039	.157	.01	.002	.013
RCMT10T3M0-SM	.059	.016	.098	.004	.004	.003
RCMT120400	.118	.047	.189	.012	.003	.015
RCMT120400	.118	.047	.189	.012	.003	.015
RCMT120400-M0	.118	.047	.189	.011	.003	.015
RCMT120400-SM	.079	.02	.118	.006	.004	.004
RCMT1204M0	.118	.047	.189	.012	.003	.015
RCMT1204M0-SM	.079	.02	.118	.005	.004	.004
RCMT1606M0	.138	.063	.252	.015	.004	.02
RCMT1606M0-SM	.098	.026	.157	.006	.006	.005
RCMT190600	.157	.079	.315	.018	.005	.025
RCMT2006M0	.157	.079	.315	.018	.005	.025
SCGW09T304S01030F	.004	.003	.016	.004	.002	.008
SCGW09T304T01020F	.004	.003	.016	.004	.002	.008
SCGW09T308S01030F	.008	.003	.031	.006	.002	.012
SCGW09T308S01530F	.004	.003	.031	.004	.002	.008
SCGW09T308T01020F	.004	.003	.031	.004	.002	.008
SCGX09T308-AL	.059	.02	.197	.012	.006	.024
SCMT09T304-KM	.031	.01	.118	.006	.003	.009
SCMT09T304-MF	.014	.004	.079	.004	.002	.009
SCMT09T304-MM	.031	.01	.118	.006	.003	.009
SCMT09T304-PF	.014	.004	.079	.004	.002	.009
SCMT09T304-PM	.031	.01	.118	.006	.003	.009
SCMT09T308-KM	.031	.02	.118	.008	.004	.012
SCMT09T308-KR	.079	.039	.157	.01	.005	.014
SCMT09T308-MF	.014	.006	.079	.006	.003	.012
SCMT09T308-MM	.031	.02	.118	.008	.004	.012
SCMT09T308-MR	.079	.039	.157	.01	.005	.014
SCMT09T308-PF	.014	.006	.079	.006	.003	.012
SCMT09T308-PM	.031	.02	.118	.008	.004	.012
SCMT09T308-PR	.079	.039	.157	.01	.005	.014
SCMT09T308-UF	.016	.008	.079	.004	.002	.01
SCMT09T308-UM	.049	.02	.157	.01	.005	.016
SCMT09T308-UR	.079	.039	.157	.012	.006	.02
SCMT09T312-KR	.079	.047	.157	.012	.006	.017
SCMT09T312-MR	.079	.047	.157	.012	.006	.017
SCMT09T312-PR	.079	.047	.157	.012	.006	.017
SCMT120404-MM	.038	.012	.142	.007	.004	.011
SCMT120404-PM	.038	.012	.142	.007	.004	.011
SCMT120404-UR	.098	.039	.197	.01	.006	.012
SCMT120408-KM	.038	.024	.142	.01	.005	.015
SCMT120408-KR	.094	.047	.189	.012	.006	.017
SCMT120408-MM	.038	.024	.142	.01	.005	.015
SCMT120408-MR	.094	.047	.189	.012	.006	.017
SCMT120408-PM	.038	.024	.142	.01	.005	.015
SCMT120408-PR	.094	.047	.189	.012	.006	.017
SCMT120408-UM	.059	.02	.157	.01	.005	.016
SCMT120408-UR	.098	.039	.157	.012	.006	.02
SCMT120412-KR	.094	.057	.189	.015	.007	.02
SCMT120412-MM	.038	.028	.142	.012	.006	.018
SCMT120412-MR	.094	.057	.189	.015	.007	.02
SCMT120412-PM	.038	.028	.142	.012	.006	.018
SCMT120412-PR	.094	.057	.189	.015	.007	.02
SCMT120412-UM	.059	.02	.157	.01	.006	.016
TCEX050100L-F	.006	.002	.031	.002	0	.002
TCEX050100R-F	.006	.002	.031	.002	.001	.002
TCEX050101L-F	.006	.002	.031	.002	0	.003
TCEX050101R-F	.006	.002	.031	.002	.001	.004
TCEX06T100L-F	.008	.002	.039	.002	0	.003

Recommended depth of cut and cutting feed, inch

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
TCEX06T100R-F	.02	.002	.059	.002	0	.003
TCEX06T101L-F	.008	.002	.039	.003	0	.005
TCEX06T101R-F	.003	.002	.059	.003	0	.005
TCEX06T102L-F	.008	.002	.039	.003	.001	.006
TCEX090200L-F	.012	.002	.047	.002	0	.003
TCEX090200R-F	.016	.002	.055	.002	0	.003
TCEX090201L-F	.016	.002	.047	.002	.001	.003
TCEX090201R-F	.024	.002	.079	.003	.001	.004
TCEX090202L-F	.016	.002	.047	.003	.001	.005
TCEX110300L-F	.02	.002	.059	.002	0	.003
TCEX110300R-F	.031	.002	.157	.003	0	.004
TCEX110301L-F	.024	.002	.067	.002	.001	.004
TCEX110301R-F	.031	.002	.157	.003	.001	.006
TCEX110302L-F	.028	.002	.079	.003	.001	.005
TCGT06T102L-K	.012	.004	.028	.002	.001	.004
TCGT06T102R-K	.012	.004	.039	.002	.001	.006
TCGT06T104L-K	.02	.006	.028	.002	.001	.006
TCGT06T104R-K	.02	.006	.039	.003	.001	.008
TCGT090202L-K	.012	.004	.033	.002	.001	.004
TCGT090202R-K	.012	.004	.047	.002	.001	.006
TCGT090204L-K	.02	.006	.033	.003	.001	.006
TCGT090204R-K	.02	.006	.047	.004	.001	.008
TCGT090204-UM	.039	.02	.089	.008	.003	.01
TCGT110201-UM	.012	.004	.039	.001	0	.002
TCGT110202L-K	.012	.004	.041	.002	.001	.004
TCGT110204L-K	.02	.006	.041	.003	.001	.007
TCGT110204R-K	.02	.006	.059	.004	.001	.01
TCGT110204-UM	.049	.012	.098	.006	.003	.01
TCGT110208-UM	.049	.012	.098	.008	.005	.012
TCGT110301-UM	.012	.004	.039	.001	0	.002
TCGT110302L-K	.012	.004	.041	.002	.001	.004
TCGT110302R-K	.012	.004	.059	.002	.001	.006
TCGT110302-UM	.012	.004	.059	.003	.001	.005
TCGT110304L-K	.02	.006	.041	.003	.001	.007
TCGT110304R-K	.02	.006	.059	.004	.001	.01
TCGT110304-UM	.049	.012	.098	.006	.003	.01
TCGT110308-UM	.049	.012	.098	.008	.005	.012
TCGT16T304-UM	.059	.02	.11	.004	.003	.007
TCGT16T308-UM	.059	.02	.11	.006	.005	.01
TCGW06T102S01020E	.003	.002	.004	.003	.001	.004
TCGW06T102T01020E	.003	.002	.008	.003	.001	.004
TCGW06T104S01020E	.004	.003	.008	.004	.002	.008
TCGW06T104S01020E	.004	.003	.008	.004	.002	.008
TCGW090204S01020F	.004	.003	.008	.004	.002	.008
TCGW090204S01030F	.004	.003	.016	.004	.002	.008
TCGW090204S01530F	.004	.003	.016	.004	.002	.008
TCGW110202T01020F	.003	.002	.008	.003	.002	.004
TCGW110204S01020F	.004	.003	.016	.004	.002	.008
TCGW110204S01530F	.004	.003	.016	.004	.002	.008
TCGW110204T01020F	.004	.003	.016	.004	.002	.008
TCGW110208S01020F	.008	.003	.031	.006	.002	.012
TCGW110208S01530F	.008	.003	.031	.006	.002	.012
TCGW110304S01020F	.004	.003	.008	.004	.002	.008
TCGW110304S01530F	.004	.003	.016	.004	.002	.008
TCGW110304T01020F	.004	.003	.016	.004	.002	.008
TCGW110308S01020F	.008	.003	.016	.006	.002	.012
TCGW110308S01530F	.008	.003	.031	.006	.002	.012
TCGW110308T01020F	.008	.003	.031	.006	.002	.012
TCGX06T104-AL	.039	.02	.079	.008	.004	.012
TCGX06T104L-WK	.02	.006	.039	.006	.001	.01
TCGX06T104R-WK	.02	.006	.039	.006	.001	.01
TCGX090202-AL	.039	.012	.157	.005	.002	.006
TCGX090204-AL	.059	.02	.157	.008	.004	.012
TCGX090204L-WK	.02	.006	.047	.008	.002	.011
TCGX090204R-WK	.02	.006	.047	.008	.002	.011
TCGX110202-AL	.039	.012	.197	.005	.002	.006
TCGX110204-AL	.059	.02	.197	.008	.004	.012
TCGX110204L-WK	.02	.006	.059	.008	.002	.012
TCGX110204R-WK	.02	.006	.059	.008	.002	.012
TCGX110208-AL	.059	.02	.197	.012	.006	.024
TCGX110302-AL	.039	.012	.197	.005	.002	.006
TCGX110304-AL	.059	.02	.197	.008	.004	.012
TCGX110304L-WK	.02	.006	.059	.008	.002	.012

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
TCGX110304R-WK	.02	.006	.059	.008	.002	.012
TCGX110308-AL	.059	.02	.197	.012	.006	.024
TCGX16T304-AL	.059	.02	.276	.008	.004	.012
TCGX16T308-AL	.059	.02	.276	.012	.006	.024
TCMT06T102-KF	.01	.002	.059	.002	.002	.004
TCMT06T102-KF	.01	.002	.059	.002	.001	.004
TCMT06T102-MF	.01	.002	.059	.002	.001	.004
TCMT06T102-PF	.01	.002	.059	.002	.002	.004
TCMT06T102-UF	.016	.008	.059	.003	.002	.006
TCMT06T104-KF	.01	.003	.059	.003	.002	.007
TCMT06T104-MF	.01	.003	.059	.003	.002	.007
TCMT06T104-PF	.01	.003	.059	.003	.002	.007
TCMT06T104-UF	.016	.008	.059	.004	.002	.008
TCMT06T108-KF	.01	.004	.059	.004	.002	.009
TCMT06T108-MF	.01	.004	.059	.004	.002	.009
TCMT06T108-PF	.01	.004	.059	.004	.002	.009
TCMT090202-KF	.012	.002	.067	.002	.002	.005
TCMT090202-KF	.012	.002	.067	.002	.001	.005
TCMT090202-MF	.012	.002	.067	.002	.001	.005
TCMT090202-PF	.012	.002	.067	.002	.002	.005
TCMT090204-KF	.012	.004	.067	.004	.002	.007
TCMT090204-KM	.024	.007	.089	.004	.002	.007
TCMT090204-MF	.012	.004	.067	.004	.002	.007
TCMT090204-MM	.024	.007	.089	.004	.002	.007
TCMT090204-PF	.012	.004	.067	.004	.002	.007
TCMT090204-PM	.024	.007	.089	.004	.002	.007
TCMT090204-UF	.016	.008	.059	.004	.002	.008
TCMT090204-UM	.039	.012	.098	.008	.002	.012
TCMT090204-UM	.039	.02	.098	.008	.003	.012
TCMT090208-KM	.024	.015	.089	.006	.003	.009
TCMT090208-MM	.024	.015	.089	.006	.003	.009
TCMT090208-PM	.024	.015	.089	.006	.003	.009
TCMT090208-UF	.016	.008	.059	.004	.002	.01
TCMT090208-UM	.039	.02	.098	.01	.005	.016
TCMT110202-UF	.016	.008	.079	.003	.002	.006
TCMT110204-UF	.016	.008	.079	.004	.002	.008
TCMT110204-UM	.049	.02	.118	.008	.003	.012
TCMT110204-UR	.079	.039	.118	.01	.006	.012
TCMT110208-UF	.016	.008	.079	.004	.002	.01
TCMT110208-UM	.049	.02	.118	.01	.005	.016
TCMT110208-UR	.079	.039	.118	.012	.006	.016
TCMT110302-KF	.012	.002	.067	.002	.002	.005
TCMT110302-MF	.012	.002	.067	.002	.001	.005
TCMT110302-PF	.012	.002	.067	.002	.002	.005
TCMT110304-KF	.012	.004	.067	.004	.002	.007
TCMT110304-KM	.026	.008	.098	.005	.002	.007
TCMT110304-MF	.012	.004	.067	.004	.002	.007
TCMT110304-MM	.026	.008	.098	.005	.002	.007
TCMT110304-PF	.012	.004	.067	.004	.002	.007
TCMT110304-PM	.026	.008	.098	.005	.002	.007
TCMT110308-KF	.012	.005	.067	.005	.003	.01
TCMT110308-KM	.026	.017	.098	.007	.004	.01
TCMT110308-KR	.059	.03	.118	.008	.004	.012
TCMT110308-KR	.059	.03	.118	.008	.004	.012
TCMT110308-MF	.012	.005	.067	.005	.003	.01
TCMT110308-MM	.026	.017	.098	.007	.004	.01
TCMT110308-MR	.059	.03	.118	.008	.004	.012
TCMT110308-PF	.012	.005	.067	.005	.003	.01
TCMT110308-PM	.026	.017	.098	.007	.004	.01
TCMT110308-PR	.059	.03	.118	.008	.004	.012
TCMT110312-KM	.026	.02	.098	.008	.004	.012
TCMT110312-KR	.059	.035	.118	.01	.005	.014
TCMT110312-PM	.026	.02	.098	.008	.004	.012
TCMT16T304-KF	.014	.004	.079	.004	.002	.009
TCMT16T304-KM	.031	.01	.118	.006	.003	.009
TCMT16T304-MF	.014	.004	.079	.004	.002	.009
TCMT16T304-MM	.031	.01	.118	.006	.003	.009
TCMT16T304-PF	.014	.004	.079	.004	.002	.009
TCMT16T304-PM	.031	.01	.118	.006	.003	.009
TCMT16T304-UM	.059	.02	.157	.008	.003	.012
TCMT16T304-UR	.098	.039	.157	.01	.006	.012
TCMT16T308-KM	.031	.02	.118	.008	.004	.012
TCMT16T308-KR	.079	.039	.157	.01	.005	.014

Recommended depth of cut and cutting feed, inch

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
TCMT16T308-MM	.031	.02	.118	.008	.004	.012
TCMT16T308-MR	.079	.039	.157	.01	.005	.014
TCMT16T308-PM	.031	.02	.118	.008	.004	.012
TCMT16T308-PR	.079	.039	.157	.01	.005	.014
TCMT16T308-UF	.016	.008	.079	.004	.002	.01
TCMT16T308-UM	.059	.02	.157	.01	.005	.016
TCMT16T308-UR	.098	.039	.157	.012	.006	.02
TCMT16T312-KM	.031	.024	.118	.009	.005	.014
TCMT16T312-KR	.079	.047	.157	.012	.006	.017
TCMT16T312-MM	.031	.024	.118	.009	.005	.014
TCMT16T312-MR	.079	.047	.157	.012	.006	.017
TCMT16T312-PM	.031	.024	.118	.009	.005	.014
TCMT16T312-PR	.079	.047	.157	.012	.006	.017
TCMT16T312-UR	.098	.039	.157	.012	.008	.02
TCMT220408-KM	.038	.024	.142	.009	.005	.014
TCMT220408-KR	.094	.047	.189	.012	.006	.017
TCMT220408-MM	.038	.024	.142	.009	.005	.014
TCMT220408-MR	.094	.047	.189	.012	.006	.017
TCMT220408-PM	.038	.024	.142	.009	.005	.014
TCMT220408-PR	.094	.047	.189	.012	.006	.017
TCMT220412-KR	.094	.057	.189	.014	.007	.02
TCMT220412-MR	.094	.057	.189	.014	.007	.02
TCMT220412-PR	.094	.057	.189	.014	.007	.02
TCMW090204FP	.02	.004	.087	.004	.002	.008
TCMW110204FP	.02	.004	.087	.004	.002	.008
TCMW110208FP	.039	.004	.075	.006	.002	.016
TCMW110304FP	.02	.004	.087	.004	.002	.008
TCMW110308FP	.039	.004	.075	.006	.002	.016
TCMW16T304FLP	.02	.004	.276	.004	.002	.008
TCMW16T304FP	.02	.004	.134	.004	.002	.008
TCMW16T304FRP	.02	.004	.276	.004	.002	.008
TCMW16T308FP	.039	.004	.122	.006	.002	.016
TCMX090202-WF	.012	.004	.059	.004	.001	.006
TCMX090204-WF	.028	.012	.079	.005	.002	.012
TCMX090208-WF	.028	.012	.079	.01	.004	.014
TCMX110302-WF	.012	.004	.059	.004	.001	.006
TCMX110304-WF	.039	.012	.098	.008	.003	.012
TCMX110308-WF	.039	.012	.098	.01	.005	.016
TCMX110308-WM	.047	.02	.118	.012	.006	.02
TCMX16T304-WF	.047	.012	.138	.008	.003	.014
TCMX16T308-WF	.047	.012	.138	.01	.005	.02
TCMX16T308-WM	.059	.02	.157	.012	.006	.02
VBGT160401-UM	.012	.004	.039	.001	0	.003
VBGT160402-UM	.02	.004	.059	.003	.001	.006
VBGT160404-UM	.049	.012	.157	.008	.003	.012
VBGT160408-UM	.049	.012	.157	.01	.005	.012
VBGW110302S01020F	.003	.002	.004	.003	.001	.004
VBGW110302T01020F	.003	.002	.008	.003	.001	.004
VBGW110304S01020F	.004	.003	.008	.004	.002	.008
VBGW160404S01020F	.004	.003	.008	.004	.002	.008
VBGW160404S01030F	.004	.003	.016	.004	.002	.008
VBGW160404S01530F	.004	.003	.016	.004	.002	.008
VBGW160404T01020F	.004	.003	.016	.004	.002	.008
VBGW160408S01020F	.008	.003	.016	.006	.002	.012
VBGW160408S01530F	.008	.003	.031	.006	.002	.012
VBGW160408T01020F	.008	.003	.031	.006	.002	.012
VBMT110202-UF	.016	.008	.059	.003	.002	.006
VBMT110204-UF	.016	.008	.059	.004	.002	.008
VBMT110208-UF	.016	.008	.059	.004	.002	.01
VBMT110302-KF	.012	.002	.067	.002	.001	.005
VBMT110302-MF	.012	.002	.067	.002	.001	.005
VBMT110302-PF	.012	.002	.067	.002	.002	.005
VBMT110304-KF	.012	.004	.067	.004	.002	.007
VBMT110304-MF	.012	.004	.067	.004	.002	.007
VBMT110304-PF	.012	.004	.067	.004	.002	.007
VBMT110308-KF	.012	.005	.067	.005	.003	.01
VBMT110308-MF	.012	.005	.067	.005	.003	.01
VBMT110308-PF	.012	.005	.067	.005	.003	.01
VBMT110312-PF	.012	.005	.067	.006	.003	.012
VBMT160402-KF	.013	.003	.071	.003	.002	.006
VBMT160402-MF	.013	.003	.071	.003	.002	.006
VBMT160402-PF	.013	.003	.071	.003	.002	.006
VBMT160404-KF	.013	.004	.071	.004	.002	.008

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
VBMT160404-KM	.028	.009	.106	.006	.003	.008
VBMT160404-MF	.013	.004	.071	.004	.002	.008
VBMT160404-MM	.028	.009	.106	.006	.003	.008
VBMT160404-PF	.013	.004	.071	.004	.002	.008
VBMT160404-PM	.028	.009	.106	.006	.003	.008
VBMT160404-UM	.049	.02	.157	.008	.003	.012
VBMT160404-UR	.079	.039	.157	.01	.006	.012
VBMT160408-KF	.013	.006	.071	.006	.003	.011
VBMT160408-KM	.028	.018	.106	.007	.004	.011
VBMT160408-KR	.071	.035	.142	.009	.004	.013
VBMT160408-MF	.013	.006	.071	.006	.003	.011
VBMT160408-MM	.028	.018	.106	.007	.004	.011
VBMT160408-MR	.071	.035	.142	.009	.004	.013
VBMT160408-PF	.013	.006	.071	.006	.003	.011
VBMT160408-PM	.028	.018	.106	.007	.004	.011
VBMT160408-PR	.071	.035	.142	.009	.004	.013
VBMT160408-UM	.049	.02	.157	.01	.005	.016
VBMT160408-UR	.079	.039	.157	.012	.006	.02
VBMT160412-KM	.028	.021	.106	.009	.004	.013
VBMT160412-KR	.071	.043	.142	.011	.005	.015
VBMT160412-MF	.013	.006	.071	.006	.004	.013
VBMT160412-MM	.028	.021	.106	.009	.004	.013
VBMT160412-MR	.071	.043	.142	.011	.005	.015
VBMT160412-PF	.013	.006	.071	.006	.004	.013
VBMT160412-PM	.028	.021	.106	.009	.004	.013
VBMT160412-PR	.071	.043	.142	.011	.005	.015
VBMT160412-UM	.049	.02	.157	.01	.004	.016
VBMT160412-UR	.079	.039	.157	.012	.008	.02
VCET110301-UM	.012	.004	.157	.001	0	.002
VCET110302-UM	.02	.008	.157	.001	.001	.003
VCEX110300L-F	.039	.001	.118	.002	0	.006
VCEX110300R-F	.039	.001	.157	.002	0	.008
VCEX110301L-F	.039	.002	.118	.003	0	.008
VCEX110301R-F	.039	.002	.157	.004	0	.012
VCGT110301-UM	.012	.004	.039	.001	0	.003
VCGT110302-UM	.02	.004	.059	.003	.001	.006
VCGT110304-UM	.049	.012	.118	.006	.003	.01
VCGX110202-AL	.039	.012	.118	.005	.002	.006
VCGX110204-AL	.059	.02	.118	.008	.004	.012
VCGX110302-AL	.039	.012	.118	.005	.002	.006
VCGX110304-AL	.059	.02	.118	.008	.004	.012
VCGX160404-AL	.059	.02	.197	.008	.004	.012
VCGX160408-AL	.059	.02	.197	.012	.006	.024
VCGX160412-AL	.059	.02	.197	.016	.006	.031
VCGX220520-AL	.059	.02	.276	.024	.01	.039
VCGX220530-AL	.059	.02	.276	.024	.01	.039
VCMT110302-PF	.012	.003	.059	.003	.002	.005
VCMT110304-KF	.012	.004	.059	.004	.002	.008
VCMT110304-MF	.012	.004	.059	.004	.002	.008
VCMT110304-MM	.03	.012	.1	.006	.004	.01
VCMT110304-PF	.012	.004	.059	.004	.002	.008
VCMT110304-PM	.03	.012	.1	.006	.004	.01
VCMT110308-KM	.03	.024	.1	.008	.005	.013
VCMT110308-MM	.03	.024	.1	.008	.005	.013
VCMT110308-PM	.03	.024	.1	.008	.005	.013
VCMW110204FP	.02	.004	.138	.004	.002	.008
VCMW110304FP	.02	.004	.138	.004	.002	.008
VCMW160408FP	.039	.004	.11	.006	.002	.016
VCMW160412FP	.039	.004	.083	.006	.002	.016

Recommended depth of cut and cutting feed, inch

T-Max® insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CNGN120708T02520	.079	.039	.118	.008	.006	.02
CNGN160716T01020	.079	.039	.118	.007	.003	.012
CNGN120408T01020	.047	.004	.142	.004	.003	.008
CNGN120412S02520M	.079	.02	.157	.014	.004	.024
CNGN120412T01020	.047	.004	.142	.006	.003	.012
CNGN120412T02520	.079	.039	.118	.008	.004	.02
CNGN120416S02520M	.079	.02	.157	.014	.004	.024
CNGN120416T01020	.047	.004	.142	.007	.003	.012
CNGN120708T01020	.047	.004	.142	.004	.003	.008
CNGN120712T01020	.047	.004	.142	.006	.003	.008
CNGN120716T01020	.047	.004	.142	.007	.003	.012
CNGN120716T02520	.079	.039	.118	.008	.006	.02
CNGN160708T01020	.063	.004	.189	.004	.003	.008
CNGN160712T01020	.063	.004	.189	.006	.003	.012
DNGN150408T01020	.059	.004	.177	.004	.003	.008
DNGN150412T01020	.059	.004	.177	.006	.003	.012
DNGN150708T01020	.059	.004	.177	.004	.003	.008
DNGN150712T01020	.059	.004	.177	.006	.003	.012
DNGN150712T02520	.079	.039	.118	.008	.004	.02
DNGN150716K07015	.177	.004	.295	.016	.002	.024
DNGN150716T01020	.059	.004	.177	.007	.003	.012
DNGN150716T07015	.177	.004	.295	.016	.002	.024
RCGX060600E	.031	.016	.063	.001	.001	.001
RCGX060600T01020	.035	.004	.071	.005	.004	.008
RCGX090700E	.047	.024	.094	.002	.002	.002
RCGX090700T01020	.053	.004	.106	.006	.004	.008
RCGX090700T07015	.106	.004	.142	.01	.004	.024
RCGX120700E	.071	.035	.142	.003	.003	.003
RCGX120700K15015	.142	.004	.189	.012	.004	.024
RCGX120700T01020	.071	.004	.142	.006	.004	.008
RCGX120700T02520	.079	.039	.118	.016	.012	.02
RCGX120700T15015	.079	.039	.118	.016	.012	.02
RCGX151000T20015	.177	.004	.236	.012	.004	.024
RCGX191000K20015	.224	.004	.299	.016	.004	.024
RCGX191000T20015	.224	.004	.299	.016	.004	.024
RNGN060300S02520M	.079	.02	.157	.019	.006	.033
RNGN090300S02520M	.079	.02	.157	.019	.006	.033
RNGN090300T01020	.053	.004	.106	.006	.004	.01
RNGN120300S02520M	.079	.02	.157	.019	.006	.033
RNGN120400E	.071	.035	.142	.003	.003	.003
RNGN120400S02520M	.079	.02	.157	.019	.006	.033
RNGN120400T01020	.071	.004	.142	.006	.004	.012
RNGN120400T02520	.079	.039	.118	.008	.006	.02
RNGN120700E	.071	.035	.142	.003	.003	.003
RNGN120700K15015	.142	.004	.189	.012	.004	.024
RNGN120700T01020	.071	.004	.142	.006	.004	.008
RNGN120700T02520	.079	.039	.118	.008	.004	.02
RNGN120700T15015	.142	.004	.189	.012	.004	.024
RNGN150700T01020	.089	.004	.177	.008	.004	.012
RNGN150700T20015	.089	.004	.177	.008	.004	.012
RNGN190700E	.094	.047	.189	.004	.004	.004
RNGN190700K20015	.112	.004	.224	.008	.004	.016
RNGN190700T01020	.112	.004	.224	.008	.004	.016
RNGN190700T20015	.224	.004	.299	.016	.004	.024
RPGN060300E	.035	.016	.071	.005	.004	.008
RPGN060300T01020	.035	.016	.071	.005	.004	.008
RPGN090300E	.053	.024	.106	.006	.004	.008
RPGN090300T01020	.053	.004	.106	.006	.004	.01
RPGN120400E	.071	.035	.142	.006	.004	.008
RPGN120400T01020	.071	.035	.142	.006	.004	.01
RPGX060600T01020	.071	.016	.142	.005	.004	.008
RPGX090700E	.047	.024	.094	.002	.002	.002
RPGX090700T01020	.053	.004	.106	.006	.004	.008
RPGX120700E	.071	.035	.142	.003	.003	.003
RPGX120700T01020	.071	.004	.142	.006	.004	.008
SNGN120416T01020	.047	.004	.142	.008	.003	.012
SNGN090308T01020	.035	.004	.106	.004	.003	.008
SNGN090312S02520M	.079	.02	.157	.014	.004	.024
SNGN090312T01020	.035	.004	.106	.006	.003	.012
SNGN120408T01020	.047	.004	.142	.004	.003	.008
SNGN120408T02520	.079	.039	.118	.008	.006	.02
SNGN120412E	.079	.039	.157	.006	.004	.008
SNGN120412S02520M	.079	.02	.157	.014	.004	.024

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
SNGN120412T01020	.047	.004	.142	.006	.003	.012
SNGN120412T02520	.079	.039	.118	.008	.004	.02
SNGN120416S02520M	.079	.02	.157	.014	.004	.024
SNGN120416T02520	.079	.039	.118	.008	.006	.02
SNGN120708T01020	.047	.004	.142	.004	.003	.008
SNGN120708T02520	.079	.039	.118	.008	.006	.02
SNGN120712E	.079	.039	.157	.006	.004	.008
SNGN120712T01020	.047	.004	.142	.006	.003	.008
SNGN120712T02520	.079	.039	.118	.008	.004	.02
SNGN120716K15015	.142	.004	.236	.016	.002	.024
SNGN120716T01020	.047	.004	.142	.008	.003	.012
SNGN120716T02520	.079	.039	.118	.008	.006	.02
SNGN120716T15015	.142	.004	.236	.016	.002	.024
SNGN150708T01020	.059	.004	.177	.004	.003	.008
SNGN150716T01020	.059	.004	.177	.008	.003	.012
SNGN150716T02520	.079	.039	.118	.008	.006	.02
SNGN190716T01020	.075	.004	.224	.008	.003	.012
SNGN190724E	.157	.079	.236	.006	.004	.008
SNGN190724T01020	.075	.004	.224	.008	.003	.012
SPGN120408T01020	.047	.004	.142	.004	.003	.008
SPGN120412T01020	.047	.004	.142	.006	.003	.012
SPUN120304FP	.02	.004	.146	.004	.002	.008
TNGN110308T01020	.043	.004	.13	.004	.003	.008
TNGN160408T01020	.063	.004	.189	.004	.003	.008
TNGN160412T01020	.063	.004	.189	.006	.003	.012
TNGN160416T01020	.063	.004	.189	.007	.003	.012
TNGN160708T01020	.063	.004	.189	.004	.003	.008
TNGN160712T01020	.063	.004	.189	.006	.003	.012
TPGN110304T01020	.043	.004	.13	.004	.003	.004
TPGN110308T01020	.043	.004	.13	.004	.003	.008
TPGN160304T01020	.063	.004	.189	.004	.003	.004
TPGN160308E	.189	.004	.315	.008	.002	.014
TPGN160308T01020	.063	.004	.189	.004	.003	.008
TPGN160312T01020	.063	.004	.189	.006	.003	.012
TPUN110304FP	.02	.004	.087	.004	.002	.008
TPUN160304FLP	.02	.004	.276	.004	.002	.008
TPUN160304FP	.02	.004	.087	.004	.002	.008
TPUN160304FRP	.02	.004	.276	.004	.002	.008

CoroTurn® 300 insert for turning

3-80-101104-8-L4	.047	.01	.118	.008	.004	.012
3-80-101108-8-L4	.063	.02	.118	.009	.005	.013
3-80-101108-8-M5	.098	.031	.15	.013	.008	.018
3-80-101108-8-M5W	.098	.02	.15	.018	.008	.024
3-80-101112-8-L4	.079	.026	.118	.01	.006	.014
3-80-101112-8-M5	.118	.047	.15	.014	.01	.022
3-80-101112-8-M5W	.118	.031	.15	.02	.01	.028

CoroTurn® Prime insert for turning

CP-A1104-L5	.039	.01	.118	.016	.008	.02
CP-A1108-L5	.039	.01	.118	.016	.008	.02
CP-A1108-L5W	.039	.01	.118	.016	.008	.02
CP-B1108-M5	.079	.02	.157	.023	.012	.048
CP-B1108-M5W	.079	.02	.157	.023	.012	.048

CoroTurn® TR insert for turning

TR-DC1304-F	.039	.006	.118	.008	.003	.012
TR-DC1304S01020F	.008	.003	.024	.008	.002	.012
TR-DC1308-F	.039	.006	.118	.009	.004	.016
TR-DC1308-M	.079	.02	.197	.01	.004	.016
TR-DC1308S01020F	.008	.003	.024	.008	.002	.012
TR-DC1312-M	.079	.02	.197	.012	.006	.02
TR-VB1302-F	.012	.002	.039	.003	.001	.005
TR-VB1304-F	.031	.004	.079	.006	.002	.014
TR-VB1304S01020F	.004	.003	.008	.004	.002	.008
TR-VB1308-F	.031	.004	.079	.008	.004	.016
TR-VB1308S01020F	.004	.003	.008	.004	.002	.008
TR-VB1312-F	.031	.004	.079	.008	.004	.016

Grades for general turning

P **Steel, cast steel, martensitic stainless steel, long-chipping malleable iron**

Basic grades



GC4305 (HC) – P05 (P01-P15)
A CVD-coated grade recommended for stable conditions when a higher metal removal rate is needed in medium to rough steel applications. Able to withstand high temperatures.



GC4315 (HC) – P15 (P01-P30)
A CVD-coated carbide grade for finishing to roughing in applications with continuous cut to light intermittent of steel and steel castings.



GC4325 (HC) – P25 (P10-P40)
A CVD-coated carbide grade for finishing to roughing of steel and steel castings. This grade can handle continuous cuts as well as interrupted cuts at high metal removal rates. A grade for a broad application area.



GC4335 (HC) – P35 (P25-P45)
A CVD-coated grade for steel turning with secure and reliable performance in tough and demanding operations. Ideal for difficult surfaces, vibration issues, heavy interruptions, and unstable conditions.

Complementary grades



GC1525 (HC) – P15 (P05-P25)
A PVD-coated cermet for finishing and semi-finishing of low carbon and low alloyed steels. To be used when good surface quality is demanded at medium to high cutting speeds. f_n x a_p < 0.35 mm^2.



CT5015 (HT) – P10 (P01-P20)
An uncoated cermet for finishing when high surface quality is required. f_n x a_p < 0.35 mm^2

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning

M **Austenitic stainless steel, cast steel, manganese steel, alloy cast iron, malleable iron, and free cutting steel.**

Basic grades



GC2015 (HC) – M15 (M05–M25)
A CVD-coated carbide grade for finishing and light roughing. A choice for continuous cuts at moderate to high cutting speeds.



GC2025 (HC) – M25 (M15-M35)
A CVD-coated carbide optimized for semi-finishing to roughing. The grade performs well in interrupted cuts.



GC2220 (HC) – M20 (M15-M30)
A grade optimized for stainless steel. For external and internal turning in rough to medium operations, wet and dry machining. For stable cutting conditions with continuous and light interruptions at high to average cutting speeds.



GC2035 (HC) – M35 (M25-M40)
A PVD-coated carbide. To be used for semi-finishing to roughing at low to moderate cutting speeds.

Complementary grades



GC1115 (HC) – M15 (M05–M25)
A PVD-coated carbide grade. Recommended to be used at low feed rates or medium cutting speeds.



GC1125 (HC) – M25 (M10-M30)
A PVD-coated grade for toughness demanding operations.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning

K Cast iron, chilled cast iron, short chipping malleable iron

Basic grades



GC3210 (HC) – K10 (K01-K20)
A CVD-coated cemented carbide grade. Used in good to average machining conditions in all cast iron materials. A grade suitable for continuous to interrupted cut.



GC3225 (HC) – K25 (K15-K35)
A CVD-coated cemented carbide grade. Used in average to difficult machining conditions in all cast iron materials. A grade suitable for light to heavy interrupted cuts.



CC6190 (CN) – K10 (K05 – K15)
Pure silicon nitride-based ceramic. Used in high-speed roughing to finishing of cast irons in good conditions. Is able to handle some interruptions.

Complementary grades



H13A (HW) – K20 (K10-K30)
An uncoated carbide grade. For moderate to low speeds and high feeds in cast iron.



CB7525 (BN) – K05 (K01-K10)
A cubic boron nitride grade. For high speed finishing of gray cast iron under continuous as well as interrupted conditions.



CC650 (CM) – K01 (K01-K05)
Mixed Al_2O_3 based ceramic. Recommended for high speed finishing of gray cast irons and hardened cast irons under stable conditions.



CB7925 (BN) – K05 (K01-K10)
A cubic boron nitride grade. Suited for both machining in gray cast iron and chilled iron under continuous as well as interrupted conditions.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning

N Non-ferrous metals

Basic grades

H10 (HW) – N15 (N01-N25)
An uncoated carbide grade. For rough to finish turning of aluminum alloys.

CD05 – N01 (N01-N10)
A polycrystalline diamond grade for finishing and semi-finishing of highly abrasive non-ferrous and non-metallic materials, Matrix Composites (MMC), fiberglass, fiberboard, and wood laminates.

CD10 (DP) – N05 (N01-N10)
A polycrystalline diamond grade for finishing and semi-finishing of non-ferrous and non-metallic materials.

Complementary grades

H13A (HW) – N15 (N05-N25)
An uncoated carbide grade for medium to rough turning of aluminum alloys.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning

S Heat resistant super alloys

Basic grades

CC6160 (CA) – S10 (S05-S20)
A SiAlON-based ceramic grade. Ideal for pocketing and profiling difficult-to-machine, heat-resistant super alloy components. Offers secure and stable machining for high metal removal rate. Performs multiple operations from roughing to semi-finishing.

CC6060 (CA) – S10 (S05-S20
A SiAlON-based ceramic for machining in pre-machined materials under stable conditions.

CC670 (CA) – S15 (S05-S25)
A whisker reinforced, SiAlON-based ceramic. Primarily to be used in unfavorable conditions.

CC6065 (CA) – S15 (S10-S20)
A SiAlON-based ceramic. Well suited for first stage machining in semi-intermittent applications as well as machining forged skin and other toughness demanding operations.

GC1105 (HC) – S15 (S05-S20)
A PVD-coated carbide grade. Suitable for finishing to medium machining.

S05F (HC) – S05 (S05-S15)
A CVD-coated carbide grade. For high-speed finishing or long time in cut at lower speeds. For applications where the risk of notch wear is not a predominate factor.

GC1115 (HC) – S20 (S15-S25)
A PVD-coated carbide grade. The grade has an excellent performance in combination with sharp edge geometries. Suitable for medium to rough turning in smearing materials.

Complementary grades

CC650 (CM) – S05 (S01-S10)
A mixed Al_2O_3-based ceramic. Used in semi-finishing operations of high-temp alloys.

GC1125 (HC) – S25 (S20–S30)
A PVD-coated carbide grade to be used at low speeds or light intermittent cuts.

H13A (HW) – S15 (S10-S30)
An uncoated carbide grade for moderate to low speeds.

S Titanium alloys

Basic grades

H13A (HW) – S15 (S10-S30)
An uncoated carbide grade for moderate to low speeds.

Complementary grades

GC1115 (HC) – S20 (S15-S25)
A PVD-coated carbide grade. The grade has an excellent performance in combination with sharp edge geometries. Suitable for medium to rough turning in smearing materials.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning

H Hardened materials

Basic grades

CB7105 (BN) – H05 (H01-H10)
For continuous cut, smaller depth of cut, and smaller chip loads at high speed.

CB7015 (BN) – H10 (H05 - H15)
A cubic boron nitride grade. To be used in continuous and light interrupted cuts at high speed in case-hardened steels.

CB7115 (BN) – H15 (H10-H20)
For continuous cut to light interrupted cut or larger chip loads at medium to high speed.

CB7025 (BN) – H15 (H10-H20)
A cubic boron nitride composite for hardened ferrous material. Suitable for cuts with substantial interruptions at medium speeds in case-hardened steels, bearing steels.

Complementary grades

CB7525 (BN) – H25 (H20-H30)
A cubic boron nitride grade. High-edge toughness makes it a good complementary grade in interrupted cuts in hardened steel.

CC6050 (CA) – H05 (H01-H10)
A mixed, Al2O3-based ceramic. Used for light continuous finishing.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

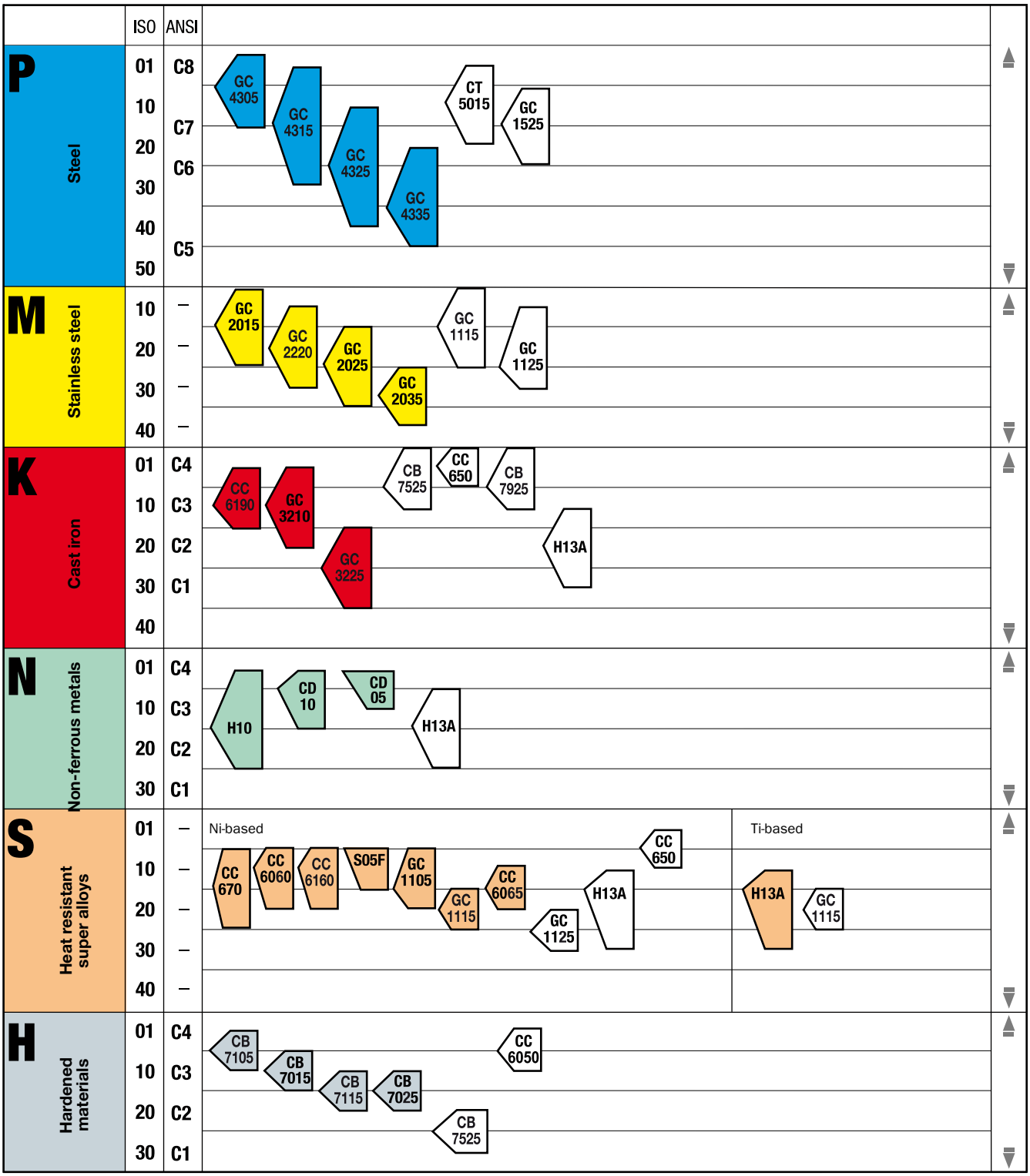
DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning



The position and form of the grade symbols indicate the suitable field of application.

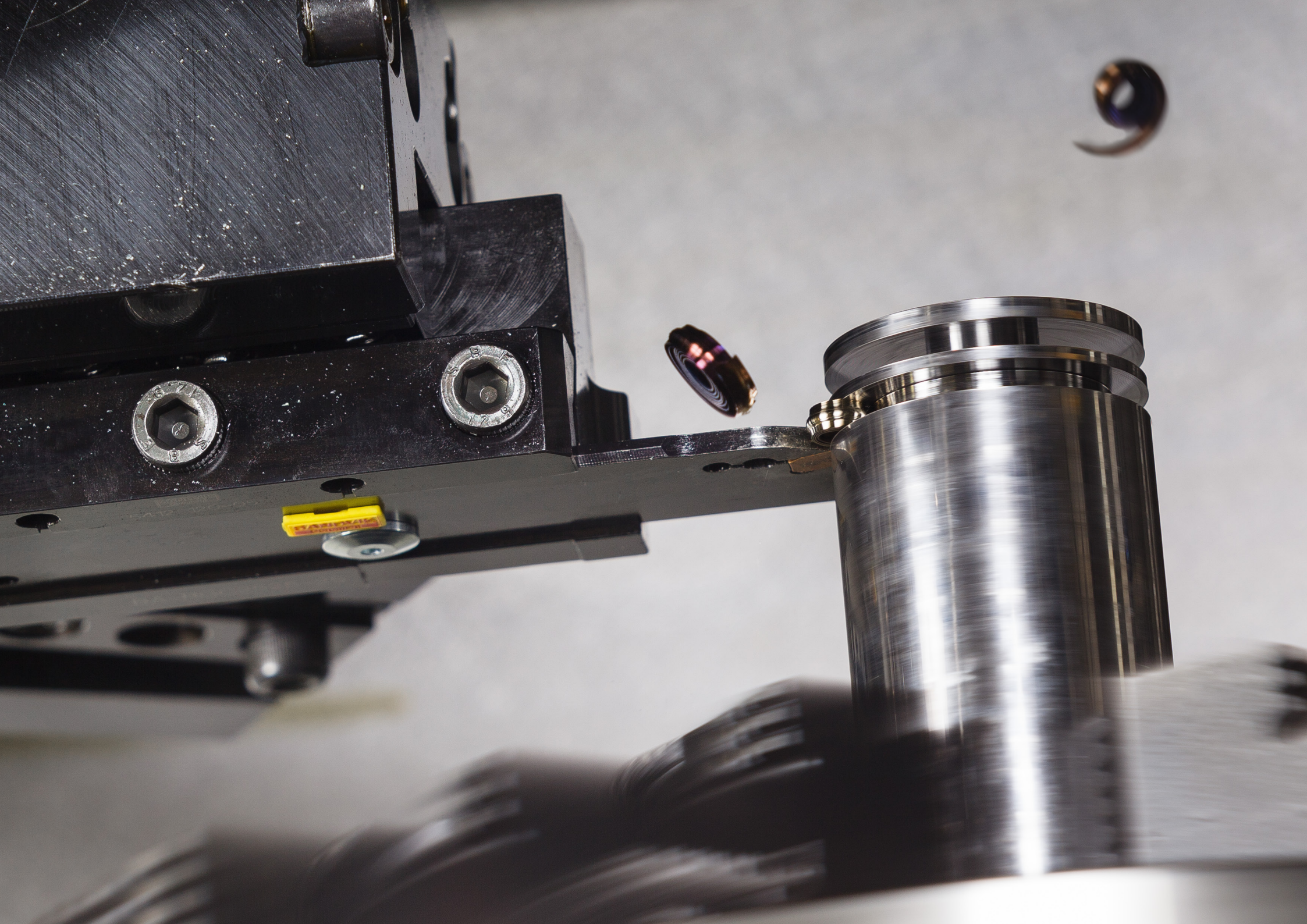


Wear resistance

Toughness

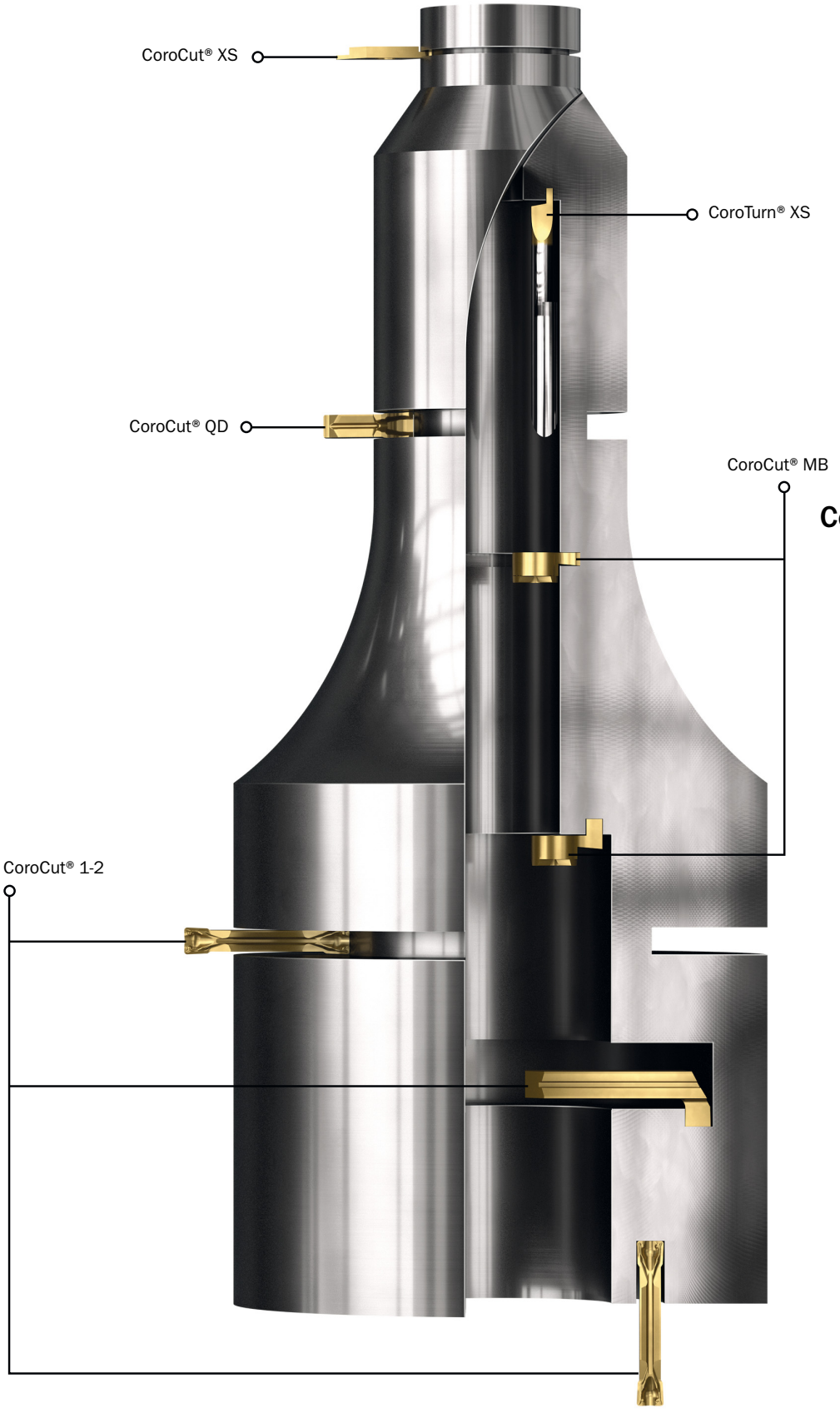
= Basic grades

= Complementary grades



Parting and grooving

		External grooving		Internal grooving		Face grooving	
		CW mm *(inch)*	CDX mm *(inch)*	DMIN mm *(inch)*	CDX mm *(inch)*	DAXIN mm *(inch)*	CDX mm *(inch)*
CoroCut® 1-2	2-edged grooving, face grooving, and profiling	1.5-15 (.060-.590)	13-28 (.500-1.10)	25-6 (.980-2.36)	5-13 (.200-.500)	Ø34 (Ø1.34)	12-28 (.472-1.10)
CoroCut® QD	For parting off and deep grooving	2-8 (.080-.315)	15-80 (.600-3.15)				
CoroCut® 3	Narrow 3-edged external grooving	0.5-3.2 (.020-.125)	<6.4 (<.252)				
CoroCut® XS	External grooving and face grooving of small diameters	0.5-2.5 (.020-.100)	<8.5 (<.335)				
CoroTurn® XS	External grooving and face grooving of small diameters			4.2-8 (.170-.315)	0.8-2.5 (.031-.100)	Ø1-8 (Ø.040-.315)	2-30 (.080-1.18)
CoroCut® MB	For internal grooving and face grooving with high precision			10-20 (.294-.787)	2-8 (.080-.315)	Ø6-12 (.252-.500)	1.5-10 (.059- .394)
T-Max® Q-Cut	Internal grooving and face grooving			12-50 (.472-1.97)	2-8 (.080-.315)	Ø16 (Ø.630)	9-20 (.350-.790)
CoroThread® 266	For demanding external and internal grooving operations	1.1-4.2 (.043-.163)	1.3-2.6 (.051-.102)	20-25 (.787-.984)	1.3-2.2 (.051-.087)		
Top Lok®	Flexible system for grooving, profiling, and threading	0.79-5.4 (.031-.213)	2.8-7.1 (.110-.280)				



CoroCut® 1-2 B4

Overview B5
Inserts B6-B25
External tools B26-B67
Internal tools B68-B72

CoroCut® QD B73

Overview B74
Inserts B75-B80
External tools B81-B98

CoroCut® 3 B99

Overview B100
Inserts B101-B106
External tools B107-B109

CoroCut® XS B110

Inserts B111-B113
External tools B114-B115

T-Max® Q-Cut B116

Inserts B118-B119
External tools B120-B124
Internal tools B125-B130

CoroThread® 266 B131

Inserts B132
Internal tools B133

Top Lok® B134

Inserts B135-B138
External tools B139-B141
Internal tools B142-B144

CoroTurn® XS B145

Cutting tools B146-B154
Adapters F2

CoroCut® MB B155

Cutting tools B156-B161
Adapters F2

CoroCut® 1-2

Parting, profiling, and grooving

B

Application

- Parting off
- External grooving
- Internal grooving
- Face grooving
- Profiling



C

ISO application area:

P M K N S H

D

Benefits and features

- Strong tool material alloy for high fatigue resistance
- Plug and play adapters make it easy to connect the coolant
- Easy to change inserts: no torque wrench needed—always correct clamping with quick-release key

E

Note: In parting off and grooving, CoroCut® 1-2 is the best choice to depths where the 2-edged inserts can be used.

www.sandvik.coromant.com/corocut1-2

Inserts

F

- Geometries and grades for all applications and feeds
- Insert grades in advanced cutting materials PCD and CBN
- Wiper inserts for excellent surface finish

Tools

- Coromant Capto® cutting units
- Shank tools
- QS™ shanks
- Parting blades
- Boring bars
- CoroTurn® SL heads

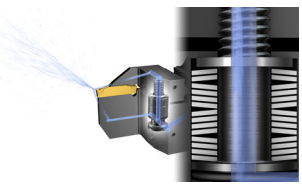
G

Rigid spring clamping

The system combines rigid spring clamping mechanism with railed insert seat and long inserts for exceptional stability.

Over and under coolant

Tools with internal over and under coolant available for best chip control and tool life.

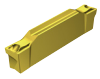
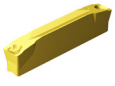
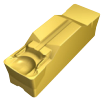


H

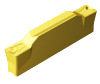
B5 B5 B5 H28

SANDVIK Coromant

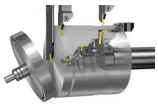
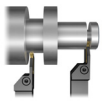
Inserts

	Parting				Grooving				
									
	123-CF	**123-CM**	**123-CR**	**123-CS**	**123-GF**	**123-GM**	**123-GM**	**123-GR**	**123-GS**
Insert width, mm	2.50-4.00	1.50-5.00	2.50-6-00	1.50-3.00	1.50-8.00	2.00-11.00	12.00-15.00	15.00	2.00-4.00
Insert width, inch	.098-.157	.059-.197	.098-.236	.059-.118	.059-.315	.079-.433	.472-.591	.591	.079-.157
Page	B6	B7	B8	B9	B10	B12	B13	B13	B16

	Grooving Hardened materials	Profiling						
								
	123-S	**123-RO**	**123-RM**	**123-AM**	**123-RS**	**123-RE**	**123-RO**	**123-RS**
Insert width, mm	3.00-8.00	2.00-8.00	3.00-8.00	6.00-8.00	3.00-8.00	2.00-8.00	2.00-4.00	2.00-4.00
Insert width, inch	.118-.315	.079-.315	.118-.315	.236-.315	.118-.315	.079-.315	.079-.175	.079-.157
Page	B15	B19	B21	B22	B23	B24	B25	B25

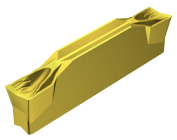
	Profiling Hardened materials		Turning	
				
	123-S	**123-RE**	**123-TF**	**123-TM**
Insert width, mm	3.00-8.00	2.00-8.00	3.00-8.00	3.00-8.00
Insert width, inch	.118-.315	.079-.315	.118-.315	.118-.315
Page	B23	B24	B17	B18

Tools

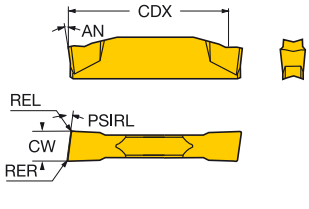
					
Tool holding	**Parting and grooving**	**Parting**	**Grooving**	**Face grooving**	**Profiling**
Coromant Capto®	B26-B30			B49	
Blade		B42-B44			
Shank	B31-B38		B45-B46	B51-B56	B64-B65
QS Shank	B39-B41			B57-B59	
SL external cutting head			B47-B48	B60-B62	B66-B67
SL internal cutting head			B68		
Boring bar internal			B69-B71		B72

CoroCut® 1-2 insert for parting

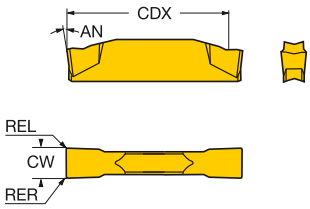
Parting



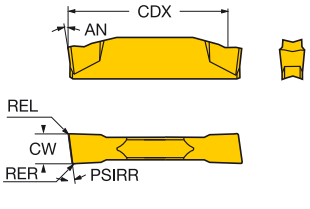
L123x2-CF



N123x2-CF

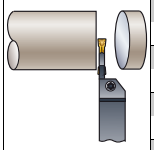


R123x2-CF



Wiper TECHNOLOGY

CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P 1105	P 1125	P 1145	P 2135	P 525	M 1105	M 1125	M 1145	M 2135	K 1125	K 1145	K 3115	K 4325	N 1105	N 1125	N 1145	N 2135	S 1105	S 1125	S 1145	S 2135	Dimensions, mm, inch AN
Finishing		F	2.5	0.15	0.15	18.4	5°		L123F2-0250-0501-CF		★	☆				★	☆		★	☆				★	☆			☆	★		7°
			.098	.006	.006	.724																									
		G	3.0	0.15	0.15	18.3	5°		L123G2-0300-0501-CF		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.118	.006	.006	.720																									
		H	4.0	0.15	0.15	23.2	5°		L123H2-0400-0501-CF		★					★			★					★				★		7°
			.157	.006	.006	.913																									
		F	2.5	0.10	0.10	18.4			N123F2-0250-0001-CF	☆	★	☆	☆		☆	☆	☆	★	★	☆		☆	★	☆	☆	☆	★	☆	☆	☆	7°
			.098	.004	.004	.724																									
		G	3.0	0.10	0.10	18.4			N123G2-0300-0001-CF	☆	★	☆	☆	☆	☆	☆	☆	★	★	☆		☆	★	☆	☆	☆	★	☆	☆	☆	7°
			.118	.004	.004	.724																									
		H	4.0	0.15	0.15	23.3			N123H2-0400-0001-CF	☆	★	☆	☆		☆	☆	☆	★	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	☆	7°
			.157	.006	.006	.917																									
		F	2.5	0.15	0.15	18.4		5°	R123F2-0250-0501-CF		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.098	.006	.006	.724																									
		G	3.0	0.15	0.15	18.3		5°	R123G2-0300-0501-CF		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.118	.006	.006	.720																									
		H	4.0	0.15	0.15	23.2		5°	R123H2-0400-0501-CF		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.157	.006	.006	.913																									

SSC = To correspond with SSC on holder.

N = Neutral, R = Right hand, L = Left hand

Tolerances:

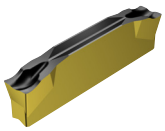
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123x2-CF	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-CF	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
R123x2-CF	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039

B5 B162 B183 B173 H37 H28 H17 H4

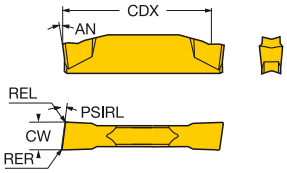
SANDVIK Coromant

CoroCut® 1-2 insert for parting

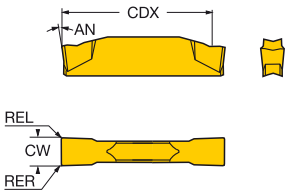
Parting



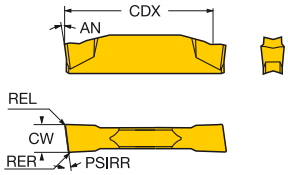
L123x2-CM



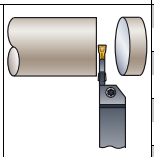
N123x2-CM



R123x2-CM



CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P 1105	P 1125	P 1145	P 2135	P 525	M 1105	M 1125	M 1145	M 2135	K 1125	K 1145	K 3115	K 4325	N 1105	N 1125	N 1145	N 2135	S 1105	S 1125	S 1145	S 2135	Dimensions, mm, inch AN
Medium		E	2.0	0.20	0.20	19.0	5°		L123E2-0200-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.079	.008	.008	.748																									
		F	2.5	0.20	0.20	18.9	5°		L123F2-0250-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.098	.008	.008	.744																									
		G	3.0	0.20	0.20	18.8	5°		L123G2-0300-0502-CM		★	☆	☆			☆	☆	★	★	☆	☆	☆		★	☆	☆		☆	★	☆	7°
			.118	.008	.008	.740																									
		H	4.0	0.20	0.20	24.1	5°		L123H2-0400-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		★	★	☆	7°
			.157	.008	.008	.949																									
		J	5.0	0.20	0.20	24.1	5°		L123J2-0500-0502-CM		★		☆			☆		★	★					★		☆		★		☆	7°
			.197	.008	.008	.949																									
		D	1.5	0.20	0.20	12.9			N123D2-0150-0002-CM	☆	★	☆	☆		☆	☆	☆	★	★	☆			★	☆	☆	☆	☆	☆	★	☆	7°
			.059	.008	.008	.508																									
		E	2.0	0.20	0.20	19.0			N123E2-0200-0002-CM	☆	★		☆	☆	☆	☆		★	★		☆	☆	★	☆		☆	☆	★		☆	7°
			.079	.008	.008	.748																									
		F	2.5	0.20	0.20	18.9			N123F2-0250-0002-CM	☆	★		☆		☆	☆		★	★		☆	☆	★	☆		☆	☆	★		☆	7°
			.098	.008	.008	.744																									
		G	3.0	0.20	0.20	18.9			N123G2-0300-0002-CM	☆	★		☆	☆	☆	☆		★	★		☆	☆	★	☆		☆	☆	★		☆	7°
			.118	.008	.008	.744																									
		H	4.0	0.20	0.20	24.1			N123H2-0400-0002-CM	☆	★		☆	☆	☆	☆		★	★		☆	☆	★	☆		☆	☆	★		☆	7°
			.157	.008	.008	.949																									
		J	5.0	0.20	0.20	24.1			N123J2-0500-0002-CM		★		☆			☆		★	★					★		☆		★		☆	7°
			.197	.008	.008	.949																									
		E	2.0	0.20	0.20	19.0		5°	R123E2-0200-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.079	.008	.008	.748																									
		F	2.5	0.20	0.20	18.9		5°	R123F2-0250-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.098	.008	.008	.744																									
		G	3.0	0.20	0.20	18.8		5°	R123G2-0300-0502-CM		★	☆	☆			☆	☆	★	★	☆	☆	☆		★	☆	☆		☆	★	☆	7°
			.118	.008	.008	.740																									
		H	4.0	0.20	0.20	24.1		5°	R123H2-0400-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.157	.008	.008	.949																									
		J	5.0	0.20	0.20	24.1		5°	R123J2-0500-0502-CM		★		☆			☆		★	★					★		☆		★		☆	7°
			.197	.008	.008	.949																									

SSC = To correspond with SSC on holder.

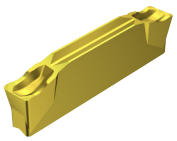
N = Neutral, R = Right hand, L = Left hand

Tolerances:								
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123x2-CM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-CM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
R123x2-CM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039

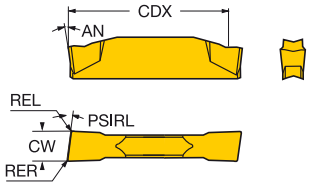
B5 B162 B183 B173 H37 H28 H17

CoroCut® 1-2 insert for parting

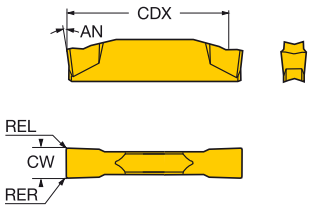
Parting



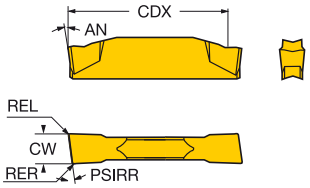
L123x2-CR



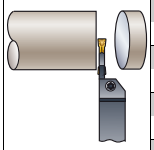
N123x2-CR



R123x2-CR



CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P 1105	P 1125	P 1145	P 2135	P 525	M 1105	M 1125	M 1145	M 2135	K 1125	K 1145	K 3115	K 4325	N 1105	N 1125	N 1145	N 2135	S 1105	S 1125	S 1145	S 2135	Dimensions, mm, inch AN
Pre-machining		F	2.5	0.30	0.30	18.9	5°		L123F2-0250-0503-CR		☆		★			☆		★	★					★		☆		★		☆	7°
			.098	.012	.012	.744																									
		G	3.0	0.30	0.30	18.8	5°		L123G2-0300-0503-CR		☆		★			☆		★	★					★		☆		★		☆	7°
			.118	.012	.012	.740																									
		H	4.0	0.30	0.30	23.7	5°		L123H2-0400-0503-CR		☆		★			☆		★	★					★		☆		★		☆	7°
			.157	.012	.012	.933																									
		J	5.0	0.40	0.40	23.6	5°		L123J2-0500-0504-CR		☆		★			☆		★	★					★		☆		★		☆	7°
			.197	.016	.016	.929																									
		F	2.5	0.30	0.30	18.9			N123F2-0250-0003-CR		☆	☆	★			☆	☆	★	★	☆	☆	☆		★	☆	☆		☆	★	☆	7°
			.098	.012	.012	.744																									
		G	3.0	0.30	0.30	18.8			N123G2-0300-0003-CR	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	★	☆	☆	☆	☆	★	☆	7°
			.118	.012	.012	.740																									
		H	4.0	0.30	0.30	23.7			N123H2-0400-0003-CR	☆	☆	☆	★		☆	☆	☆	★	★	☆	☆	☆	★	☆	☆	☆	☆	★	☆	7°
			.157	.012	.012	.933																									
		J	5.0	0.40	0.40	23.7			N123J2-0500-0004-CR		☆	☆	★			☆	☆	★	★	☆	☆	☆		★	☆	☆		☆	★	☆	7°
			.197	.016	.016	.933																									
		K	6.0	0.40	0.40	23.5			N123K2-0600-0004-CR		☆	☆	★			☆	☆	★	★	☆	☆	☆		★	☆	☆		☆	★	☆	7°
			.236	.016	.016	.925																									
		F	2.5	0.30	0.30	18.9		5°	R123F2-0250-0503-CR		☆		★			☆		★	★					★		☆		★		☆	7°
			.098	.012	.012	.744																									
		G	3.0	0.30	0.30	18.8		5°	R123G2-0300-0503-CR		☆	☆	★			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.118	.012	.012	.740																									
		H	4.0	0.30	0.30	23.7		5°	R123H2-0400-0503-CR		☆	☆	★			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
			.157	.012	.012	.933																									
		J	5.0	0.40	0.40	23.6		5°	R123J2-0500-0504-CR		☆		★			☆		★	★					★		☆		★		☆	7°
			.197	.016	.016	.929																									

SSC = To correspond with SSC on holder.

N = Neutral, R = Right hand, L = Left hand

Tolerances:

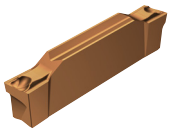
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123x2-CR	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-CR	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
R123x2-CR	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039

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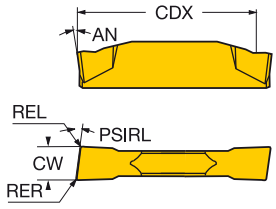
SANDVIK Coromant

CoroCut® 1-2 insert for parting

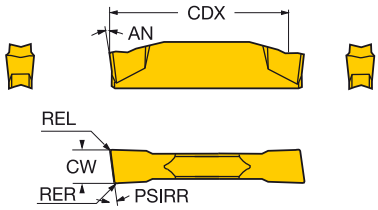
Parting



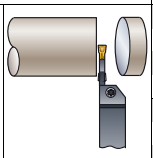
L123x2-CS



R123x2-CS



CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
									Dimensions, mm, inch										
Finishing		D	1.50	0.10	0.10	13.4	10.0		L123D2-0150-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.059	.004	.004	.528	10.000									-.0008	.0008	-.0020	.0020
			1.50	0.10	0.10	13.4	15.0		L123D2-0150-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.059	.004	.004	.528	15.000									-.0008	.0008	-.0020	.0020
		E	2.00	0.10	0.10	19.4	10.0		L123E2-0200-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.079	.004	.004	.764	10.000									-.0008	.0008	-.0020	.0020
			2.00	0.10	0.10	19.4	15.0		L123E2-0200-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.079	.004	.004	.764	15.000									-.0008	.0008	-.0020	.0020
		F	2.50	0.10	0.10	19.4	10.0		L123F2-0250-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.098	.004	.004	.764	10.000									-.0008	.0008	-.0020	.0020
			2.50	0.10	0.10	19.4	15.0		L123F2-0250-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.098	.004	.004	.764	15.000									-.0008	.0008	-.0020	.0020
		G	3.00	0.10	0.10	19.4	10.0		L123G2-0300-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.118	.004	.004	.764	10.000									-.0008	.0008	-.0020	.0020
			3.00	0.10	0.10	19.4	15.0		L123G2-0300-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.118	.004	.004	.764	15.000									-.0008	.0008	-.0020	.0020
		D	1.50	0.10	0.10	13.4		10.0	R123D2-0150-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.059	.004	.004	.528		10.000								-.0008	.0008	-.0020	.0020
			1.50	0.10	0.10	13.4		15.0	R123D2-0150-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.059	.004	.004	.528		15.000								-.0008	.0008	-.0020	.0020
		E	2.00	0.10	0.10	19.4		10.0	R123E2-0200-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.079	.004	.004	.764		10.000								-.0008	.0008	-.0020	.0020
			2.00	0.10	0.10	19.4		15.0	R123E2-0200-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.079	.004	.004	.764		15.000								-.0008	.0008	-.0020	.0020
		F	2.50	0.10	0.10	19.4		10.0	R123F2-0250-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.098	.004	.004	.764		10.000								-.0008	.0008	-.0020	.0020
			2.50	0.10	0.10	19.4		15.0	R123F2-0250-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.098	.004	.004	.764		15.000								-.0008	.0008	-.0020	.0020
		G	3.00	0.10	0.10	19.4		10.0	R123G2-0300-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.118	.004	.004	.764		10.000								-.0008	.0008	-.0020	.0020
			3.00	0.10	0.10	19.4		15.0	R123G2-0300-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
			.118	.004	.004	.764		15.000								-.0008	.0008	-.0020	.0020

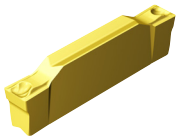
SSC = To correspond with SSC on holder.

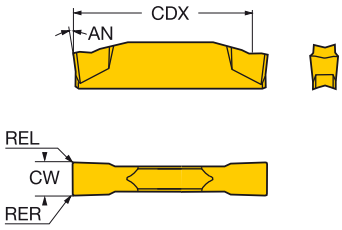
R = Right hand, L = Left hand

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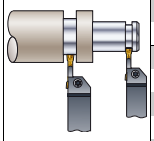
CoroCut® 1-2 insert for grooving

Grooving





CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	Ordering code	P				M				K			N				S				Dimensions, mm, inch
								1105	1125	2135	525	1105	1125	2135	H13A	1125	2135	H13A	1105	1125	2135	H13A	1105	1125	2135	H13A	AN
Finishing		D	1.5	0.10	0.10	13.3	N123D2-0150-0001-GF	☆	★		☆	☆	★			★			★	☆			★	☆			5°
			.059	*.004*	*.004*	*.524*																					
		E	2.0	0.20	0.20	19.2	N123E2-0198-0002-GF		★				★			★				★				★			7°
			.078	*.008*	*.008*	*.756*																					
			2.0	0.20	0.20	19.2	N123E2-0200-0002-GF	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°
			.079	*.008*	*.008*	*.756*																					
			2.0	0.40	0.40	19.2	N123E2-0200-0004-GF	☆	★			☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			.079	*.016*	*.016*	*.756*																					
			2.2	0.20	0.20	19.2	N123E2-0224-0002-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			.088	*.008*	*.008*	*.756*																					
		F	2.4	0.20	0.20	19.2	N123F2-0239-0002-GF	☆	★			☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			.094	*.008*	*.008*	*.756*																					
			2.4	0.40	0.40	19.2	N123F2-0239-0004-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			.094	*.016*	*.016*	*.756*																					
			2.5	0.30	0.30	19.1	N123F2-0246-0003-GF	☆	★		☆	☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			.097	*.012*	*.012*	*.752*																					
			2.7	0.20	0.20	19.2	N123F2-0267-0002-GF		★				★			★				★				★			7°
			.105	*.008*	*.008*	*.756*																					
			2.8	0.30	0.30	19.1	N123F2-0279-0003-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			.110	*.012*	*.012*	*.752*																					
		G	3.0	0.20	0.20	19.2	N123G2-0300-0002-GF	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°
			.118	*.008*	*.008*	*.756*																					
			3.0	0.40	0.40	19.2	N123G2-0300-0004-GF	☆	★			☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			.118	*.016*	*.016*	*.756*																					
			3.1	0.20	0.20	19.2	N123G2-0310-0002-GF		★				★			★				★				★			7°
			.122	*.008*	*.008*	*.756*																					
			3.2	0.20	0.20	19.2	N123G2-0318-0002-GF	☆	★		☆	☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			.125	*.008*	*.008*	*.756*																					
			3.2	0.40	0.40	19.2	N123G2-0318-0004-GF		★				★			★				★				★			7°
			.125	*.016*	*.016*	*.756*																					
			3.2	0.80	0.80	19.2	N123G2-0318-0008-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			.125	*.031*	*.031*	*.756*																					
			3.6	0.30	0.30	19.1	N123G2-0361-0003-GF	☆	★			☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			.142	*.012*	*.012*	*.752*																					
		H	4.0	0.20	0.20	24.4	N123H2-0396-0002-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			.156	*.008*	*.008*	*.961*																					
			4.0	0.40	0.40	24.4	N123H2-0396-0004-GF		★				★			☆				★				★			7°
			.156	*.016*	*.016*	*.961*																					
			4.0	0.80	0.80	24.4	N123H2-0396-0008-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			.156	*.031*	*.031*	*.961*																					
			4.0	0.20	0.20	24.4	N123H2-0400-0002-GF	☆	☆	★		☆	☆	★	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°
			.157	*.008*	*.008*	*.961*																					
			4.0	0.40	0.40	24.4	N123H2-0400-0004-GF	☆	★			☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			.157	*.016*	*.016*	*.961*																					
			4.5	0.20	0.20	24.4	N123H2-0452-0002-GF		★				★		☆	★		☆		☆		★		★			☆	7°
			.178	*.008*	*.008*	*.961*																					
			4.7	0.50	0.50	24.1	N123H2-0470-0005-GF		★				★			★				★				★			7°
			.185	*.020*	*.020*	*.949*																					
			4.8	0.40	0.40	24.1	N123H2-0475-0004-GF		★				★			★				★				★			7°
			.187	*.016*	*.016*	*.949*																					
			4.8	0.80	0.80	24.1	N123H2-0475-0008-GF		★				★			★				★				★			7°
			.187	*.031*	*.031*	*.949*																					
			4.8	0.50	0.50	24.1	N123H2-0480-0005-GF		★				★		☆	★		☆		☆		★		★			☆	7°
			.189	*.020*	*.020*	*.949*																					

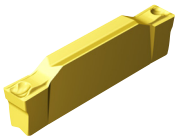
SSC = To correspond with SSC on holder. N = Neutral

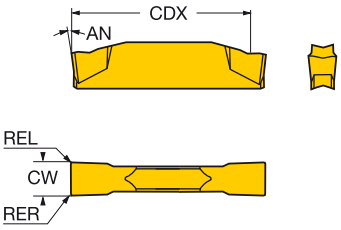
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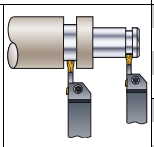
CoroCut® 1-2 insert for grooving

Grooving





CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	Ordering code	P 1105	P 1125	P 2135	P 525	M 1105	M 1125	M 2135	M H13A	K 1125	K 2135	K H13A	N 1105	N 1125	N 2135	N H13A	S 1105	S 1125	S 2135	S H13A	Dimensions, mm, inch AN
Finishing		H	5.0	0.20	0.20	24.4	N123H2-0500-0002-GF	☆	☆	★		☆	☆	★	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°
			.197	*.008*	*.008*	*.961*																					
			5.0	0.40	0.40	24.4	N123H2-0500-0004-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			.197	*.016*	*.016*	*.961*																					
		J	5.4	0.20	0.20	24.4	N123J2-0541-0002-GF		★				★			★				★				★			7°
			.213	*.008*	*.008*	*.961*																					
			5.6	0.50	0.50	24.1	N123J2-0556-0005-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			.219	*.020*	*.020*	*.949*																					
		K	6.0	0.20	0.20	24.4	N123K2-0600-0002-GF	☆	☆	★		☆	☆	★	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°
			.236	*.008*	*.008*	*.961*																					
			6.4	0.40	0.40	24.1	N123K2-0635-0004-GF		★				★			★				★				★			7°
			.250	*.016*	*.016*	*.949*																					
			6.4	0.50	0.50	24.1	N123K2-0635-0005-GF		★				★		☆	★		☆		☆		★		★		☆	7°
			.250	*.020*	*.020*	*.949*																					
			6.4	0.80	0.80	24.1	N123K2-0635-0008-GF		★				★			★				★				★			7°
			.250	*.031*	*.031*	*.949*																					
			7.1	0.80	0.80	23.8	N123K2-0714-0008-GF		★				★			★				★				★			7°
			.281	*.031*	*.031*	*.937*																					
		L	7.9	0.80	0.80	29.0	N123L2-0792-0008-GF		★				★			★				★				★			7°
			.312	*.031*	*.031*	*1.142*																					
			8.0	0.20	0.20	29.6	N123L2-0800-0002-GF		☆	★			☆	★	☆	★	☆	☆		☆	☆	★		★	☆	☆	7°
			.315	*.008*	*.008*	*1.165*																					

SSC = To correspond with SSC on holder. N = Neutral

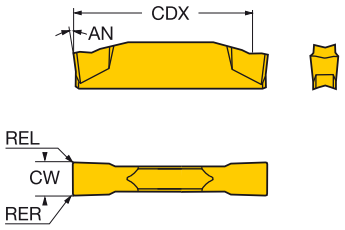
Tolerances:								
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x2-GF	-0.020	0.020	-.0008	.0008	-0.05	0.05	-.0020	.0020

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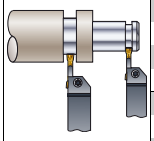
CoroCut® 1-2 insert for grooving

Grooving





CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	Ordering code	P 1125	P 1145	P 2135	M 1125	M 1145	M 2135	M H13A	K 1125	K 2135	K 3115	K 4325	K H13A	N 1125	N 2135	N H13A	S 1125	S 1145	S 2135	S H13A	Dimensions, mm, inch AN
Medium		E	2.0	0.20	0.20	18.8	N123E2-0200-0002-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			.079	*.008*	*.008*	*.740*																					
			2.4	0.20	0.20	18.4	N123E2-0239-0002-GM	☆		★	☆		★	☆	☆	☆	☆	★	☆	☆	☆	★	★		☆	☆	7°
			.094	*.008*	*.008*	*.724*																					
		G	3.0	0.30	0.30	18.2	N123G2-0300-0003-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			.118	*.012*	*.012*	*.717*																					
			3.2	0.30	0.30	18.0	N123G2-0318-0003-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			.125	*.012*	*.012*	*.709*																					
		H	4.0	0.30	0.30	23.0	N123H2-0400-0003-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			.157	*.012*	*.012*	*.906*																					
		J	4.8	0.30	0.30	22.6	N123J2-0475-0003-GM	☆		★	☆		★	☆	☆	☆	☆	★	☆	☆	☆	★	★		☆	☆	7°
			.187	*.012*	*.012*	*.890*																					
			5.0	0.40	0.40	22.9	N123J2-0500-0004-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			.197	*.016*	*.016*	*.902*																					
		K	6.0	0.40	0.40	22.7	N123K2-0600-0004-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			.236	*.016*	*.016*	*.894*																					
			6.4	0.25	0.25	22.6	N123K2-0635-0003-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			.250	*.010*	*.010*	*.890*																					
		L	7.9	0.30	0.30	28.7	N123L2-0792-0003-GM	★			★				☆			★		★			★				7°
			.312	*.012*	*.012*	*1.130*																					
			8.0	0.50	0.50	28.4	N123L2-0800-0005-GM	☆		★	☆		★	☆	☆	☆	☆	★	☆	☆	☆	★	★		☆	☆	7°
			.315	*.020*	*.020*	*1.118*																					
		M	9.1	0.80	0.80	28.0	N123M2-0900-0008-GM	★			★				☆			★		★			★				7°
			.356	*.031*	*.031*	*1.102*																					
			10.0	0.80	0.80	28.0	N123M2-1000-0008-GM	★			★				☆			★		★			★				7°
			.394	*.031*	*.031*	*1.102*																					

SSC = To correspond with SSC on holder. N = Neutral

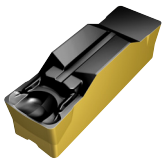
Tolerances:

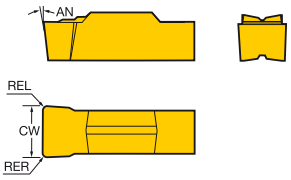
Ordering code	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123E2-0200-0002-GM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123E2-0239-0002-GM	-0.050	0.050	-.0020	.0020	-0.10	0.10	-.0039	.0039
N123G2-0300-0003-GM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123G2-0318-0003-GM	-0.050	0.050	-.0020	.0020	-0.10	0.10	-.0039	.0039
N123H2-0400-0003-GM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123J2-0475-0003-GM	-0.050	0.050	-.0020	.0020	-0.10	0.10	-.0039	.0039
N123J2-0500-0004-GM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123K2-0600-0004-GM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123K2-0635-0003-GM	-0.050	0.050	-.0020	.0020	-0.10	0.10	-.0039	.0039
N123L2-0792-0003-GM	-0.050	0.050	-.0020	.0020	-0.10	0.10	-.0039	.0039
N123L2-0800-0005-GM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123M2-0900-0008-GM	-0.100	0.100	-.0039	.0039	-0.10	0.10	-.0039	.0039
N123M2-1000-0008-GM	-0.100	0.100	-.0039	.0039	-0.10	0.10	-.0039	.0039

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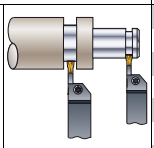
CoroCut® 1-2 insert for grooving

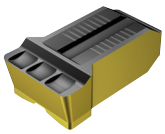
Grooving

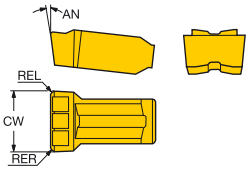


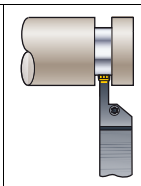


CoroCut® 1-edge

		SSC	CW	REL	RER	Ordering code	P 1105	P 1125	P 1145	M 1105	M 1125	M 1145	M H13A	K 1125	K 4325	K H13A	N 1105	N 1125	N H13A	S 1105	S 1125	S 1145	S H13A	Dimensions, mm, inch AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		M	9.00	0.80	0.80	N123M1-0900-0008-GM	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°	-0.030	0.030	-0.050	0.050
			.354	*.031*	*.031*																				*-.0012*	*.0012*	*-.0020*	*.0020*
			9.53	0.80	0.80	N123M1-0953-0008-GM	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°	-0.030	0.030	-0.050	0.050
			.375	*.031*	*.031*																				*-.0012*	*.0012*	*-.0020*	*.0020*
			10.00	0.80	0.80	N123M1-1000-0008-GM	☆	★	☆	☆	★	☆		☆	★		★	☆		★	☆	☆		7°	-0.030	0.030	-0.050	0.050
			.394	*.031*	*.031*																				*-.0012*	*.0012*	*-.0020*	*.0020*
			11.00	0.80	0.80	N123M1-1100-0008-GM	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°	-0.030	0.030	-0.050	0.050
			.433	*.031*	*.031*																				*-.0012*	*.0012*	*-.0020*	*.0020*
		R	12.00	0.80	0.80	N123R1-1200-0008-GM	☆	★		☆	★			☆	★		★	☆		★	☆			13°	-0.100	0.100	-0.100	0.100
			.472	*.031*	*.031*																				*-.0039*	*.0039*	*-.0039*	*.0039*
			12.70	0.80	0.80	N123R1-1270-0008-GM	☆	★		☆	★			☆	★		★	☆		★	☆			13°	-0.100	0.100	-0.100	0.100
			.500	*.031*	*.031*																				*-.0039*	*.0039*	*-.0039*	*.0039*
			15.00	0.80	0.80	N123R1-1500-0008-GM	☆	★		☆	★			☆	★		★	☆		★	☆			13°	-0.100	0.100	-0.100	0.100
			.591	*.031*	*.031*																				*-.0039*	*.0039*	*-.0039*	*.0039*





		SSC	CW	REL	RER	Ordering code	P 1125	P 2135	M 1125	M 2135	K 1125	K 2135	K 4325	N 1125	N 2135	S 1125	S 2135	Dimensions, mm, inch AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Pre-machining		R	15.00	1.20	1.20	N123R1-1500-0010-GR	★	☆	☆	★	☆	☆	★	★	☆	★	☆	13°	-0.080	0.080	-0.100	0.100
			.591	*.047*	*.047*														*-.0032*	*.0032*	*-.0039*	*.0039*

SSC = To correspond with SSC on holder.

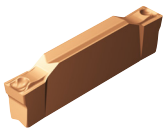
N = Neutral

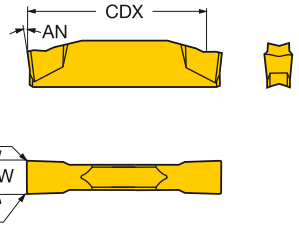
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CoroCut® 1-2 insert for grooving

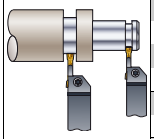
Grooving

For circlip grooves





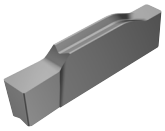
CoroCut® 2-edge

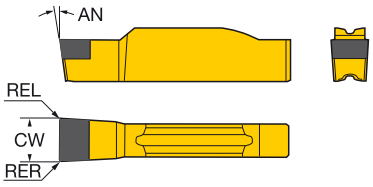
		SSC	CW	REL	RER	CDX	Ordering code	P 1105	P 1125	M 1105	M 1125	M H13A	K 1125	K H13A	N 1105	N 1125	N H13A	S 1105	S 1125	S H13A	Dimensions, mm, inch AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		E	1.85	0.10	0.10	19.3	N123E2-0185-0001-GF	☆	★	☆	★	☆	★	☆	☆	☆	★	★	☆	☆	7°	0.090	0.130	-0.050	0.050
			.073	*.004*	*.004*	*.760*																*.0035*	*.0051*	*-.0020*	*.0020*
			2.15	0.10	0.10	19.3	N123E2-0215-0001-GF		★		★	☆	★	☆		☆	★		★	☆	7°	0.090	0.130	-0.050	0.050
			.085	*.004*	*.004*	*.760*																*.0035*	*.0051*	*-.0020*	*.0020*
		F	2.65	0.20	0.20	19.2	N123F2-0265-0002-GF		★		★	☆	★	☆		☆	★		★	☆	7°	0.090	0.130	-0.050	0.050
			.104	*.008*	*.008*	*.756*																*.0035*	*.0051*	*-.0020*	*.0020*
		G	3.15	0.20	0.20	19.2	N123G2-0315-0002-GF		★		★		★			★			★		7°	0.090	0.130	-0.050	0.050
			.124	*.008*	*.008*	*.756*																*.0035*	*.0051*	*-.0020*	*.0020*
		H	4.15	0.20	0.20	24.4	N123H2-0415-0002-GF		★		★		★			★			★		7°	0.090	0.130	-0.050	0.050
			.163	*.008*	*.008*	*.961*																*.0035*	*.0051*	*-.0020*	*.0020*
		J	5.15	0.20	0.20	24.4	N123J2-0515-0002-GF		★		★		★			★			★		7°	0.090	0.130	-0.050	0.050
			.203	*.008*	*.008*	*.961*																*.0035*	*.0051*	*-.0020*	*.0020*

SSC = To correspond with SSC on holder. N = Neutral

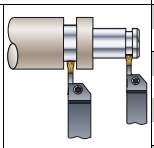
CoroCut® 1-2 insert for grooving

For grooving of hardened materials





CoroCut® 1-edge

		SSC	CW	RE	REL	RER	Ordering code	S 7015	H 7015	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		G	3.00		0.40	0.40	N123G1-030004S01025	★	★	7°	-0.020	0.020	-0.050	0.050
			.118		*.016*	*.016*					*-.0008*	*.0008*	*-.0020*	*.0020*
		H	4.00		0.40	0.40	N123H1-040004S01025	★	★	7°	-0.020	0.020	-0.050	0.050
			.157		*.016*	*.016*					*-.0008*	*.0008*	*-.0020*	*.0020*
			5.00		0.40	0.40	N123H1-050004S01025	★	★	7°	-0.020	0.020	-0.050	0.050
			.197		*.016*	*.016*					*-.0008*	*.0008*	*-.0020*	*.0020*
		J	6.00		0.40	0.40	N123J1-060004S01025	★	★	7°	-0.020	0.020	-0.050	0.050
			.236		*.016*	*.016*					*-.0008*	*.0008*	*-.0020*	*.0020*
		L	8.00	0.80	0.80	0.80	N123L1-080008S01025	★	★	7°	-0.020	0.020	-0.050	0.050
			.315	*.031*	*.031*	*.031*					*-.0008*	*.0008*	*-.0020*	*.0020*

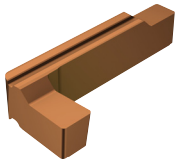
SSC = To correspond with SSC on holder.

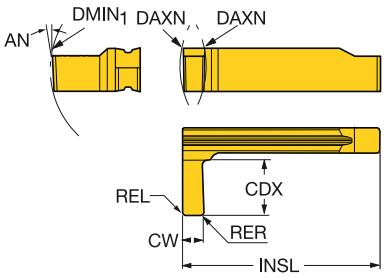
N = Neutral

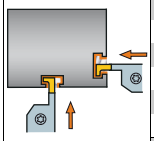
B5 B5 B162 B183 B173 H37 H28 H17

CoroCut® 1-2 insert for grooving

Grooving





		SSC	CW	REL	RER	CDX	$DMIN_1$	DAXIN	Ordering code	P 1115	M 1115	S 1115	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
			Dimensions, mm, inch														
Finishing		HX	2.00	0.20	0.20	4.0	44.0	100.0	R/LG123H1-0200-0002-GS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.079	*.008*	*.008*	*.157*	*1.732*	*3.937*						*-.0008*	*.0008*	*-.0020*	*.0020*
			3.00	0.20	0.20	5.0	44.0	98.0	R/LG123H1-0300-0002-GS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.118	*.008*	*.008*	*.197*	*1.732*	*3.858*						*-.0008*	*.0008*	*-.0020*	*.0020*
			4.00	0.40	0.40	6.0	44.0	96.0	R/LG123H1-0400-0004-GS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.157	*.016*	*.016*	*.236*	*1.732*	*3.780*						*-.0008*	*.0008*	*-.0020*	*.0020*
		LX	2.00	0.20	0.20	6.0	62.0	143.0	R/LG123L1-0200-0002-GS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.079	*.008*	*.008*	*.236*	*2.441*	*5.630*						*-.0008*	*.0008*	*-.0020*	*.0020*
			3.00	0.20	0.20	9.0	62.0	141.0	R/LG123L1-0300-0002-GS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.118	*.008*	*.008*	*.354*	*2.441*	*5.551*						*-.0008*	*.0008*	*-.0020*	*.0020*
			4.00	0.40	0.40	9.0	62.0	139.0	R/LG123L1-0400-0004-GS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.157	*.016*	*.016*	*.354*	*2.441*	*5.472*						*-.0008*	*.0008*	*-.0020*	*.0020*

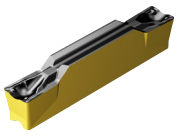
SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

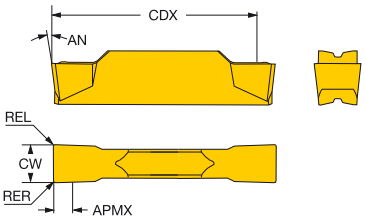
B5 B5 B162 B183 B173 H37 H28 H17

CoroCut® 1-2 insert for turning

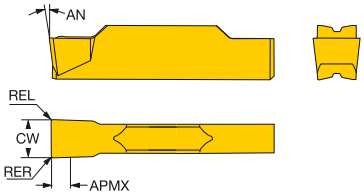
Turning



N123x2-TF

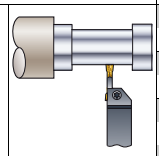


N123x1-TF

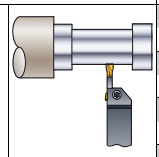


Wiper TECHNOLOGY

CoroCut® 1-edge

		SSC	CW	REL	RER	APMX	Ordering code	P 1125	P 1145	P 2135	P 4325	M 1125	M 1145	M 2135	M H13A	K 1125	K 2135	K 3115	K 4325	K H13A	N 1125	N 2135	N H13A	S 1125	S 1145	S 2135	S H13A	Dimensions, mm, inch AN
Finishing		G	3.0	0.30	0.30	1.8	N123G1-0300-0003-TF	★	☆	☆	☆	☆	☆	★	☆	☆	☆		★	☆	☆	☆	★	★	☆	☆	☆	7°
			.118	*.012*	*.012*	*.071*																						
		H	4.0	0.40	0.40	2.2	N123H1-0400-0004-TF	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			.157	*.016*	*.016*	*.087*																						
		K	6.0	0.40	0.40	3.4	N123K1-0600-0004-TF	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			.236	*.016*	*.016*	*.134*																						

CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	APMX	Ordering code	P 1105	P 1125	P 1145	P 2135	P 4325	P 525	M 1105	M 1125	M 1145	M 2135	M H13A	K 1125	K 2135	K 3115	K 4325	K H13A	N 1105	N 1125	N 2135	N H13A	S 1105	S 1125	S 1145	S 2135	S H13A	Dimensions, mm, inch AN
Finishing		G	3.0	0.30	0.30	18.5	1.8	N123G2-0300-0003-TF	☆	★		☆	☆	☆	☆	☆		★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆		☆	☆	7°
			.118	*.012*	*.012*	*.728*	*.071*																												
		H	4.0	0.40	0.40	23.3	2.2	N123H2-0400-0004-TF	☆	★		☆	☆	☆	☆	☆		★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆		☆	☆	7°
			.157	*.016*	*.016*	*.917*	*.087*																												
		J	5.0	0.40	0.40	23.3	2.7	N123J2-0500-0004-TF	☆	★		☆	☆		☆	☆		★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆		☆	☆	7°
			.197	*.016*	*.016*	*.917*	*.106*																												
		K	6.0	0.40	0.40	23.3	3.4	N123K2-0600-0004-TF	☆	★	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	☆	☆	7°
			.236	*.016*	*.016*	*.917*	*.134*																												
		L	8.0	0.80	0.80	28.0	4.0	N123L2-0800-0008-TF	☆	★		☆	☆		☆	☆		★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆		☆	☆	7°
			.315	*.031*	*.031*	*1.102*	*.157*																												

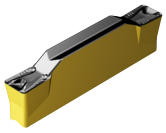
SSC = To correspond with SSC on holder. N = Neutral

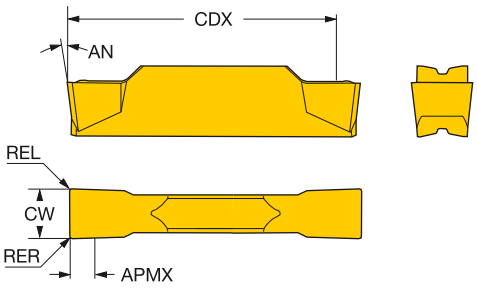
Tolerances:								
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1-TF	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-TF	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039

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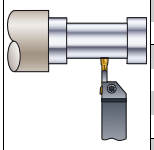
CoroCut® 1-2 insert for turning

Turning





CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	APMX	Ordering code	P 1105	P 1125	P 1145	P 2135	P 4325	P 525	M 1105	M 1125	M 1145	M 2135	M H13A	K 1125	K 2135	K 3115	K 4325	K H13A	N 1105	N 1125	N 2135	N H13A	S 1105	S 1125	S 1145	S 2135	S H13A	Dimensions, mm, inch AN
Medium		G	3.0	0.40	0.40	18.4	1.8	N123G2-0300-0004-TM	☆	★	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			.118	*.016*	*.016*	*.724*	*.071*																											
		H	4.0	0.40	0.40	23.4	2.2	N123H2-0400-0004-TM		★	☆	☆	☆			☆	☆	★	☆	☆	☆	☆	★	☆		☆	☆	★		★	☆	☆	☆	7°
			.157	*.016*	*.016*	*.921*	*.087*																											
			4.0	0.80	0.80	23.4	2.2	N123H2-0400-0008-TM	☆	★	☆	☆	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			.157	*.031*	*.031*	*.921*	*.087*																											
		J	5.0	0.40	0.40	23.4	2.7	N123J2-0500-0004-TM		★	☆	☆	☆			☆	☆	★	☆	☆	☆	☆	★	☆		☆	☆	★		★	☆	☆	☆	7°
			.197	*.016*	*.016*	*.921*	*.106*																											
			5.0	0.80	0.80	23.0	2.7	N123J2-0500-0008-TM	☆	★	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			.197	*.031*	*.031*	*.906*	*.106*																											
		K	6.0	0.40	0.40	23.4	3.4	N123K2-0600-0004-TM		★	☆	☆	☆			☆	☆	★	☆	☆	☆	☆	★	☆		☆	☆	★		★	☆	☆	☆	7°
			.236	*.016*	*.016*	*.921*	*.134*																											
			6.0	0.80	0.80	23.0	3.4	N123K2-0600-0008-TM	☆	★	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			.236	*.031*	*.031*	*.906*	*.134*																											
		L	8.0	0.80	0.80	28.0	4.0	N123L2-0800-0008-TM	☆	★	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			.315	*.031*	*.031*	*1.102*	*.157*																											
			8.0	1.20	1.20	27.6	4.0	N123L2-0800-0012-TM		★	☆	☆	☆			☆	☆	★	☆	☆	☆	☆	★	☆		☆	☆	★		★	☆	☆	☆	7°
			.315	*.047*	*.047*	*1.087*	*.157*																											

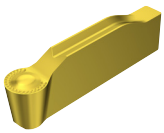
SSC = To correspond with SSC on holder. N = Neutral

Tolerances:								
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x2-TM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039

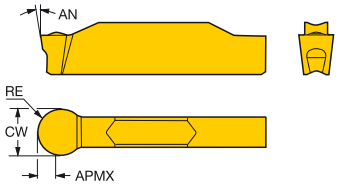
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CoroCut® 1-2 insert for profiling

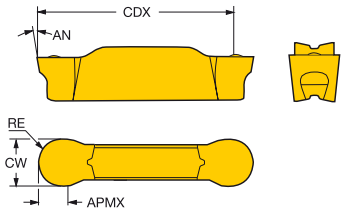
Profiling



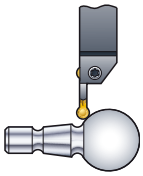
N123x1-RO



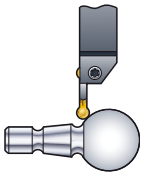
N123x2-RO



CoroCut® 1-edge

		SSC	CW	RE	APMX	Ordering code	P 1105	P 1125	M 1105	M 1125	M S05F	K 1125	N 1105	N 1125	S 1105	S 1125	S S05F	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		F	3.00	1.50	1.3	N123F1-0300-RO	☆	★	☆	★	☆	★	☆	★	★	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.118	*.059*	*.051*														*-.0008*	*.0008*	*-.0004*	*.0004*
			3.18	1.59	1.4	N123F1-0318-RO	☆	★	☆	★	☆	★	☆	★	★	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.125	*.062*	*.055*														*-.0008*	*.0008*	*-.0004*	*.0004*
		H	4.00	2.00	1.8	N123H1-0400-RO	☆	★	☆	★	☆	★	☆	★	★	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.157	*.079*	*.071*														*-.0008*	*.0008*	*-.0004*	*.0004*
			4.75	2.38	2.2	N123H1-0475-RO	☆	★	☆	★	☆	★	☆	★	★	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.187	*.094*	*.087*														*-.0008*	*.0008*	*-.0004*	*.0004*
			5.00	2.50	2.3	N123H1-0500-RO	☆	★	☆	★	☆	★	☆	★	★	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.197	*.098*	*.091*														*-.0008*	*.0008*	*-.0004*	*.0004*
		J	6.00	3.00	2.8	N123J1-0600-RO	☆	★	☆	★	☆	★	★	☆	★	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.236	*.118*	*.110*														*-.0008*	*.0008*	*-.0004*	*.0004*
		L	8.00	4.00	3.8	N123L1-0800-RO		★		★	☆	★		★		★	☆	7°	-0.020	0.020	-0.010	0.010
			.315	*.157*	*.150*														*-.0008*	*.0008*	*-.0004*	*.0004*

CoroCut® 2-edge

		SSC	CW	RE	CDX	APMX	Ordering code	P 1105	P 1125	P 2135	M 1105	M 1125	M 2135	M H13A	M S05F	K 1125	K 2135	K H13A	N 1105	N 1125	N 2135	N H13A	S 1105	S 1125	S 2135	S H13A	S S05F	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		E	2.00	1.00	19.2	0.8	N123E2-0200-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	★	☆	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.079	*.039*	*.756*	*.031*																							*-.0008*	*.0008*	*-.0004*	*.0004*
			2.39	1.20	19.0	1.0	N123E2-0239-RO		★			★			☆	★					★				★			☆	7°	-0.020	0.020	-0.010	0.010
			.094	*.047*	*.748*	*.039*																							*-.0008*	*.0008*	*-.0004*	*.0004*
		F	3.00	1.50	18.7	1.3	N123F2-0300-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.118	*.059*	*.736*	*.051*																							*-.0008*	*.0008*	*-.0004*	*.0004*
			3.18	1.59	18.6	1.4	N123F2-0318-RO	☆	★		☆	★		☆	☆	★	☆	☆	☆		★	★	☆		☆	☆	7°	-0.020	0.020	-0.010	0.010
			.125	*.062*	*.732*	*.055*																							*-.0008*	*.0008*	*-.0004*	*.0004*
		H	3.96	1.98	23.3	1.8	N123H2-0396-RO		★			★		☆	☆	★		☆		☆		★		★		☆	☆	7°	-0.020	0.020	-0.010	0.010
			.156	*.078*	*.917*	*.071*																							*-.0008*	*.0008*	*-.0004*	*.0004*
			4.00	2.00	23.3	1.8	N123H2-0400-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.157	*.079*	*.917*	*.071*																							*-.0008*	*.0008*	*-.0004*	*.0004*
			4.50	2.25	23.0	2.1	N123H2-0450-RO		★			★		☆		★		☆		☆		★		★		☆		7°	-0.020	0.020	-0.010	0.010
			.177	*.089*	*.906*	*.083*																							*-.0008*	*.0008*	*-.0004*	*.0004*
			4.75	2.38	22.9	2.2	N123H2-0475-RO	☆	★		☆	★		☆	☆	★	☆	☆	★		☆	★	☆		☆	☆	7°	-0.020	0.020	-0.010	0.010
			.187	*.094*	*.902*	*.087*																							*-.0008*	*.0008*	*-.0004*	*.0004*
			5.00	2.50	22.8	2.3	N123H2-0500-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	★	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.197	*.098*	*.898*	*.091*																							*-.0008*	*.0008*	*-.0004*	*.0004*
		J	6.00	3.00	22.2	2.8	N123J2-0600-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	★	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.236	*.118*	*.874*	*.110*																							*-.0008*	*.0008*	*-.0004*	*.0004*
			6.35	3.18	22.0	3.0	N123J2-0635-RO		★			★		☆	☆	★		☆		☆		★		★		☆	☆	7°	-0.020	0.020	-0.010	0.010
			.250	*.125*	*.866*	*.118*																							*-.0008*	*.0008*	*-.0004*	*.0004*
		K	7.14	3.57	21.6	3.4	N123K2-0714-RO		★			★				★				☆				★				7°	-0.020	0.020	-0.010	0.010
			.281	*.141*	*.850*	*.134*																							*-.0008*	*.0008*	*-.0004*	*.0004*
		L	8.00	4.00	27.3	3.8	N123L2-0800-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	★	☆	★	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.315	*.157*	*1.075*	*.150*																							*-.0008*	*.0008*	*-.0004*	*.0004*

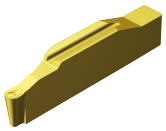
SSC = To correspond with SSC on holder.

N = Neutral

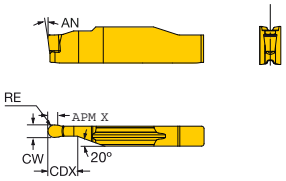
B5 B5 B162 B183 B173 H37 H28 H17

CoroCut® 1-2 insert for profiling

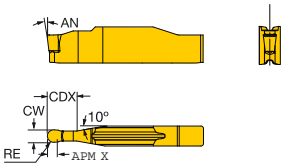
Profiling



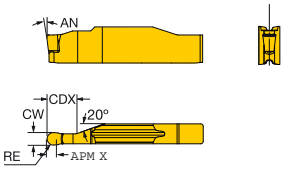
L123H1-0200-RO



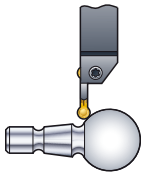
N123H1-0200-RO



R123H1-0200-RO



CoroCut® 1-edge

		SSC	CW	RE	CDX	APMX	Ordering code	P 1105	P 1125	M 1105	M 1125	M S05F	K 1125	N 1105	N 1125	S 1105	S 1125	S S05F	Dimensions, mm, inch AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		HL	2.00	1.00	5.0	0.8	L123H1-0200-RO	☆	★	☆	★	☆	★	☆	★	★	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.079	*.039*	*.197*	*.031*														*-.0008*	*.0008*	*-.0004*	*.0004*
		HN	2.00	1.00	5.0	0.8	N123H1-0200-RO	☆	★	☆	★	☆	★	☆	★	★	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.079	*.039*	*.197*	*.031*														*-.0008*	*.0008*	*-.0004*	*.0004*
		HR	2.00	1.00	5.0	0.8	R123H1-0200-RO	☆	★	☆	★	☆	★	☆	★	★	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.079	*.039*	*.197*	*.031*														*-.0008*	*.0008*	*-.0004*	*.0004*

SSC = To correspond with SSC on holder.

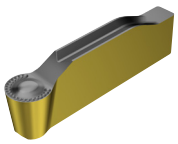
N = Neutral, R = Right hand, L = Left hand

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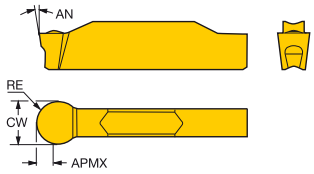
SANDVIK Coromant

CoroCut® 1-2 insert for profiling

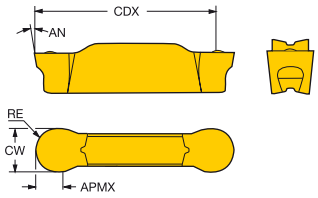
Profiling



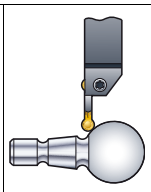
N123x1-RM



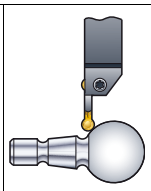
N123x2-RM



CoroCut® 1-edge

		SSC	CW	RE	APMX	Ordering code	P 1125	P 2135	M 1125	M 2135	M H13A	K 1125	K 2135	K 3115	K 4325	K H13A	N 1125	N 2135	N H13A	S 1125	S 2135	S H13A	Dimensions, mm, inch AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		G	4.00	2.00	1.8	N123G1-0400-RM	☆	★	☆	★	☆	☆	☆		★	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100
			.157	*.079*	*.071*																			*.0000*	*.0039*	*-.0039*	*.0039*
		J	6.00	3.00	2.8	N123J1-0600-RM	☆	★	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100
			.236	*.118*	*.110*																			*.0000*	*.0039*	*-.0039*	*.0039*
		L	8.00	4.00	3.8	N123L1-0800-RM	☆	★	☆	★	☆	☆	☆		★	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100
			.315	*.157*	*.150*																			*.0000*	*.0039*	*-.0039*	*.0039*

CoroCut® 2-edge

		SSC	CW	RE	CDX	APMX	Ordering code	P 1125	P 2135	P 525	M 1125	M 2135	M H13A	K 1125	K 2135	K 3115	K 4325	K H13A	N 1125	N 2135	N H13A	S 1125	S 2135	S H13A	Dimensions, mm, inch AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		F	3.00	1.50	18.6	1.3	N123F2-0300-RM	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100
			.118	*.059*	*.732*	*.051*																			*.0000*	*.0039*	*-.0039*	*.0039*
			3.18	1.59	18.6	1.4	N123F2-0318-RM	☆	☆		☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°	-0.050	0.050	-0.100	0.100
			.125	*.062*	*.732*	*.055*																			*-.0020*	*.0020*	*-.0039*	*.0039*
		G	4.00	2.00	18.1	1.8	N123G2-0400-RM	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100
			.157	*.079*	*.713*	*.071*																			*.0000*	*.0039*	*-.0039*	*.0039*
		H	4.00	2.00	23.1	1.8	N123H2-0400-RM	☆	★		☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100
			.157	*.079*	*.909*	*.071*																			*.0000*	*.0039*	*-.0039*	*.0039*
			4.75	2.38	22.9	2.2	N123H2-0475-RM	☆	★		☆	★		☆	☆	☆	★		★	☆		★	☆		7°	-0.050	0.050	-0.100	0.100
			.187	*.094*	*.902*	*.087*																			*-.0020*	*.0020*	*-.0039*	*.0039*
			5.00	2.50	22.7	2.3	N123H2-0500-RM	☆	★		☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100
			.197	*.098*	*.894*	*.091*																			*.0000*	*.0039*	*-.0039*	*.0039*
		J	6.00	3.00	22.2	2.8	N123J2-0600-RM	☆	★		☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100
			.236	*.118*	*.874*	*.110*																			*.0000*	*.0039*	*-.0039*	*.0039*
			6.35	3.18	22.0	3.0	N123J2-0635-RM	☆	★		☆	★		☆	☆	☆	★		★	☆		★	☆		7°	-0.050	0.050	-0.100	0.100
			.250	*.125*	*.866*	*.118*																			*-.0020*	*.0020*	*-.0039*	*.0039*
		L	8.00	4.00	27.0	3.8	N123L2-0800-RM	☆	★		☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100
			.315	*.157*	*1.063*	*.150*																			*.0000*	*.0039*	*-.0039*	*.0039*

SSC = To correspond with SSC on holder.

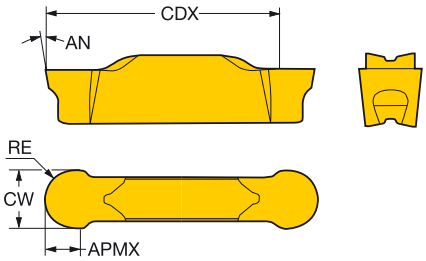
N = Neutral

B5 B5 B162 B183 B173 H37 H28 H17

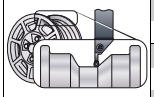
CoroCut® 1-2 insert for profiling

Aluminum profiling





CoroCut® 2-edge

		SSC	CW	RE	CDX	APMX	Ordering code	N H10	S H10	Dimensions, mm, inch AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		J	6.00	3.00	22.2	2.8	N123J2-0600-AM	★	★	7°	-0.020	0.020	-0.020	0.020
			.236	*.118*	*.874*	*.110*					*-.0008*	*.0008*	*-.0008*	*.0008*
		L	8.00	4.00	27.3	3.8	N123L2-0800-AM	★	★	7°	-0.020	0.020	-0.020	0.020
			.315	*.157*	*1.075*	*.150*					*-.0008*	*.0008*	*-.0008*	*.0008*

SSC = To correspond with SSC on holder. N = Neutral

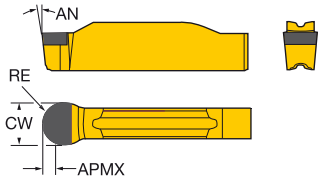
B5 B5 B162 B5 B173 H37 H28 H17

SANDVIK Coromant

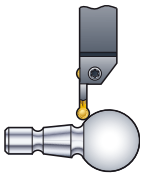
CoroCut® 1-2 insert for profiling

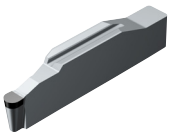
Profiling non-ferrous and hardened materials



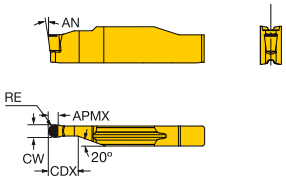


CoroCut® 1-edge

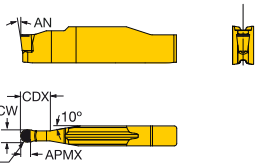
		SSC	CW	RE	APMX	Ordering code	N CD10	S 7015	H 7015	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		F	3.00	1.50	1.3	N123F1-0300-RS	★			7°	-0.020	0.020	-0.020	0.020
			.118	*.059*	*.051*						*-.0008*	*.0008*	*-.0008*	*.0008*
			3.00	1.50	2.5	N123F1-0300S01025		★	★	7°	-0.020	0.020	-0.020	0.020
			.118	*.059*	*.098*						*-.0008*	*.0008*	*-.0008*	*.0008*
		H	4.00	2.00	1.8	N123H1-0400-RS	★			7°	-0.020	0.020	-0.020	0.020
			.157	*.079*	*.071*						*-.0008*	*.0008*	*-.0008*	*.0008*
			4.00	2.00	3.4	N123H1-0400S01025		★	★	7°	-0.020	0.020	-0.020	0.020
			.157	*.079*	*.134*						*-.0008*	*.0008*	*-.0008*	*.0008*
			5.00	2.50	2.3	N123H1-0500-RS	★			7°	-0.020	0.020	-0.020	0.020
			.197	*.098*	*.091*						*-.0008*	*.0008*	*-.0008*	*.0008*
			5.00	2.50	4.5	N123H1-0500S01025		★	★	7°	-0.020	0.020	-0.020	0.020
			.197	*.098*	*.177*						*-.0008*	*.0008*	*-.0008*	*.0008*
		J	6.00	3.00	2.8	N123J1-0600-RS	★			7°	-0.020	0.020	-0.020	0.020
			.236	*.118*	*.110*						*-.0008*	*.0008*	*-.0008*	*.0008*
			6.00	3.00	5.3	N123J1-0600S01025		★	★	7°	-0.020	0.020	-0.020	0.020
			.236	*.118*	*.209*						*-.0008*	*.0008*	*-.0008*	*.0008*
		L	8.00	4.00	3.8	N123L1-0800-RS	★			7°	-0.020	0.020	-0.020	0.020
			.315	*.157*	*.150*						*-.0008*	*.0008*	*-.0008*	*.0008*



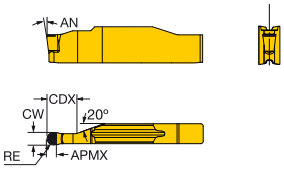
L123H1-0200-RS



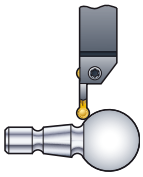
N123H1-0200-RS



R123H1-0200-RS



CoroCut® 1-edge

		SSC	CW	RE	CDX	APMX	Ordering code	N CD10	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		HL	2.00	1.00	5.0	0.8	L123H1-0200-RS	★	7°	-0.020	0.020	-0.010	0.010
			.079	*.039*	*.197*	*.031*				*-.0008*	*.0008*	*-.0004*	*.0004*
		HN	2.00	1.00	5.0	0.8	N123H1-0200-RS	★	7°	-0.020	0.020	-0.020	0.020
			.079	*.039*	*.197*	*.031*				*-.0008*	*.0008*	*-.0008*	*.0008*
		HR	2.00	1.00	5.0	0.8	R123H1-0200-RS	★	7°	-0.020	0.020	-0.010	0.010
			.079	*.039*	*.197*	*.031*				*-.0008*	*.0008*	*-.0004*	*.0004*

SSC = To correspond with SSC on holder.

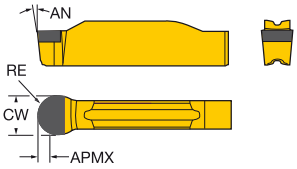
N = Neutral, R = Right hand, L = Left hand

B5 B5 B162 B183 B173 H37 H28 H17

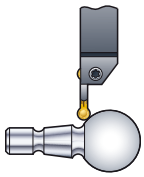
CoroCut® 1-2 insert for profiling

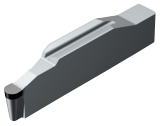
Profiling hardened materials and heat resistant super alloys



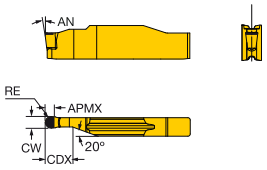


CoroCut® 1-edge

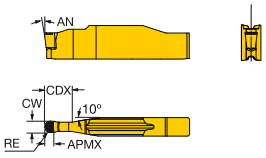
		SSC	CW	RE	APMX	Ordering code	S 7015	H 7015	H 7025	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
										Dimensions, mm, inch				
Finishing		F	3.00	1.50	0.6	N123F1-0300-RE	★	★	☆	7°	-0.020	0.020	-0.020	0.020
			.118	*.059*	*.024*						*-.0008*	*.0008*	*-.0008*	*.0008*
			3.18	1.59	0.6	N123F1-0318-RE	★	★		7°	-0.020	0.020	-0.020	0.020
			.125	*.062*	*.024*						*-.0008*	*.0008*	*-.0008*	*.0008*
		H	4.00	2.00	0.7	N123H1-0400-RE	★	★	☆	7°	-0.020	0.020	-0.020	0.020
			.157	*.079*	*.026*						*-.0008*	*.0008*	*-.0008*	*.0008*
			5.00	2.50	0.7	N123H1-0500-RE	★	★		7°	-0.020	0.020	-0.020	0.020
			.197	*.098*	*.028*						*-.0008*	*.0008*	*-.0008*	*.0008*
		J	6.00	3.00	0.8	N123J1-0600-RE	★	★		7°	-0.020	0.020	-0.020	0.020
			.236	*.118*	*.030*						*-.0008*	*.0008*	*-.0008*	*.0008*
			6.35	3.18	0.8	N123J1-0635-RE	★	★		7°	-0.020	0.020	-0.020	0.020
			.250	*.125*	*.030*						*-.0008*	*.0008*	*-.0008*	*.0008*
		L	8.00	4.00	0.9	N123L1-0800-RE	★	★		7°	-0.020	0.020	-0.020	0.020
			.315	*.157*	*.033*						*-.0008*	*.0008*	*-.0008*	*.0008*



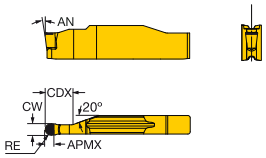
L123H1-0200-RE



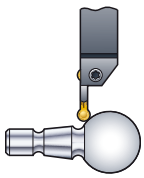
N123H1-0200-RE



R123H1-0200-RE



CoroCut® 1-edge

		SSC	CW	RE	CDX	APMX	Ordering code	S 7015	H 7015	H 7025	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
											Dimensions, mm, inch				
Finishing		HL	2.00	1.00	5.0	0.5	L123H1-0200-RE	★	★		7°	-0.020	0.020	-0.010	0.010
			.079	*.039*	*.197*	*.020*						*-.0008*	*.0008*	*-.0004*	*.0004*
		HN	2.00	1.00	5.0	0.5	N123H1-0200-RE	★	★	☆	7°	-0.020	0.020	-0.010	0.010
			.079	*.039*	*.197*	*.020*						*-.0008*	*.0008*	*-.0004*	*.0004*
		HR	2.00	1.00	5.0	0.5	R123H1-0200-RE	★	★		7°	-0.020	0.020	-0.010	0.010
			.079	*.039*	*.197*	*.020*						*-.0008*	*.0008*	*-.0004*	*.0004*

SSC = To correspond with SSC on holder.

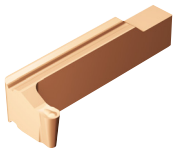
N = Neutral, R = Right hand, L = Left hand

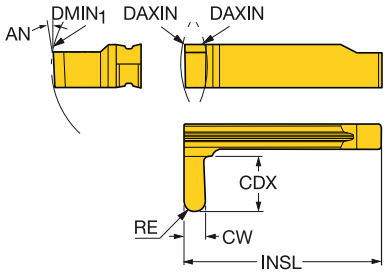
B5 B5 B162 B5 B173 H37 H28 H17

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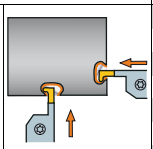
CoroCut® 1-2 insert for profiling

Profiling





CoroCut® 1-edge

		SSC	CW	RE	CDX	DMIN1	DAXIN	APMX	Ordering code	P 1115	M 1115	S 1115	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
			Dimensions, mm, inch														
Finishing		HX	2.00	1.00	4.0	44.0	100.0	0.8	R/LG123H1-0200-0010-RS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.079	.039	.157	1.732	3.937	.031						-.0008	.0008	-.0020	.0020
			2.00	1.00	4.0	44.0	100.0	0.8	R/LG123H1-0200-RO	★	★	★	7°	-0.020	0.020	-0.010	0.010
			.079	.039	.157	1.732	3.937	.031						-.0008	.0008	-.0004	.0004
			3.00	1.50	5.0	44.0	98.0	1.3	R/LG123H1-0300-0015-RS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.118	.059	.197	1.732	3.858	.051						-.0008	.0008	-.0020	.0020
			3.00	1.50	5.0	44.0	98.0	1.3	R/LG123H1-0300-RO	★	★	★	7°	-0.020	0.020	-0.010	0.010
			.118	.059	.197	1.732	3.858	.051						-.0008	.0008	-.0004	.0004
			4.00	2.00	6.0	44.0	96.0	1.8	R/LG123H1-0400-0020-RS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.157	.079	.236	1.732	3.780	.071						-.0008	.0008	-.0020	.0020
		LX	2.00	1.00	6.0	62.0	143.0	0.3	R/LG123L1-0200-0010-RS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.079	.039	.236	2.441	5.630	.012						-.0008	.0008	-.0020	.0020
			2.00	1.00	6.5	62.0	143.0	0.8	R/LG123L1-0200-RO	★	★	★	7°	-0.020	0.020	-0.010	0.010
			.079	.039	.256	2.441	5.630	.031						-.0008	.0008	-.0004	.0004
			3.00	1.50	9.0	62.0	141.0	1.3	R/LG123L1-0300-0015-RS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.118	.059	.354	2.441	5.551	.051						-.0008	.0008	-.0020	.0020
			3.00	1.50	9.5	62.0	141.0	1.3	R/LG123L1-0300-RO	★	★	★	7°	-0.020	0.020	-0.010	0.010
			.118	.059	.374	2.441	5.551	.051						-.0008	.0008	-.0004	.0004
			4.00	2.00	9.0	62.0	139.0	1.8	R/LG123L1-0400-0020-RS	★	★	★	7°	-0.020	0.020	-0.050	0.050
			.157	.079	.354	2.441	5.472	.071						-.0008	.0008	-.0020	.0020

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

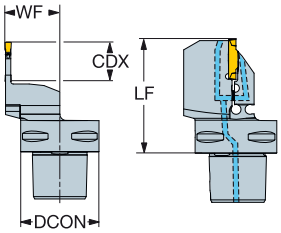
B5 B5 B162 B183 B173 H37 H28 H17

CoroCut® 1-2 cutting unit for parting and grooving

Spring-lock design

Coromant Capto® - Precision coolant supply





	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	KG	MIID
	E	C3	15.0	55.0	3	C3-R/LF123E15C22055E	32	55.0	22.0	150	0.37	N123E2-0200-0002-CM
			.591	*2.165*			*1.260*	*2.165*	*.866*	*2175*		
		C4	15.0	60.0	3	C4-R/LF123E15C27060E	40	60.0	27.0	150	0.54	N123E2-0200-0002-CM
			.591	*2.362*			*1.575*	*2.362*	*1.063*	*2175*		
		C5	15.0	60.0	3	C5-R/LF123E15C35060E	50	60.0	35.0	150	0.77	N123E2-0200-0002-CM
			.591	*2.362*			*1.969*	*2.362*	*1.378*	*2175*		
	F	C3	15.0	55.0	3	C3-R/LF123F15C22055E	32	55.0	22.0	150	0.37	N123F2-0250-0002-CM
			.591	*2.165*			*1.260*	*2.165*	*.866*	*2175*		
		C4	15.0	60.0	3	C4-R/LF123F15C27060E	40	60.0	27.0	150	0.55	N123F2-0250-0002-CM
			.591	*2.362*			*1.575*	*2.362*	*1.063*	*2175*		
		C5	20.0	65.0	3	C5-R/LF123F20C35065E	50	65.0	35.0	150	0.63	N123F2-0250-0002-CM
			.787	*2.559*			*1.969*	*2.559*	*1.378*	*2175*		
	G	C3	15.0	55.0	3	C3-R/LF123G15C22055E	32	55.0	22.0	150	0.38	N123G2-0300-0003-TF
			.591	*2.165*			*1.260*	*2.165*	*.866*	*2175*		
		C3	20.0	60.0	3	C3-R/LF123G20C22060E	32	60.0	22.0	150	0.38	N123G2-0300-0003-TF
			.787	*2.362*			*1.260*	*2.362*	*.866*	*2175*		
		C4	15.0	60.0	3	C4-R/LF123G15C27060E	40	60.0	27.0	150	0.54	N123G2-0300-0003-TF
			.591	*2.362*			*1.575*	*2.362*	*1.063*	*2175*		
		C4	20.0	65.0	3	C4-R/LF123G20C27065E	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
			.787	*2.559*			*1.575*	*2.559*	*1.063*	*2175*		
		C5	15.0	60.0	3	C5-R/LF123G15C35060E	50	60.0	35.0	150	0.78	N123G2-0300-0003-TF
			.591	*2.362*			*1.969*	*2.362*	*1.378*	*2175*		
		C5	20.0	65.0	3	C5-R/LF123G20C35065E	50	65.0	35.0	150	0.78	N123G2-0300-0003-TF
			.787	*2.559*			*1.969*	*2.559*	*1.378*	*2175*		
		C6	15.0	60.0	3	C6-R/LF123G15C45060E	63	60.0	45.0	150	1.17	N123G2-0300-0003-TF
			.591	*2.362*			*2.480*	*2.362*	*1.772*	*2175*		
		C6	20.0	65.0	3	C6-R/LF123G20C45065E	63	65.0	45.0	150	1.18	N123G2-0300-0003-TF
			.787	*2.559*			*2.480*	*2.559*	*1.772*	*2175*		
	H	C3	20.0	60.0	3	C3-R/LF123H20C22060E	32	60.0	22.0	150	0.38	N123H2-0400-0004-TF
			.787	*2.362*			*1.260*	*2.362*	*.866*	*2175*		
		C4	20.0	65.0	3	C4-R/LF123H20C27065E	40	65.0	27.0	150	0.55	N123H2-0400-0004-TF
			.787	*2.559*			*1.575*	*2.559*	*1.063*	*2175*		
		C4	25.0	70.0	3	C4-R/LF123H25C27070E	40	70.0	27.0	150	0.56	N123H2-0400-0004-TF
			.984	*2.756*			*1.575*	*2.756*	*1.063*	*2175*		
		C5	25.0	70.0	3	C5-R/LF123H25C35070E	50	70.0	35.0	150	0.80	N123H2-0400-0004-TF
			.984	*2.756*			*1.969*	*2.756*	*1.378*	*2175*		
		C6	20.0	65.0	3	C6-R/LF123H20C45065E	63	65.0	45.0	150	1.20	N123H2-0400-0004-TF
			.787	*2.559*			*2.480*	*2.559*	*1.772*	*2175*		
		C6	25.0	70.0	3	C6-R/LF123H25C45070E	63	70.0	45.0	150	1.19	N123H2-0400-0004-TF
			.984	*2.756*			*2.480*	*2.756*	*1.772*	*2175*		
		C8	25.0	80.0	3	C8-R/LF123H25C51080E	80	80.0	42.0	150	2.28	N123H2-0400-0004-TF
			.984	*3.150*			*3.150*	*3.150*	*1.654*	*2175*		
	J	C4	20.0	65.0	3	C4-R/LF123J20C27065E	40	65.0	27.0	150	0.56	N123J2-0500-0004-TF
			.787	*2.559*			*1.575*	*2.559*	*1.063*	*2175*		
		C4	25.0	48.8	3	C4-R/LF123J25C27070E	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF
			.984	*1.922*			*1.575*	*2.756*	*1.063*	*2175*		
		C5	25.0	70.0	3	C5-R/LF123J25C35070E	50	70.0	35.0	150	0.80	N123J2-0500-0004-TF
			.984	*2.756*			*1.969*	*2.756*	*1.378*	*2175*		
		C6	25.0	70.0	3	C6-R/LF123J25C45070E	63	70.0	45.0	150	1.21	N123J2-0500-0004-TF
			.984	*2.756*			*2.480*	*2.756*	*1.772*	*2175*		
		C8	25.0	80.0	3	C8-R/LF123J25C51080E	80	80.0	42.0	150	2.30	N123J2-0500-0004-TF
			.984	*3.150*			*3.150*	*3.150*	*1.654*	*2175*		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

B5 F2 E3 G2 H37 H28 H18 H5

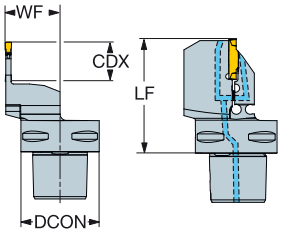
SANDVIK Coromant

CoroCut® 1-2 cutting unit for parting and grooving

Spring-lock design

Coromant Capto® - Precision coolant supply





	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	KG	MIID
	K	C4	20.0	65.0	3	C4-R/LF123K20C27065E	40	65.0	27.0	150	0.57	N123K2-0600-0004-TF
			.787	*2.559*			*1.575*	*2.559*	*1.063*	*2175*		
		C4	25.0	48.8	3	C4-R/LF123K25C27070E	40	70.0	27.0	150	0.57	N123K2-0600-0004-TF
			.984	*1.922*			*1.575*	*2.756*	*1.063*	*2175*		
		C5	25.0	70.0	3	C5-R/LF123K25C35070E	50	70.0	35.0	150	0.81	N123K2-0600-0004-TF
			.984	*2.756*			*1.969*	*2.756*	*1.378*	*2175*		
		C6	25.0	70.0	3	C6-R/LF123K25C45070E	63	70.0	45.0	150	1.21	N123K2-0600-0004-TF
			.984	*2.756*			*2.480*	*2.756*	*1.772*	*2175*		
		C8	25.0	80.0	3	C8-R/LF123K25C51080E	80	80.0	42.0	150	2.29	N123K2-0600-0004-TF
			.984	*3.150*			*3.150*	*3.150*	*1.654*	*2175*		
	L	C5	25.0	70.0	3	C5-R/LF123L25C35070E	50	70.0	35.0	150	0.81	N123L2-0800-0008-TF
			.984	*2.756*			*1.969*	*2.756*	*1.378*	*2175*		
		C6	25.0	70.0	3	C6-R/LF123L25C45070E	63	70.0	45.0	150	1.21	N123L2-0800-0008-TF
			.984	*2.756*			*2.480*	*2.756*	*1.772*	*2175*		
		C6	32.0	80.0	3	C6-R/LF123L32C45080E	63	80.0	45.0	150	1.28	N123L2-0800-0008-TF
			1.260	*3.150*			*2.480*	*3.150*	*1.772*	*2175*		
		C8	32.0	85.0	3	C8-R/LF123L32C51085E	80	85.0	42.0	150	2.28	N123L2-0800-0008-TF
			1.260	*3.346*			*3.150*	*3.346*	*1.654*	*2175*		
	M	C6	32.0	80.0	3	C6-R/LF123M32C45080E	63	80.0	45.0	150	1.31	N123M2-1000-0008-GM
			1.260	*3.150*			*2.480*	*3.150*	*1.772*	*2175*		
		C8	32.0	85.0	3	C8-R/LF123M32C51085E	80	85.0	42.0	150	2.31	N123M2-1000-0008-GM
			1.260	*3.346*			*3.150*	*3.346*	*1.654*	*2175*		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

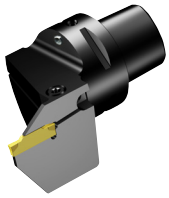
For spare parts, visit www.sandvik.coromant.com

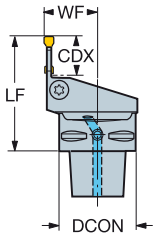
B5 F2 E3 G2 H37 H28 H18 H5

CoroCut® 1-2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply





	SSC	CZC_{MS}	CDX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	D	C3	8.0	3	C3-R/LF123D08-22050B	32	50.0	22.0	10	2.0	0.25	N123D2-0150-0002-CM
			.315			1.260	1.969	.866	145			
		C3	15.0	3	C3-R/LF123D15-22050B	32	50.0	22.0	10	3.5	0.26	N123D2-0150-0002-CM
			.591			1.260	1.969	.866	145			
		C4	8.0	3	C4-R/LF123D08-27050B	40	50.0	27.0	10	3.0	0.40	N123D2-0150-0002-CM
			.315			1.575	1.969	1.063	145			
		C4	15.0	3	C4-R/LF123D15-27055B	40	55.0	27.0	10	3.5	0.45	N123D2-0150-0002-CM
			.591			1.575	2.165	1.063	145			
		C5	8.0	3	C5-R/LF123D08-35055B	50	55.0	35.0	10	2.0	0.65	N123D2-0150-0002-CM
			.315			1.969	2.165	1.378	145			
		C5	15.0	3	C5-R/LF123D15-35055B	50	55.0	35.0	10	3.5	0.70	N123D2-0150-0002-CM
			.591			1.969	2.165	1.378	145			
	E	C3	8.0	3	C3-R/LF123E08-22050B	32	50.0	22.0	10	2.0	0.25	N123E2-0200-0002-CM
			.315			1.260	1.969	.866	145			
		C4	8.0	3	C4-R/LF123E08-27050B	40	50.0	27.0	10	3.7	0.40	N123E2-0200-0002-CM
			.315			1.575	1.969	1.063	145			
		C5	8.0	3	C5-R/LF123E08-35060B	50	60.0	35.0	10	2.0	0.69	N123E2-0200-0002-CM
			.315			1.969	2.362	1.378	145			
	F	C3	10.0	3	C3-R/LF123F10-22050B	32	55.0	22.0	10	3.0	0.25	N123F2-0250-0002-CM
			.394			1.260	2.165	.866	145			
		C4	10.0	3	C4-R/LF123F10-27050B	40	50.0	27.0	10	5.0	0.40	N123F2-0250-0002-CM
			.394			1.575	1.969	1.063	145			
		C5	10.0	3	C5-R/LF123F10-35060B	50	60.0	35.0	10	2.5	0.68	N123F2-0250-0002-CM
			.394			1.969	2.362	1.378	145			
	G	C3	10.0	3	C3-R/LF123G10-22050B	32	55.0	22.0	10	4.5	0.25	N123G2-0300-0003-TF
			.394			1.260	2.165	.866	145			
		C4	10.0	3	C4-R/LF123G10-27055B	40	55.0	27.0	10	4.0	0.41	N123G2-0300-0003-TF
			.394			1.575	2.165	1.063	145			
		C5	10.0	3	C5-R/LF123G10-35060B	50	60.0	35.0	10	4.5	0.69	N123G2-0300-0003-TF
			.394			1.969	2.362	1.378	145			
		C6	10.0	3	C6-R/LF123G10-45065B	63	65.0	45.0	10	3.0	1.15	N123G2-0300-0003-TF
			.394			2.480	2.559	1.772	145			
	H	C3	13.0	3	C3-R/LF123H13-22055B	32	60.0	22.0	10	4.5	0.29	N123H2-0400-0004-TF
			.512			1.260	2.362	.866	145			
		C4	13.0	3	C4-R/LF123H13-27055B	40	55.0	27.0	10	7.5	0.41	N123H2-0400-0004-TF
			.512			1.575	2.165	1.063	145			
		C5	13.0	3	C5-R/LF123H13-35060B	50	60.0	35.0	10	5.0	0.68	N123H2-0400-0004-TF
			.512			1.969	2.362	1.378	145			
		C6	13.0	3	C6-R/LF123H13-45065B	63	65.0	45.0	10	4.0	1.14	N123H2-0400-0004-TF
			.512			2.480	2.559	1.772	145			
	J	C4	13.0	3	C4-R/LF123J13-27055B	40	55.0	27.0	10	7.5	0.41	N123J2-0500-0002-CM
			.512			1.575	2.165	1.063	145			
		C5	13.0	3	C5-R/LF123J13-35060B	50	60.0	35.0	10	5.0	0.68	N123J2-0500-0002-CM
			.512			1.969	2.362	1.378	145			
		C6	13.0	3	C6-R/LF123J13-45065B	63	65.0	45.0	10	4.0	1.15	N123J2-0500-0002-CM
			.512			2.480	2.559	1.772	145			
		C8	13.0	3	C8-R/LF123J13-42080B	80	80.0	42.0	10	3.5	2.29	N123J2-0500- GM
			.512			3.150	3.150	1.654	145			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com

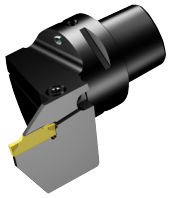
B5 F2 E3 G2 H37 H28 H18 H5

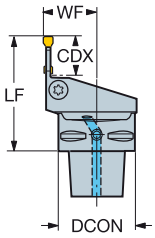
SANDVIK Coromant

CoroCut® 1-2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply





	SSC	CZC_{MS}	CDX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	K	C4	16.0	3	C4-R/LF123K16-27060B	40	60.0	27.0	10	6.5	0.44	N123K2-0600-0004-TF
			.630			*1.575*	*2.362*	*1.063*	*145*			
		C5	16.0	3	C5-R/LF123K16-35060B	50	60.0	35.0	10	7.0	0.68	N123K2-0600-0004-TF
			.630			*1.969*	*2.362*	*1.378*	*145*			
		C6	16.0	3	C6-R/LF123K16-45065B	63	65.0	45.0	10	5.2	1.14	N123K2-0600-0004-TF
			.630			*2.480*	*2.559*	*1.772*	*145*			
		C8	16.0	3	C8-R/LF123K16-42080B	80	80.0	42.0	10	4.0	2.28	N123K2-0600-GM
			.630			*3.150*	*3.150*	*1.654*	*145*			
	L	C5	13.0	3	C5-R/LF123L13-35060B	50	60.0	35.0	10	5.5	0.68	N123L2-0800-0008-TF
			.512			*1.969*	*2.362*	*1.378*	*145*			
		C6	16.0	3	C6-R/LF123L16-45065B	63	65.0	45.0	10	5.5	1.13	N123L2-0800-0008-TF
			.630			*2.480*	*2.559*	*1.772*	*145*			
		C8	25.0	3	C8-R/LF123L25-42080B	80	80.0	42.0	10	8.0	2.20	N123L2-0800-0008-TF
			.984			*3.150*	*3.150*	*1.654*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com

	Spare parts	
Ordering code	Screw	Nozzle
C3-R/LF123D08-22050B	3212 012-259	5691 029-01
C3-R/LF123D15-22050B	3212 012-259	5691 029-06
C4-R/LF123D08-27050B	3212 012-259	5691 029-01
C4-R/LF123D15-27055B	3212 012-259	5691 029-01
C5-R/LF123D08-35055B	3212 012-259	5691 029-02
C5-R/LF123D15-35055B	3212 012-259	5691 029-02
C3-R/LF123E08-22050B	3212 012-259	5691 029-01
C4-R/LF123E08-27050B	3212 012-259	5691 029-01
C5-R/LF123E08-35060B	3212 012-259	5691 029-02
C3-R/LF123F10-22050B	3212 012-259	5691 029-01
C4-R/LF123F10-27050B	3212 012-259	5691 029-01
C5-R/LF123F10-35060B	3212 012-259	5691 029-02
C3-R/LF123G10-22050B	3212 012-310	5691 029-01
C4-R/LF123G10-27055B	3212 012-310	5691 029-01
C5-R/LF123G10-35060B	3212 012-310	5691 029-02
C6-R/LF123G10-45065B	3212 012-310	5691 029-02
C3-R/LF123H13-22055B	3212 012-360	5691 029-01
C4-R/LF123H13-27055B	3212 012-360	5691 029-01
C5-R/LF123H13-35060B	3212 012-360	5691 029-02
C6-R/LF123H13-45065B	3212 012-360	5691 029-02
C4-R/LF123J13-27055B	3212 012-360	5691 029-01
C5-R/LF123J13-35060B	3212 012-360	5691 029-02
C6-R/LF123J13-45065B	3212 012-360	5691 029-02
C8-R/LF123J13-42080B	3212 012-360	
C4-R/LF123K16-27060B	3212 012-360	5691 029-01
C5-R/LF123K16-35060B	3212 012-360	5691 029-02
C6-R/LF123K16-45065B	3212 012-360	5691 029-02
C8-R/LF123K16-42080B	3212 012-360	
C5-R/LF123L13-35060B	3212 012-360	5691 029-02
C6-R/LF123L16-45065B	3212 012-360	5691 029-02
C8-R/LF123L25-42080B	3212 012-360	

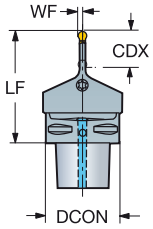
B5 F2 E3 G2 H37 H28 H18 H5

CoroCut® 1-2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply





	SSC	CZC_{MS}	CDX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	G	C3	20.0	3	C3-NF123G20-00060B	32	60.0	2.0	10	5.0	0.28	N123G2-0400- RM
			.787			*1.260*	*2.362*	*.079*	*145*			
		C4	20.0	3	C4-NF123G20-00070B	40	70.0	2.0	10	5.0	0.50	N123G2-0400- RM
			.787			*1.575*	*2.756*	*.079*	*145*			
		C5	20.0	3	C5-NF123G20-00070B	50	70.0	2.0	10	5.0	0.77	N123G2-0400- RM
			.787			*1.969*	*2.756*	*.079*	*145*			
		C6	20.0	3	C6-NF123G20-00075B	63	75.0	2.0	10	5.0	1.30	N123G2-0400- RM
			.787			*2.480*	*2.953*	*.079*	*145*			
	J	C4	25.0	3	C4-NF123J25-00077B	40	77.0	3.0	10	6.0	0.52	N123J2-0500-0004-TF
			.984			*1.575*	*3.032*	*.118*	*145*			
		C5	25.0	3	C5-NF123J25-00077B	50	77.0	3.0	10	6.0	0.72	N123J2-0500-0004-TF
			.984			*1.969*	*3.032*	*.118*	*145*			
		C6	25.0	3	C6-NF123J25-00082B	63	82.0	3.0	10	6.0	1.41	N123J2-0500-0004-TF
			.984			*2.480*	*3.228*	*.118*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts	
SSC	CZC_{MS}	Screw	Nozzle
G	C3-C4	3212 012-310	5691 029-01
G	C5-C6	3212 012-310	5691 029-02
J	C4	3212 012-360	5691 029-01
J	C5-C6	3212 012-360	5691 029-02

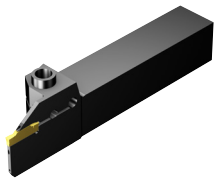
For the complete list of spare parts, visit www.sandvik.coromant.com

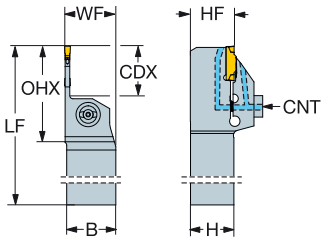
B5 F2 E3 G2 H37 H28 H18 H5

CoroCut® 1-2 shank tool for parting and grooving

Spring-lock design

Internal coolant supply





Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions B	H	LF	WF	HF	CNT	BAR	KG	MIID
	K	32 x 32	25.0	48.8	2	**R/LF123K25C3232E**	32.0	32.0	170.0	33.2	32.0	G1/8	150	1.27	N123K2-0600-0004-TF
	L	32 x 32	32.0	55.4	2	**R/LF123L32C3232E**	32.0	32.0	170.0	33.2	32.0	G1/8	150	1.23	N123L2-0800-0008-TF
	M	32 x 32	32.0	56.4	2	**R/LF123M32C3232E**	32.0	32.0	170.0	33.2	32.0	G1/8	150	1.27	N123M2-1000-0008-GM

Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CNT	PSI	LBS	MIID
	K	1 1/4 x 1	1.000	1.938	2	**R/LF123K100C20E**	1.250	1.250	6.961	1.277	1.250	G1/8	2175	2.609	N123K2-0600-0004-TF
	L	1 1/4 x 1	1.250	2.173	2	**R/LF123L125C20E**	1.250	1.250	6.953	1.318	1.250	G1/8	2175	2.521	N123L2-0800-0008-TF
	M	1 1/4 x 1	1.250	2.211	2	**R/LF123M125C20E**	1.250	1.250	6.953	1.318	1.250	G1/8	2175	2.614	N123M2-1000-0008-GM

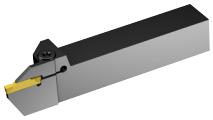
SSC = To correspond with SSC on insert.

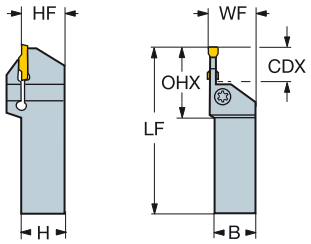
R = Right hand, L = Left hand

B5 F2 E3 G2 H37 H28 H18 H5

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design





Metric version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	D	16 x 16	8.0	25.5	R/LF123D08-1616B	16.0	16.0	100.0	17.0	16.0	2.5	0.22	N123D2-0150-0002-CM
		16 x 16	15.0	33.5	R/LF123D15-1616B	16.0	16.0	100.0	17.0	16.0	3.5	0.20	N123D2-0150-0002-CM
		20 x 20	8.0	25.5	R/LF123D08-2020B	20.0	20.0	125.0	21.0	20.0	2.5	0.40	N123D2-0150-0002-CM
		20 x 20	15.0	33.5	R/LF123D15-2020B	20.0	20.0	125.0	21.0	20.0	3.5	0.38	N123D2-0150-0002-CM
		25 x 25	8.0	25.5	R/LF123D08-2525B	25.0	25.0	150.0	26.0	25.0	2.5	0.72	N123D2-0150-0002-CM
		25 x 25	15.0	33.5	R/LF123D15-2525B	25.0	25.0	150.0	26.0	25.0	3.5	0.72	N123D2-0150-0002-CM
	E	16 x 16	8.0	25.5	R/LF123E08-1616B	16.0	16.0	125.0	17.0	16.0	2.5	0.26	N123E2-0200-0002-CM
		16 x 16	15.0	33.5	R/LF123E15-1616B	16.0	16.0	125.0	17.0	16.0	4.0	0.25	N123E2-0200-0002-CM
		20 x 20	8.0	25.5	R/LF123E08-2020B	20.0	20.0	125.0	21.0	20.0	2.5	0.38	N123E2-0200-0002-CM
		20 x 20	15.0	33.5	R/LF123E15-2020B	20.0	20.0	125.0	21.0	20.0	4.0	0.36	N123E2-0200-0002-CM
		25 x 25	8.0	25.5	R/LF123E08-2525B	25.0	25.0	150.0	26.0	25.0	2.5	0.72	N123E2-0200-0002-CM
		25 x 25	15.0	33.5	R/LF123E15-2525B	25.0	25.0	150.0	26.0	25.0	4.0	0.69	N123E2-0200-0002-CM
	F	16 x 16	10.0	29.0	R/LF123F10-1616B	16.0	16.0	125.0	17.0	16.0	3.0	0.26	N123F2-0250-0002-CM
		16 x 16	20.0	22.4	R/LF123F20-1616B	16.0	16.0	125.0	17.0	16.0	4.0	0.25	N123F2-0250-0002-CM
		20 x 20	10.0	29.0	R/LF123F10-2020B	20.0	20.0	125.0	21.0	20.0	3.0	0.35	N123F2-0250-0002-CM
		20 x 20	20.0	22.4	R/LF123F20-2020B	20.0	20.0	125.0	21.0	20.0	4.0	0.36	N123F2-0250-0002-CM
		25 x 25	10.0	29.0	R/LF123F10-2525B	25.0	25.0	150.0	26.0	25.0	3.0	0.72	N123F2-0250-0002-CM
		25 x 25	20.0	22.4	R/LF123F20-2525B	25.0	25.0	150.0	26.0	25.0	4.0	0.67	N123F2-0250-0002-CM
		32 x 25	20.0	40.0	R/LF123F20-3225B	25.0	32.0	170.0	26.0	32.0	4.0	0.99	N123F2-0250-0002-CM
	G	16 x 16	10.0	22.4	R/LF123G10-1616B	16.0	16.0	125.0	17.0	16.0	3.5	0.26	N123G2-0300-0003-TF
		16 x 16	20.0	41.0	R/LF123G20-1616B	16.0	16.0	125.0	17.0	16.0	5.0	0.26	N123G2-0300-0003-TF
		20 x 20	10.0	22.4	R/LF123G10-2020B	20.0	20.0	125.0	21.0	20.0	3.5	0.40	N123G2-0300-0003-TF
		20 x 20	20.0	41.0	R/LF123G20-2020B	20.0	20.0	125.0	21.0	20.0	5.0	0.36	N123G2-0300-0003-TF
		25 x 25	10.0	22.4	R/LF123G10-2525B	25.0	25.0	150.0	26.0	25.0	3.5	0.73	N123G2-0300-0003-TF
		25 x 25	20.0	41.0	R/LF123G20-2525B	25.0	25.0	150.0	26.0	25.0	5.0	0.68	N123G2-0300-0003-TF
		32 x 25	10.0	30.0	R/LF123G10-3225B	25.0	32.0	170.0	26.0	32.0	3.5	1.05	N123G2-0300-0003-TF
		32 x 25	20.0	41.0	R/LF123G20-3225B	25.0	32.0	170.0	26.0	32.0	5.0	0.99	N123G2-0300-0003-TF
		32 x 32	20.0	41.0	R/LF123G20-3232B	32.0	32.0	170.0	33.0	32.0	5.0	1.24	N123G2-0300-0003-TF
	H	16 x 16	13.0	34.0	R/LF123H13-1616B	16.0	16.0	125.0	17.0	16.0	4.5	0.21	N123H2-0400-0004-TF
		16 x 16	25.0	47.0	R/LF123H25-1616B	16.0	16.0	125.0	17.0	16.0	7.0	0.26	N123H2-0400-0004-TF
		20 x 20	13.0	34.0	R/LF123H13-2020BM	20.0	20.0	125.0	21.0	20.0	4.5	0.41	N123H2-0400-0004-TF
		20 x 20	25.0	47.0	R/LF123H25-2020BM	20.0	20.0	125.0	21.0	20.0	7.0	0.40	N123H2-0400-0004-TF
		25 x 25	13.0	34.0	R/LF123H13-2525BM	25.0	25.0	150.0	26.0	25.0	4.5	0.73	N123H2-0400-0004-TF
		25 x 25	25.0	47.0	R/LF123H25-2525BM	25.0	25.0	150.0	26.0	25.0	7.0	0.68	N123H2-0400-0004-TF
		32 x 25	13.0	34.0	R/LF123H13-3225BM	25.0	32.0	170.0	26.0	32.0	4.5	1.05	N123H2-0400-0004-TF
		32 x 25	25.0	47.0	R/LF123H25-3225BM	25.0	32.0	170.0	26.0	32.0	7.0	0.97	N123H2-0400-0004-TF
		32 x 32	13.0	34.0	R/LF123H13-3232BM	32.0	32.0	170.0	33.0	32.0	4.5	1.31	N123H2-0400-0004-TF
		32 x 32	25.0	47.0	R/LF123H25-3232BM	32.0	32.0	170.0	33.0	32.0	7.0	1.22	N123H2-0400-0004-TF
	J	20 x 20	13.0	34.0	R/LF123J13-2020BM	20.0	20.0	125.0	21.0	20.0	5.0	0.41	N123J2-0500-0002-CM
		25 x 25	13.0	34.0	R/LF123J13-2525BM	25.0	25.0	150.0	26.0	25.0	5.0	0.73	N123J2-0500-0002-CM
		25 x 25	22.0	30.0	R/LF123J22-2525B	25.0	25.0	150.0	26.0	25.0	6.0	0.70	N123J2-0500-0004-TF
		25 x 25	32.0	57.0	R/LF123J32-2525BM	25.0	25.0	150.0	26.0	25.0	7.5	0.68	N123J2-0500-0002-CM
		32 x 25	13.0	34.0	R/LF123J13-3225BM	25.0	32.0	170.0	26.0	32.0	5.0	1.05	N123J2-0500-0002-CM
		32 x 25	32.0	57.0	R/LF123J32-3225BM	25.0	32.0	170.0	26.0	32.0	7.5	0.97	N123J2-0500-0002-CM
		32 x 32	13.0	34.0	R/LF123J13-3232BM	32.0	32.0	170.0	33.0	32.0	5.0	1.32	N123J2-0500-0002-CM
		32 x 32	32.0	57.0	R/LF123J32-3232BM	32.0	32.0	170.0	33.0	32.0	7.5	1.21	N123J2-0500-0002-CM
	K	25 x 25	16.0	39.0	R/LF123K16-2525BM	25.0	25.0	150.0	26.0	25.0	5.5	0.74	N123K2-0600-0004-TF
		25 x 25	32.0	58.0	R/LF123K32-2525BM	25.0	25.0	150.0	26.0	25.0	7.5	0.69	N123K2-0600-0004-TF
		32 x 25	16.0	39.0	R/LF123K16-3225BM	25.0	32.0	170.0	26.0	32.0	5.5	1.05	N123K2-0600-0004-TF
		32 x 25	32.0	58.0	R/LF123K32-3225BM	25.0	32.0	170.0	26.0	32.0	7.5	0.96	N123K2-0600-0004-TF
		32 x 32	16.0	39.0	R/LF123K16-3232BM	32.0	32.0	170.0	33.0	32.0	5.5	1.29	N123K2-0600-0004-TF
		32 x 32	32.0	58.0	R/LF123K32-3232BM	32.0	32.0	170.0	33.0	32.0	7.5	1.22	N123K2-0600-0004-TF

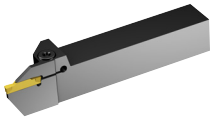
SSC = To correspond with SSC on insert.

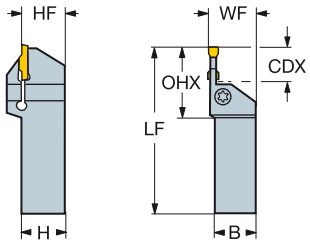
R = Right hand, L = Left hand

B5 F2 E3 H37 H28 H18

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design





Metric version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	L	25 x 25	16.0	41.0	R/LF123L16-2525BM	25.0	25.0	150.0	26.0	25.0	6.5	0.74	N123L2-0800-0008-TF
		25 x 25	25.0	52.0	R/LF123L25-2525BM	25.0	25.0	150.0	26.0	25.0	7.0	0.74	N123L2-0800-0008-TF
		32 x 25	25.0	52.0	R/LF123L25-3225BM	25.0	32.0	170.0	26.0	32.0	7.0	1.01	N123L2-0800-0008-TF
		32 x 25	32.0	60.0	R/LF123L32-3225BM	25.0	32.0	170.0	26.0	32.0	7.5	0.97	N123L2-0800-0008-TF
		32 x 32	32.0	60.0	R/LF123L32-3232BM	32.0	32.0	170.0	33.0	32.0	7.5	1.22	N123L2-0800-0008-TF
	M	32 x 32	32.0	63.9	R/LF123M32-3232B	32.0	32.0	250.0	34.0	32.0	9.0	2.13	N123M1-1100-0008-GM
		40 x 40	32.0	63.9	R/LF123M32-4040B	40.0	40.0	250.0	42.0	40.0	9.0	3.14	N123M1-1100-0008-GM
		40 x 40	50.0	63.9	R/LF123M50-4040B	40.0	40.0	250.0	42.0	40.0	4.5	2.78	N123M1-1100-0008-GM
	R	32 x 32	32.0	71.3	R/LF123R32-3232B	32.0	32.0	250.0	34.5	32.0	10.0	2.13	N123R1-1500-0010-GR
		40 x 40	32.0	71.3	R/LF123R32-4040B	40.0	40.0	250.0	42.5	40.0	10.0	3.15	N123R1-1500-0010-GR
		40 x 40	50.0	71.3	R/LF123R50-4040B	40.0	40.0	250.0	42.5	40.0	4.5	2.76	N123R1-1500-0010-GR

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

			Spare parts
SSC	CDX	CZC_{MS}	Screw
D,E,F	8-20	16 x 16-32 x 25	3212 012-259
G,H	10-25	16 x 16	3212 012-309
G	10-20	20 x 20-32 x 32	3212 012-310
H,J,K,L	13-16	20 x 20-32 x 32	5512 044-01
J	22	25 x 25	3212 012-360
H,J,K,L,M,R	25-32	20 x 20-40 x 40	5512 044-01
M,R	50	40 x 40	5512 046-01

For the complete list of spare parts, visit www.sandvik.coromant.com


B5

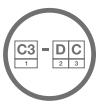

F2


E3



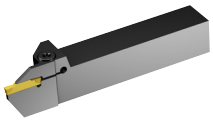
H37

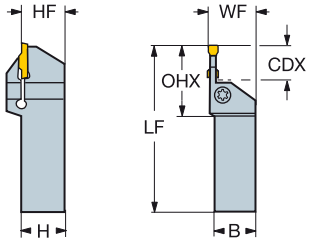

H28


H18

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design





Inch version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	D	1/2 x 1/2	.320	1.000	LF123D032-08B	.500	.500	4.500	.512	.500	1.8	.440	N123D2-0150-0002-CM
		5/8 x 5/8	.320	1.000	RF123D032-10B	.625	.625	4.500	.670	.625	1.8	.620	N123D2-0150-0002-CM
		5/8 x 5/8	.590	1.320	RF123D059-10B	.625	.625	4.500	.670	.625	2.6	.572	N123D2-0150-0002-CM
		3/4 x 3/4	.320	1.000	R/LF123D032-12B	.750	.750	4.500	.825	.750	1.8	.792	N123D2-0150-0002-CM
		3/4 x 3/4	.590	1.320	R/LF123D059-12B	.750	.750	4.500	.827	.750	2.6	.763	N123D2-0150-0002-CM
		1 x 1	.320	1.000	R/LF123D032-16B	1.000	1.000	5.000	1.028	1.000	1.8	1.364	N123D2-0150-0002-CM
		1 x 1	.590	1.320	R/LF123D059-16B	1.000	1.000	6.000	1.028	1.000	2.6	1.577	N123D2-0150-0002-CM
	E	1/2 x 1/2	.320	1.004	LF123E032-08B	.500	.500	4.500	.512	.500	1.8	.341	N123E2-0200-0002-CM
		1/2 x 1/2	.590	1.319	LF123E059-08B	.500	.500	4.500	.512	.500	3.0	.308	N123E2-0200-0002-CM
		5/8 x 5/8	.320	1.004	R/LF123E032-10B	.625	.625	4.500	.669	.625	1.8	.506	N123E2-0200-0002-CM
		5/8 x 5/8	.590	1.319	R/LF123E059-10B	.625	.625	4.500	.669	.625	3.0	.484	N123E2-0200-0002-CM
		3/4 x 3/4	.320	1.004	R/LF123E032-12B	.750	.750	4.500	.827	.750	1.8	.728	N123E2-0200-0002-CM
		3/4 x 3/4	.590	1.319	R/LF123E059-12B	.750	.750	5.000	.827	.750	3.0	.765	N123E2-0200-0002-CM
		1 x 1	.320	1.004	R/LF123E032-16B	1.000	1.000	5.000	1.024	1.000	1.8	1.408	N123E2-0200-0002-CM
		1 x 1	.590	1.319	R/LF123E059-16B	1.000	1.000	6.000	1.024	1.000	3.0	1.591	N123E2-0200-0002-CM
	F	5/8 x 5/8	.400	1.142	R/LF123F040-10B	.625	.625	4.500	.669	.625	2.2	.495	N123F2-0250-0002-CM
		5/8 x 5/8	.790	1.575	R/LF123F079-10B	.625	.625	4.500	.669	.625	3.0	.616	N123F2-0250-0002-CM
		3/4 x 3/4	.400	1.142	R/LF123F040-12B	.750	.750	4.500	.827	.750	2.2	1.056	N123F2-0250-0002-CM
		3/4 x 3/4	.790	1.575	R/LF123F079-12B	.750	.750	5.000	.827	.750	3.0	1.034	N123F2-0250-0002-CM
		1 x 1	.400	1.142	R/LF123F040-16B	1.000	1.000	5.000	1.024	1.000	2.2	1.320	N123F2-0250-0002-CM
		1 x 1	.790	1.575	R/LF123F079-16B	1.000	1.000	6.000	1.024	1.000	3.0	1.591	N123F2-0250-0002-CM
		1 1/4 x 1	.400	1.142	R/LF123F040-20B	1.250	1.250	6.000	1.299	1.250	2.2	2.640	N123F2-0250-0002-CM
		1 1/4 x 1	.790	1.575	R/LF123F079-20B	1.250	1.250	6.000	1.299	1.250	3.0	2.288	N123F2-0250-0002-CM
	G	5/8 x 5/8	.394	.880	R/LF123G040-10B	.625	.625	4.500	.669	.625	2.6	.510	N123G2-0300-0003-TF
		3/4 x 3/4	.400	.880	R/LF123G040-12B	.750	.750	4.500	.827	.750	2.6	.616	N123G2-0300-0003-TF
		3/4 x 3/4	.790	.880	R/LF123G079-12B	.750	.750	5.000	.827	.750	3.7	.770	N123G2-0300-0003-TF
		1 x 1	.400	.880	R/LF123G040-16B	1.000	1.000	5.000	1.024	1.000	2.6	1.390	N123G2-0300-0003-TF
		1 x 1	.790	.880	R/LF123G079-16B	1.000	1.000	6.000	1.024	1.000	3.7	1.452	N123G2-0300-0003-TF
		1 1/4 x 1	.400	.880	R/LF123G040-20B	1.250	1.250	6.000	1.299	1.250	2.6	2.508	N123G2-0300-0003-TF
		1 1/4 x 1	.790	.880	R/LF123G079-20B	1.250	1.250	6.000	1.299	1.250	3.7	2.332	N123G2-0300-0003-TF
	H	5/8 x 5/8	.512	1.339	R/LF123H051-10B	.625	.625	4.500	.669	.625	3.3	.503	N123H2-0400-0004-TF
		3/4 x 3/4	.510	1.338	R/LF123H051-12BM	.750	.750	4.500	.827	.750	3.3	.748	N123H2-0400-0004-TF
		3/4 x 3/4	.980	1.850	R/LF123H098-12BM	.750	.750	5.000	.827	.750	4.1	.788	N123H2-0400-0004-TF
		1 x 1	.510	1.338	R/LF123H051-16BM	1.000	1.000	5.000	1.024	1.000	3.7	1.364	N123H2-0400-0004-TF
		1 x 1	.980	1.850	R/LF123H098-16BM	1.000	1.000	6.000	1.024	1.000	5.2	1.531	N123H2-0400-0004-TF
		1 1/4 x 1	.510	1.338	R/LF123H051-20BM	1.250	1.250	6.000	1.299	1.250	3.7	2.525	N123H2-0400-0004-TF
		1 1/4 x 1	.980	1.850	R/LF123H098-20BM	1.250	1.250	6.000	1.299	1.250	5.2	2.343	N123H2-0400-0004-TF
	J	1 x 1	.510	1.338	R/LF123J051-16BM	1.000	1.000	5.000	1.024	1.000	3.7	1.382	N123J2-0500-0002-CM
		1 x 1	1.260	2.244	R/LF123J126-16BM	1.000	1.000	6.000	1.024	1.000	5.5	1.577	N123J2-0500-0002-CM
		1 1/4 x 1	.510	1.338	R/LF123J051-20BM	1.250	1.250	6.000	1.299	1.250	3.7	2.508	N123J2-0500-0002-CM
		1 1/4 x 1	1.260	2.244	R/LF123J126-20BM	1.250	1.250	6.000	1.299	1.250	5.5	2.112	N123J2-0500-0002-CM
		1 1/2 x 1	1.260	2.244	R/LF123J126-24BM	1.500	1.500	8.000	1.614	1.500	5.5	4.620	N123J2-0500-0002-CM
	K	1 x 1	.630	1.535	R/LF123K063-16BM	1.000	1.000	5.000	1.024	1.000	4.1	1.377	N123K2-0600-0004-TF
		1 x 1	1.260	2.283	R/LF123K126-16BM	1.000	1.000	6.000	1.024	1.000	5.5	1.560	N123K2-0600-0004-TF
		1 1/4 x 1	.630	1.535	R/LF123K063-20BM	1.250	1.250	6.000	1.299	1.250	4.1	2.499	N123K2-0600-0004-TF
		1 1/4 x 1	1.260	2.283	R/LF123K126-20BM	1.250	1.250	6.000	1.299	1.250	5.5	2.244	N123K2-0600-0004-TF
		1 1/2 x 1	1.260	2.283	R/LF123K126-24BM	1.500	1.500	8.000	1.614	1.500	5.5	4.576	N123K2-0600-0004-TF
	L	1 x 1	.630	1.600	R/LF123L063-16BM	1.000	1.000	6.000	1.028	1.000	4.8	1.645	N123L2-0800-0008-TF
		1 x 1	1.000	2.000	R/LF123L100-16BM	1.000	1.000	6.000	1.028	1.000	5.2	1.575	N123L2-0800-0008-TF
		1 1/4 x 1	1.000	2.000	R/LF123L100-20BM	1.250	1.250	6.000	1.300	1.250	5.2	2.288	N123L2-0800-0008-TF
		1 1/4 x 1	1.380	2.400	R/LF123L138-20BM	1.250	1.250	7.000	1.300	1.250	5.5	2.772	N123L2-0800-0008-TF
		1 1/2 x 1	1.380	2.400	R/LF123L138-24BM	1.500	1.500	8.000	1.614	1.500	5.5	4.620	N123L2-0800-0008-TF

SSC = To correspond with SSC on insert.

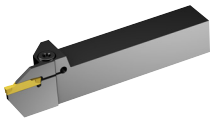
R = Right hand, L = Left hand

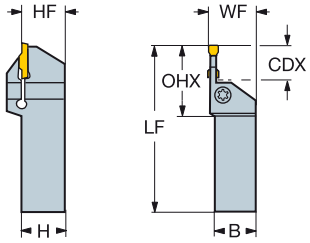
B5 F2 E3 H37 H28 H18

SANDVIK Coromant

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design





Inch version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	M	1 1/4 x 1	1.260	2.516	**R/LF123M125-20B**	1.250	1.250	10.000	1.339	1.250	6.6	4.576	N123M1-1100-0008-GM
		1 1/2 x 1	1.260	2.516	**R/LF123M125-24B**	1.500	1.500	10.000	1.583	1.500	6.6	6.160	N123M1-1100-0008-GM
		1 1/2 x 1	2.000	2.516	**R/LF123M200-24B**	1.500	1.500	10.000	1.575	1.500	3.3	5.676	N123M1-1100-0008-GM
	R	1 1/4 x 1	1.260	2.807	**R/LF123R125-20B**	1.250	1.250	10.000	1.346	1.250	7.4	4.664	N123R1-1500-0010-GR
		1 1/2 x 1	1.260	2.807	**R/LF123R125-24B**	1.500	1.500	10.000	1.602	1.500	7.4	6.380	N123R1-1500-0010-GR
		1 1/2 x 1	2.000	2.807	**R/LF123R200-24B**	1.500	1.500	10.000	1.598	1.500	3.3	6.072	N123R1-1500-0010-GR

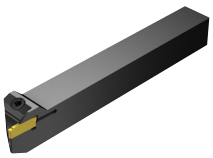
SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

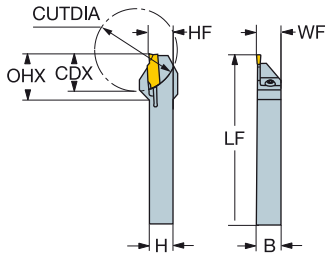
		Spare parts
SSC	CZC_{MS}	Screw
D	1/2 x 1/2	3212 012-257
D	5/8 x 5/8-1 x 1	3212 012-259
E	1/2 x 1/2	3212 012-257
E	5/8 x 5/8-1 x 1	3212 012-259
F	5/8 x 5/8-1 1/4 x 1 1/4	3212 012-259
G	5/8 x 5/8	3212 012-309
G	3/4 x 3/4-1 1/4 x 1 1/4	3212 012-310
H	5/8 x 5/8	3212 012-309
H	3/4 x 3/4-1 1/4 x 1 1/4	5512 044-01
J	1 x 1-1 1/2 x 1 1/2	5512 044-01
K	1 x 1-1 1/2 x 1 1/2	5512 044-01
L	1 x 1-1 1/2 x 1 1/2	5512 044-01
M	1 1/4 x 1 1/4	5512 044-01
M	1 1/2 x 1 1/2	5512 046-01
R	1 1/4 x 1 1/4	5512 044-01
R	1 1/2 x 1 1/2	5512 046-01

For the complete list of spare parts, visit www.sandvik.coromant.com

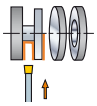
CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design

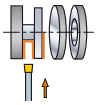




Metric version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	CUTDIA	NM	KG	MIID
	D	16 x 16	8.0	19.6	RF123D08-1616B-S	16.0	16.0	125.0	16.0	16.0	16	2.5	0.26	N123D2-0150-0002-CM
		16 x 16	17.0	28.6	RF123D17-1616B-S	16.0	16.0	125.0	16.0	16.0	34	2.5	0.24	N123D2-0150-0002-CM
	E	16 x 16	17.0	28.6	R/LF123E17-1616B-S	16.0	16.0	125.0	16.0	16.0	34	2.5	0.24	N123E2-0200-0002-CM
		16 x 16	11.0	22.6	RF123E11-1616B-S	16.0	16.0	125.0	16.0	16.0	22	2.5	0.25	N123E2-0200-0002-CM
	F	16 x 16	17.0	28.6	R/LF123F17-1616B-S	16.0	16.0	125.0	16.0	16.0	34	2.5	0.24	N123F2-0250-0002-CM
	G	16 x 16	17.0	28.6	R/LF123G17-1616B-S	16.0	16.0	125.0	16.0	16.0	34	3.0	0.24	N123G2-0300-0003-TF

Inch version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	CUTDIA	FT/LBS	LBS	MIID
	D	5/8 x 5/8	.320	.777	R/LF123D032-10B-S	.625	.625	5.000	.625	.625	.640	1.8	.563	N123D2-0150-0002-CM
		5/8 x 5/8	.670	1.127	R/LF123D067-10B-S	.625	.625	5.000	.625	.625	1.340	1.8	.528	N123D2-0150-0002-CM
	E	5/8 x 5/8	.430	.887	R/LF123E043-10B-S	.625	.625	5.000	.625	.625	.860	1.8	.880	N123E2-0200-0002-CM
		5/8 x 5/8	.670	1.127	R/LF123E067-10B-S	.625	.625	5.000	.625	.625	1.340	1.8	.484	N123E2-0200-0002-CM
	F	5/8 x 5/8	.670	1.127	R/LF123F067-10B-S	.625	.625	5.000	.625	.625	1.340	1.8	.660	N123F2-0250-0002-CM
	G	5/8 x 5/8	.670	1.127	R/LF123G067-10B-S	.625	.625	5.000	.625	.625	1.340	2.2	.535	N123G2-0300-0003-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

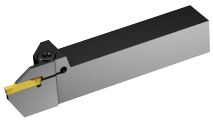
Spare parts
Screw
5513 021-04

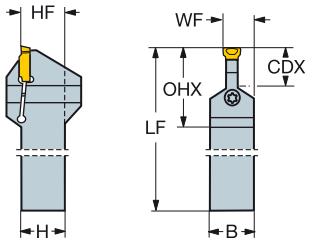
For the complete list of spare parts, visit www.sandvik.coromant.com

B5 F2 E3 H37 H28 H18

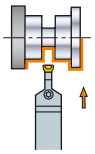
CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design

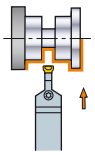




Metric version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	M	40 x 40	32.0	63.9	**NF123M32-4040B**	40.0	40.0	250.0	25.7	40.0	9.0	3.08	N123M1-1100-0008-GM
	R	40 x 40	32.0	71.3	**NF123R32-4040B**	40.0	40.0	250.0	27.5	40.0	10.0	3.14	N123R1-1500-0010-GR

Inch version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	M	1 1/2 x 1	1.260	2.516	**NF123M125-24B**	1.500	1.500	10.000	.972	1.500	6.6	6.184	N123M1-1100-0008-GM
	R	1 1/2 x 1	1.260	2.807	**NF123R125-24B**	1.500	1.500	10.000	1.043	1.500	7.4	6.116	N123R1-1500-0010-GR

SSC = To correspond with SSC on insert.

N = Neutral

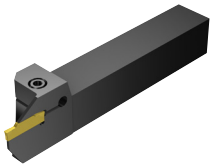
Spare parts
Screw
5512 044-01

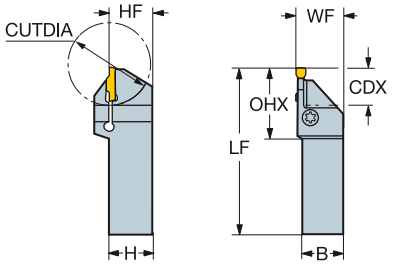
For the complete list of spare parts, visit www.sandvik.coromant.com

B5 F2 E3 H37 H28 H18

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design





Metric version

SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	CUTDIA	NM	KG	MIID
E	20 x 20	17.0	35.5	R/LF123E17-2020D	20.0	20.0	125.0	20.5	20.0	42	4.0	0.40	N123E2-0200-0002-CM
F	20 x 20	17.0	22.4	R/LF123F17-2020D	20.0	20.0	125.0	20.5	20.0	42	4.0	0.40	N123F2-0250-0002-CM
	25 x 25	17.0	22.4	R/LF123F17-2525D	25.0	25.0	150.0	25.5	25.0	42	4.0	0.71	N123F2-0250-0002-CM
G	20 x 20	22.0	43.0	R/LF123G22-2020D	20.0	20.0	125.0	20.6	20.0	44	5.0	0.40	N123G2-0300-0003-TF
	25 x 25	22.0	43.0	R/LF123G22-2525D	25.0	25.0	150.0	25.6	25.0	44	5.0	0.69	N123G2-0300-0003-TF
H	20 x 20	22.0	44.0	R/LF123H22-2020D	20.0	20.0	125.0	20.6	20.0	52	6.0	0.40	N123H2-0400-0004-TF
	25 x 25	22.0	44.0	R/LF123H22-2525D	25.0	25.0	150.0	25.6	25.0	52	6.0	0.71	N123H2-0400-0004-TF

Inch version

SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	CUTDIA	FT/LBS	LBS	MIID
E	3/4 x 3/4	.670	1.398	R/LF123E067-12D	.750	.750	5.000	.770	.750	1.661	3.0	.660	N123E2-0200-0002-CM
F	3/4 x 3/4	.670	1.457	R/LF123F067-12D	.750	.750	5.000	.770	.750	1.661	3.0	.616	N123F2-0250-0002-CM
	1 x 1	.670	1.457	R/LF123F067-16D	1.000	1.000	5.000	1.020	1.000	1.661	3.0	1.643	N123F2-0250-0002-CM
G	3/4 x 3/4	.870	.880	R/LF123G087-12D	.750	.750	5.000	.774	.750	1.740	3.7	.528	N123G2-0300-0003-TF
	1 x 1	.870	.880	R/LF123G087-16D	1.000	1.000	5.000	1.024	1.000	1.740	3.7	1.276	N123G2-0300-0003-TF
H	3/4 x 3/4	.870	1.736	R/LF123H087-12D	.750	.750	5.000	.774	.750	2.067	4.4	.816	N123H2-0400-0004-TF
	1 x 1	.870	1.736	R/LF123H087-16D	1.000	1.000	5.000	1.024	1.000	2.067	4.4	1.100	N123H2-0400-0004-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Metric version

		Spare parts
SSC	CZC_{MS}	Screw
E	20 x 20	3212 012-259
F	20 x 20-25 x 25	3212 012-259
G	20 x 20-25 x 25	3212 012-310
H	20 x 20-25 x 25	5512 044-01

Inch version

		Spare parts
SSC	CZC_{MS}	Screw
E	3/4 x 3/4	3212 012-259
F	3/4 x 3/4-1 x 1	3212 012-259
G	3/4 x 3/4-1 x 1	3212 012-310
H	3/4 x 3/4-1 x 1	5512 044-01

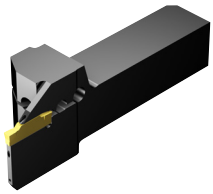
For the complete list of spare parts, visit www.sandvik.coromant.com

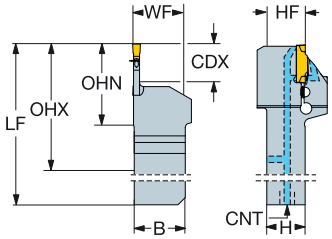
B5 F2 E3 H37 H28 H18

CoroCut® 1-2 QS shank tool for parting and grooving

Spring-lock design

Precision coolant supply





Metric version

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions B	H	LF	WF	HF	CNT	BAR	KG	MIID
	E	25 x 25	15.0	57.1	32.1	3	QS-R/LF123E15C2525E	25.0	25.0	116.1	25.5	25.0	G1/8	150	0.55	N123E2-0200-0002-CM
	F	25 x 25	20.0	62.1	37.1	3	QS-R/LF123F20C2525E	25.0	25.0	121.1	25.5	25.0	G1/8	150	0.58	N123F2-0250-0002-CM
	G	20 x 20	15.0	57.7	32.7	3	QS-R/LF123G15C2020E	20.0	20.0	101.7	22.6	20.0	G1/8	150	0.37	N123G2-0300-0003-TF
		25 x 25	15.0	57.1	32.1	3	QS-R/LF123G15C2525E	25.0	25.0	116.1	25.5	25.0	G1/8	150	0.56	N123G2-0300-0003-TF
		25 x 25	20.0	62.1	37.1	3	QS-R/LF123G20C2525E	25.0	25.0	121.1	25.5	25.0	G1/8	150	0.58	N123G2-0300-0003-TF
	H	20 x 20	20.0	62.7	37.7	3	QS-R/LF123H20C2020E	20.0	20.0	106.7	24.0	20.0	G1/8	150	0.39	N123H2-0400-0004-TF
		25 x 25	20.0	61.8	36.8	3	QS-R/LF123H20C2525E	25.0	25.0	120.8	25.5	25.0	G1/8	150	0.59	N123H2-0400-0004-TF
		25 x 25	25.0	66.8	41.8	3	QS-R/LF123H25C2525E	25.0	25.0	125.8	25.5	25.0	G1/8	150	0.60	N123H2-0400-0004-TF
	J	20 x 20	20.0	62.7	37.7	3	QS-R/LF123J20C2020E	20.0	20.0	106.7	24.5	20.0	G1/8	150	0.40	N123J2-0500-0004-TF
		25 x 25	25.0	66.8	41.8	3	QS-R/LF123J25C2525E	25.0	25.0	125.8	25.5	25.0	G1/8	150	0.61	N123J2-0500-0004-TF
	K	25 x 25	25.0	66.8	41.8	3	QS-R/LF123K25C2525E	25.0	25.0	125.8	25.5	25.0	G1/8	150	0.62	N123K2-0600-0004-TF
	L	25 x 25	32.0	73.2	48.2	3	QS-R/LF123L32C2525E	25.0	25.0	132.2	25.5	25.0	G1/8	150	0.65	N123L2-0800-0008-TF
	M	25 x 25	32.0	74.2	49.2	3	QS-R/LF123M32C2525E	25.0	25.0	133.2	26.0	25.0	G1/8	150	0.68	N123M2-1000-0008-GM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

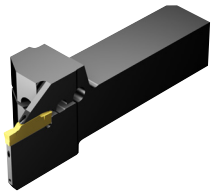
For the complete list of spare parts, visit www.sandvik.coromant.com

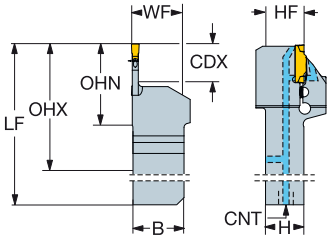
B5 F2 E3 G2 H37 H28 H18 H5

CoroCut® 1-2 QS shank tool for parting and grooving

Spring-lock design

Precision coolant supply





Inch version

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CNT	PSI	LBS	MIID
	E	1 x 1	.630	2.288	1.303	3	QS-R/LF123E063C16E	1.000	1.000	4.610	1.020	1.000	G1/8	2175	1.038	N123E2-0200-0002-CM
	F	1 x 1	.800	2.458	1.473	3	QS-R/LF123F080C16E	1.000	1.000	4.780	1.020	1.000	G1/8	2175	1.054	N123F2-0250-0002-CM
	G	3/4 x 3/4	.630	2.347	1.362	3	QS-R/LF123G063C12E	.750	.750	4.079	.770	.750	G1/8	2175	.792	N123G2-0300-0003-TF
		1 x 1	.630	2.288	1.303	3	QS-R/LF123G063C16E	1.000	1.000	4.610	1.020	1.000	G1/8	2175	1.060	N123G2-0300-0003-TF
		1 x 1	.800	2.458	1.473	3	QS-R/LF123G080C16E	1.000	1.000	4.780	1.020	1.000	G1/8	2175	1.067	N123G2-0300-0003-TF
	H	3/4 x 3/4	.800	2.521	1.537	3	QS-R/LF123H080C12E	.750	.750	4.254	.770	.750	G1/8	2175	.561	N123H2-0400-0004-TF
		1 x 1	1.000	2.647	1.662	3	QS-R/LF123H100C16E	1.000	1.000	4.969	1.020	1.000	G1/8	2175	1.348	N123H2-0400-0004-TF
	J	3/4 x 3/4	.800	2.521	1.537	3	QS-R/LF123J080C12E	.750	.750	4.254	.770	.750	G1/8	2175	.572	N123J2-0500-0004-TF
		1 x 1	1.000	2.647	1.662	3	QS-R/LF123J100C16E	1.000	1.000	4.969	1.020	1.000	G1/8	2175	1.122	N123J2-0500-0004-TF
	K	1 x 1	1.000	2.647	1.662	3	QS-R/LF123K100C16E	1.000	1.000	4.969	1.020	1.000	G1/8	2175	1.148	N123K2-0600-0004-TF
	L	1 x 1	1.250	2.874	1.890	3	QS-R/LF123L125C16E	1.000	1.000	5.197	1.020	1.000	G1/8	2175	1.159	N123L2-0800-0008-TF
	M	1 x 1	1.250	2.913	1.929	3	QS-R/LF123M125C16E	1.000	1.000	5.236	1.039	1.000	G1/8	2175	1.256	N123M2-1000-0008-GM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

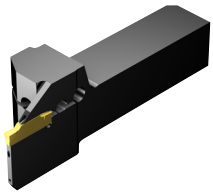
B5 F2 E3 G2 H37 H28 H18 H5

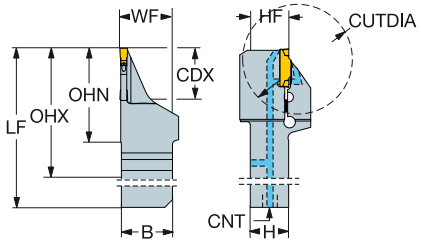
SANDVIK Coromant

CoroCut® 1-2 QS shank tool for parting and grooving

Spring-lock design

Precision coolant supply





Metric version

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions B	H	LF	WF	HF	CUTDIA	CNT	BAR	KG	MIID
	E	20 x 20	20.0	62.7	37.7	3	QS-R/LF123E20C2020F	20.0	20.0	106.7	20.5	20.0	40	G1/8	150	0.38	N123E2-0200-0002-CM
	F	20 x 20	20.0	62.7	37.7	3	QS-R/LF123F20C2020F	20.0	20.0	106.7	20.5	20.0	40	G1/8	150	0.38	N123F2-0250-0002-CM
	G	20 x 20	20.0	62.7	37.7	3	QS-R/LF123G20C2020F	20.0	20.0	106.7	20.5	20.0	40	G1/8	150	0.38	N123G2-0300-0003-TF
	H	20 x 20	25.0	67.7	42.7	3	QS-R/LF123H25C2020F	20.0	20.0	111.7	20.5	20.0	50	G1/8	150	0.40	N123H2-0400-0004-TF

Inch version

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CUTDIA	CNT	PSI	LBS	MIID
	E	3/4 x 3/4	.800	2.517	1.532	3	QS-R/LF123E080C12F	.750	.750	4.249	.770	.750	1.600	G1/8	2175	.548	N123E2-0200-0002-CM
	F	3/4 x 3/4	.800	2.517	1.532	3	QS-R/LF123F080C12F	.750	.750	4.249	.770	.750	1.600	G1/8	2175	.554	N123F2-0250-0002-CM
	G	3/4 x 3/4	.800	2.517	1.532	3	QS-R/LF123G080C12F	.750	.750	4.249	.770	.750	1.600	G1/8	2175	.563	N123G2-0300-0003-TF
	H	3/4 x 3/4	1.000	2.721	1.737	3	QS-R/LF123H100C12F	.750	.750	4.454	.770	.750	2.000	G1/8	2175	.587	N123H2-0400-0004-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

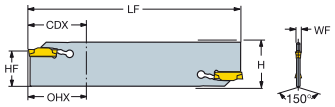
B5 F2 E3 G2 H37 H28 H18 H5

CoroCut® 1-2 blade for parting

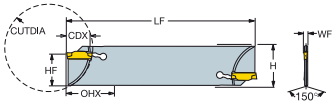
Spring-lock design



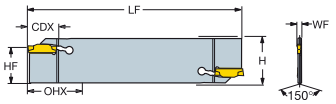
N123..A2



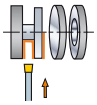
N123..A2 (C)



N123..A2 (S)



Double ended parting blade

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	KG	MIID
	F	21	30.0	30.0	**N123F30-21A2**	25.9	110.0	2.3	21.4		0.05	N123F2-0250-0002-CM
			1.181	*1.181*		*1.020*	*4.331*	*.089*	*.843*			
		25	55.0	55.0	**N123F55-25A2**	31.9	150.0	2.3	25.0		0.09	N123F2-0250-0002-CM
			2.165	*2.165*		*1.256*	*5.906*	*.089*	*.984*			
	G	21	30.0	30.0	**N123G30-21A2**	25.9	110.0	2.7	21.4		0.06	N123G2-0300-0003-TF
			1.181	*1.181*		*1.020*	*4.331*	*.105*	*.843*			
		25	55.0	55.0	**N123G55-25A2**	31.9	150.0	2.3	25.0		0.10	N123G2-0300-0003-TF
			2.165	*2.165*		*1.256*	*5.906*	*.089*	*.984*			
	H	25	55.0	55.0	**N123H55-25A2**	31.9	150.0	3.7	25.0		0.13	N123H2-0400-0004-TF
			2.165	*2.165*		*1.256*	*5.906*	*.145*	*.984*			
	J	25	55.0	55.0	**N123J55-25A2**	31.9	150.0	4.8	25.0		0.16	N123J2-0500-0002-CM
			2.165	*2.165*		*1.256*	*5.906*	*.187*	*.984*			
	K	25	55.0	55.0	**N123K55-25A2**	31.9	150.0	5.8	25.0		0.18	N123K2-0600-0004-CR
			2.165	*2.165*		*1.256*	*5.906*	*.226*	*.984*			
	D	21	15.0	30.0	**N123D15-21A2**	25.9	110.0	1.3	21.4	30	0.05	N123D2-0150-0002-CM
			.591	*1.181*		*1.020*	*4.331*	*.049*	*.843*	*1.181*		
	E	21	15.0	30.0	**N123E15-21A2**	25.9	110.0	1.8	21.4	30	0.05	N123E2-0200-0002-CM
			.591	*1.181*		*1.020*	*4.331*	*.069*	*.843*	*1.181*		
	D	25	15.0	55.0	**N123D15-25A2**	31.9	150.0	1.3	25.0		0.08	N123D2-0150-0002-CM
			.591	*2.165*		*1.256*	*5.906*	*.049*	*.984*			
	E	25	20.0	55.0	**N123E20-25A2**	31.9	150.0	1.8	25.0		0.07	N123E2-0200-0002-CM
			.787	*2.165*		*1.256*	*5.906*	*.069*	*.984*			

SSC = To correspond with SSC on insert.

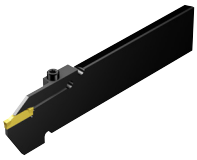
N = Neutral

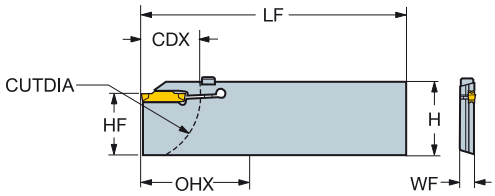
For spare parts, visit www.sandvik.coromant.com

B5 F2 E3 H37 H28 H18

CoroCut® 1-2 blade for parting

Screw clamp design





Single ended parting blade

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	NM	KG	MIID
	E	21R	20.0	45.0	**R/LF123E20-21B1**	25.9	110.0	7.3	21.4	40	3.3	0.17	N123E2-0200-0002-CM
			.787	*1.772*		*1.020*	*4.331*	*.285*	*.843*	*1.574*			
		25R	25.0	45.0	**R/LF123E25-25B1**	31.9	150.0	8.3	25.0	50	3.3	0.27	N123E2-0200-0002-CM
			.984	*1.772*		*1.256*	*5.906*	*.325*	*.984*	*1.968*			
	F	21R	25.0	45.0	**R/LF123F25-21B1**	25.9	110.0	7.0	21.4	50	3.3	0.17	N123F2-0250-0002-CM
			.984	*1.772*		*1.020*	*4.331*	*.276*	*.843*	*1.968*			
		25R	25.0	45.0	**R/LF123F25-25B1**	31.9	150.0	8.3	25.0	50	3.6	0.24	N123F2-0250-0002-CM
			.984	*1.772*		*1.256*	*5.906*	*.325*	*.984*	*1.968*			
	G	21R	30.0	51.0	**R/LF123G30-21B1**	25.9	110.0	6.9	21.4	60	4.5	0.17	N123G2-0300-0003-TF
			1.181	*2.008*		*1.020*	*4.331*	*.270*	*.843*	*2.362*			
		25R	25.0	45.0	**R/LF123G25-25B1**	31.9	150.0	8.3	25.0	50	4.5	0.28	N123G2-0300-0003-TF
			.984	*1.772*		*1.256*	*5.906*	*.328*	*.984*	*1.968*			
		25R	33.0	54.0	**R/LF123G33-25B1**	31.9	150.0	6.9	25.0	66	4.5	0.27	N123G2-0300-0003-TF
			1.299	*2.126*		*1.256*	*5.906*	*.270*	*.984*	*2.598*			
	H	25R	32.0	51.0	**R/LF123H32-25B1**	31.9	150.0	8.3	25.0	64	4.9	0.28	N123H2-0400-0004-TF
			1.260	*2.008*		*1.256*	*5.906*	*.328*	*.984*	*2.519*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

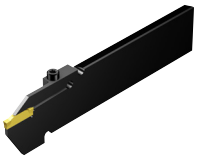
Spare parts
Clamping screw
3212 012-259

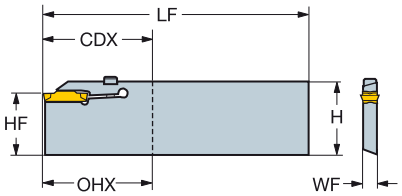
For the complete list of spare parts, visit www.sandvik.coromant.com

B5 F2 E3 H37 H28 H18

CoroCut® 1-2 blade for parting

Screw clamp design





Single ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm, inch H	LF	WF	HF	NM	KG	MIID
	M	45R	100.0	100.0	73.0	**R/LF123M100-45B1**	52.5	250.0	9.6	45.0	4.5	0.90	N123M1-1100-0008-GM
			3.937	*3.937*	*2.874*		*2.067*	*9.843*	*.379*	*1.772*			
		93R	120.0	120.0	83.0	**R/LF123M120-93B1**	101.6	300.0	9.6	93.5	4.5	2.34	N123M1-1100-0008-GM
			4.724	*4.724*	*3.268*		*4.000*	*11.811*	*.379*	*3.680*			
	R	93R	120.0	120.0	83.0	**R/LF123R120-93B1**	101.6	300.0	13.1	93.5	4.5	2.92	N123R1-1500-0010-GR
			4.724	*4.724*	*3.268*		*4.000*	*11.811*	*.514*	*3.680*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

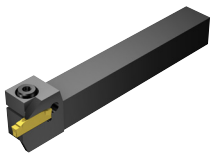
		Spare parts
SSC	CZC_{MS}	Clamping screw
M	45L-93R	5512 046-01
R	93L-93R	3212 012-311

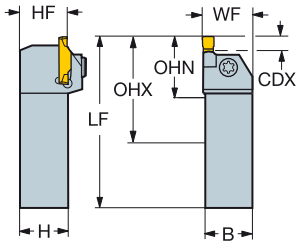
For the complete list of spare parts, visit www.sandvik.coromant.com

B5 F2 E3 H37 H28 H18

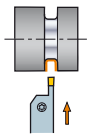
CoroCut® 1-2 shank tool for shallow grooving

Screw clamp design

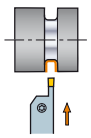




Metric version

	SSC	CZC_{MS}	CDX_1	CDX_2	OHX	OHN	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	G	16 x 16	7.0	3.5	43.0	27.0	R/LF123G07-1616C	16.0	16.0	125.0	21.0	16.0	3.5	0.27	N123G2-0300-0003-TF
		20 x 20	7.0	3.5	47.0	27.0	R/LF123G07-2020C	20.0	20.0	125.0	21.0	20.0	3.5	0.41	N123G2-0300-0003-TF
		25 x 25	7.0	3.5	52.0	27.0	R/LF123G07-2525C	25.0	25.0	150.0	26.0	25.0	3.5	0.74	N123G2-0300-0003-TF
	K	20 x 20	8.0	4.5	50.0	30.0	R/LF123K08-2020C	20.0	20.0	125.0	21.0	20.0	4.5	0.42	N123K2-0600-0004-TF
		25 x 25	8.0	4.5	55.0	30.0	R/LF123K08-2525CM	25.0	25.0	150.0	26.0	25.0	4.5	0.75	N123K2-0600-0004-TF

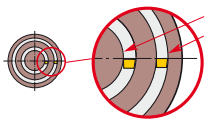
Inch version

	SSC	CZC_{MS}	CDX_1	CDX_2	OHX	OHN	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	G	5/8 x 5/8	.280	.138	1.693	1.063	R/LF123G028-10C	.625	.625	5.000	.669	.625	3.0	.585	N123G2-0300-0003-TF
		3/4 x 3/4	.280	.138	1.811	1.063	R/LF123G028-12C	.750	.750	5.000	.787	.750	3.0	.880	N123G2-0300-0003-TF
		1 x 1	.280	.138	2.047	1.063	R/LF123G028-16C	1.000	1.000	6.000	1.024	1.000	3.0	1.393	N123G2-0300-0003-TF
	K	3/4 x 3/4	.320	.177	1.929	1.181	R/LF123K032-12C	.750	.750	5.000	.787	.750	4.1	.528	N123K2-0600-0004-TF
		1 x 1	.320	.177	2.165	1.181	R/LF123K032-16CM	1.000	1.000	6.000	1.024	1.000	4.1	1.540	N123K2-0600-0004-TF

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

Shallow-grooving holders can take several insert sizes. Holders with SSC G can take inserts E, F, and G. Holders with SSC K can take inserts with SSC H, J, and K.

First cut diameter when face grooving

Holder seat size	Insert seat size	First cut diameter Min – Max mm	inch	Max cutting depth mm	inch	First cut diameters 123-GM, -TF, -CM, -RM, -TM
G	E	100 – ∞	3.937 – ∞	3.5	.138	
	F	83 – ∞	3.268 – ∞	3.5	.138	
	G	57 – ∞	2.244 – ∞	3.5	.138	
K	H	46 – ∞	1.811 – ∞	4.5	.177	
	J	46 – ∞	1.811 – ∞	4.5	.177	
	K	46 – ∞	1.811 – ∞	4.5	.177	

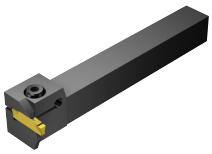
		Spare parts
SSC	CZC_{MS}	Screw
G	16 x 16 (5/8 x 5/8)	3212 012-309
G	20 x 20-25 x 25 (3/4 x 3/4-1 x 1)	3212 012-310
K	20 x 20 (3/4 x 3/4)	3212 012-360
K	25 x 25 (1 x 1)	5512 044-01

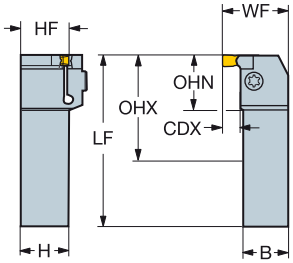
For the complete list of spare parts, visit www.sandvik.coromant.com

 B5
 F2
 E3
 H37
 H28
 H18

CoroCut® 1-2 shank tool for shallow grooving

Screw clamp design





Metric version

	SSC	CZC_{MS}	CDX_1	CDX_2	OHX	OHN	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	G	16 x 16	7.0	3.5	39.5	23.5	R/LG123G07-1616C	16.0	16.0	125.0	25.0	16.0	3.5	0.30	N123G2-0300-0003-TF
		20 x 20	7.0	3.5	43.5	23.5	R/LG123G07-2020C	20.0	20.0	125.0	29.0	20.0	3.5	0.44	N123G2-0300-0003-TF
		25 x 25	7.0	3.5	48.5	23.5	R/LG123G07-2525C	25.0	25.0	150.0	34.0	25.0	3.5	0.78	N123G2-0300-0003-TF
	K	20 x 20	8.0	4.5	28.7		R/LG123K08-2020C	20.0	20.0	125.0	30.0	20.0	4.5	0.45	N123K2-0600-0004-TF
		25 x 25	8.0	4.5	54.0	29.0	R/LG123K08-2525CM	25.0	25.0	150.0	34.0	25.0	4.5	0.80	N123K2-0600-0004-TF

Inch version

	SSC	CZC_{MS}	CDX_1	CDX_2	OHX	OHN	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	G	5/8 x 5/8	.280	.138	1.575	.925	R/LG123G028-10C	.625	.625	5.000	.984	.625	2.6	.660	N123G2-0300-0003-TF
		3/4 x 3/4	.280	.138	1.673	.925	R/LG123G028-12C	.750	.750	5.000	1.142	.750	2.6	.880	N123G2-0300-0003-TF
		1 x 1	.280	.138	1.929	.925	R/LG123G028-16C	1.000	1.000	6.000	1.339	1.000	2.6	2.200	N123G2-0300-0003-TF
	K	3/4 x 3/4	.320	.177	1.130		R/LG123K032-12C	.750	.750	5.000	1.142	.750	2.4	.917	N123K2-0600-0004-TF
		1 x 1	.320	.177	2.126	1.142	R/LG123K032-16CM	1.000	1.000	6.000	1.339	1.000	2.4	1.804	N123K2-0600-0004-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Shallow-grooving holders can take several insert sizes. Holders with SSC G can take inserts E, F, and G. Holders with SSC K can take inserts with SSC H, J, and K.

For first-cut diameter information, see page B45

		Spare parts
SSC	CZC_{MS}	Screw
G	16 x 16-25 x 25 (5/8 x 5/8-1 x 1)	3212 012-310
K	20 x 20 (3/4 x 3/4)	3212 012-360
K	25 x 25 (1 x 1)	5512 044-01

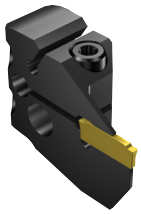
For the complete list of spare parts, visit www.sandvik.coromant.com

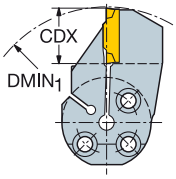
B5 F2 E3 H37 H28 H18

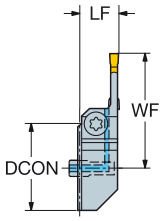
CoroCut® 1-2 head for grooving

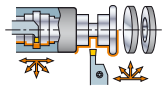
Screw clamp design

CoroTurn® SL - Internal coolant supply







	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	D	25	12.0	145.0	1	570-25R/L123D12B	25	14.0	30.9	10	2.0	0.08	N123D2-0150-0002-CM
			.472	*5.709*			*.984*	*.551*	*1.215*	*145*			
		32	12.0	145.0	1	570-32R/L123D12B	32	14.0	34.4	10	2.0	0.11	N123D2-0150-0002-CM
			.472	*5.709*			*1.260*	*.551*	*1.352*	*145*			
	E	25	15.0	139.0	1	570-25R/L123E15B	25	14.0	33.9	10	2.0	0.08	N123E2-0200- GM
			.591	*5.472*			*.984*	*.551*	*1.333*	*145*			
		32	15.0	139.0	1	570-32R/L123E15B	32	14.0	37.4	10	2.0	0.11	N123E2-0200- GM
			.591	*5.472*			*1.260*	*.551*	*1.470*	*145*			
	F	25	15.0	143.0	1	570-25R/L123F15B	25	14.0	33.9	10	2.0	0.08	N123F2-0250- GM
			.591	*5.630*			*.984*	*.551*	*1.333*	*145*			
		32	15.0	139.0	1	570-32R/L123F15B	32	14.0	37.4	10	2.0	0.12	N123F2-0250- GM
			.591	*5.472*			*1.260*	*.551*	*1.470*	*145*			
	G	25	18.0	147.0	1	570-25R/L123G18B	25	14.0	37.6	10	3.0	0.09	N123G2-0300- GM
			.709	*5.787*			*.984*	*.551*	*1.480*	*145*			
		32	18.0	147.0	1	570-32R/L123G18B	32	14.0	41.1	10	3.0	0.13	N123G2-0300- GM
			.709	*5.787*			*1.260*	*.551*	*1.618*	*145*			
		40	18.0	147.0	1	570-40R/L123G18B	40	14.0	45.1	10	3.0	0.17	N123G2-0300- GM
			.709	*5.787*			*1.575*	*.551*	*1.776*	*145*			
	H	32	23.0	95.0	1	570-32R/L123H23B	32	18.0	46.1	10	3.0	0.16	N123H2-0400- GM
			.906	*3.740*			*1.260*	*.709*	*1.815*	*145*			
		40	23.0	95.0	1	570-40R/L123H23B	40	18.0	50.1	10	3.0	0.09	N123H2-0400- GM
			.906	*3.740*			*1.575*	*.709*	*1.972*	*145*			
	J	32	18.0	95.0	1	570-32R/L123J18B	32	18.0	41.1	10	4.0	0.14	N123J2-0500- GM
			.709	*3.740*			*1.260*	*.709*	*1.618*	*145*			
		40	18.0	95.0	1	570-40R/L123J18B	40	18.0	45.1	10	3.0	0.21	N123J2-0500- GM
			.709	*3.740*			*1.575*	*.709*	*1.776*	*145*			
	K	40	18.0	95.0	1	570-40R/L123K18B	40	18.0	45.1	10	4.0	0.21	N123K2-0600-GM
			.709	*3.740*			*1.575*	*.709*	*1.776*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Screw
D	25	3212 012-259
D	32	3212 012-260
E	25	3212 012-259
E	32	3212 012-260
F	25	3212 012-259
F	32	3212 012-260
G	25	3212 012-309
G	32	3212 012-310
G	40	3212 012-311
H	32	3212 012-310
H	40	3212 012-311
J	32	3212 012-310
J	40	3212 012-311
K	40	3212 012-311

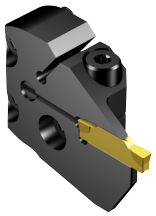
For the complete list of spare parts, visit www.sandvik.coromant.com

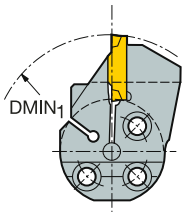
B5 F2 H37 H5 H28 H2

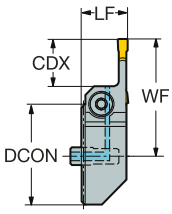
CoroCut® 1-2 head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



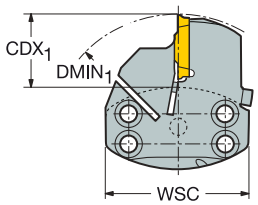


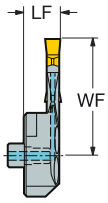


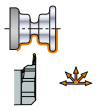
	SSC	CZC$_{MS}$	CDX	DMIN$_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	G	25	13.0	147.0	1	570-25R/L123G13C	25	14.0	32.6	10	3.0	0.08	N123G2-0300-0003-TF
			.512	*5.787*			*.984*	*.551*	*1.283*	*145*			
		32	13.0	147.0	1	570-32R/L123G13C	32	14.0	36.1	10	2.5	0.11	N123G2-0300-0003-TF
			.512	*5.787*			*1.260*	*.551*	*1.421*	*145*			
		40	12.0	147.0	1	570-40R/L123G12C	40	14.0	39.1	10	2.0	0.16	N123G2-0300-0003-TF
			.472	*5.787*			*1.575*	*.551*	*1.539*	*145*			
	J	32	18.0	88.0	1	570-32R/L123J18C	32	14.0	41.1	10	3.0	0.14	N123J2-0500-0002-CM
			.709	*3.465*			*1.260*	*.551*	*1.618*	*145*			
	K	40	17.0	92.0	1	570-40R/L123K17C	40	18.0	44.1	10	2.5	0.21	N123K2-0600-0004-TF
			.669	*3.622*			*1.575*	*.709*	*1.736*	*145*			

CoroTurn® SL70 – Precision coolant supply







	SSC	CZC$_{MS}$	CDX$_1$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm, inch LF	WF	WSC	BAR PSI	NM	KG	MIID
	M	70	50.0	100.0	1	SL70-R/L123M50A-HP	17.5	71.0	70.0	80	5.0	0.41	N123M1-1100-0008-GM
			1.969	*3.937*			*.689*	*2.795*	*2.756*	*1160*			
	R	70	65.0	125.0	1	SL70-R/L123R65A-HP	16.5	71.0	70.0	80	6.5	0.59	N123R1-1500-0010-GR
			2.559	*4.921*			*.650*	*2.795*	*2.756*	*1160*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts		
SSC	CZC$_{MS}$	Screw	Nozzle	Guide bush
G	25	3212 012-309		
G	32	3212 012-310		
G	40	3212 012-311		
J	32	3212 012-310		
K	40	3212 012-311		
M	70	3212 010-314	5691 026-23	5552 058-04
R	70	3212 010-365	5691 026-23	5552 058-04

For the complete list of spare parts, visit www.sandvik.coromant.com

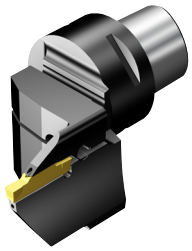
B5 F2 H37 H5 H28 H2

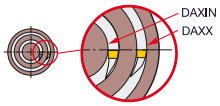
SANDVIK Coromant

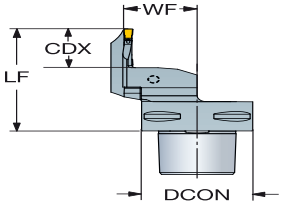
CoroCut® 1-2 cutting unit for face grooving

Spring-lock design

Coromant Capto® - Precision coolant supply







	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	KG	MIID
	G	C4	20.0	42.0	60.0	3	C4-R/LF123G20CE-042B	40	65.0	27.0	150	0.56	N123G2-0300-0003-TF
			.787	*1.654*	*2.362*			*1.575*	*2.559*	*1.063*	*2175*		
		C4	20.0	54.0	75.0	3	C4-R/LF123G20CE-054B	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
			.787	*2.126*	*2.953*			*1.575*	*2.559*	*1.063*	*2175*		
		C4	20.0	67.0	100.0	3	C4-R/LF123G20CE-067B	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
			.787	*2.638*	*3.937*			*1.575*	*2.559*	*1.063*	*2175*		
		C4	20.0	90.0	160.0	3	C4-R/LF123G20CE-090B	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
			.787	*3.543*	*6.299*			*1.575*	*2.559*	*1.063*	*2175*		
	H	C4	25.0	64.0	100.0	3	C4-R/LF123H25CE-064B	40	70.0	27.0	150	0.56	N123H2-0400-0004-TF
			.984	*2.520*	*3.937*			*1.575*	*2.756*	*1.063*	*2175*		
		C4	25.0	92.0	140.0	3	C4-R/LF123H25CE-092B	40	70.0	27.0	150	0.56	N123H2-0400-0004-TF
			.984	*3.622*	*5.512*			*1.575*	*2.756*	*1.063*	*2175*		
		C4	25.0	132.0	230.0	3	C4-R/LF123H25CE-132B	40	70.0	27.0	150	0.55	N123H2-0400-0004-TF
			.984	*5.197*	*9.055*			*1.575*	*2.756*	*1.063*	*2175*		
		C5	25.0	64.0	100.0	3	C5-R/LF123H25CE-064B	50	70.0	33.0	150	0.79	N123H2-0400-0004-TF
			.984	*2.520*	*3.937*			*1.969*	*2.756*	*1.299*	*2175*		
		C5	25.0	92.0	140.0	3	C5-R/LF123H25CE-092B	50	70.0	33.0	150	0.79	N123H2-0400-0004-TF
			.984	*3.622*	*5.512*			*1.969*	*2.756*	*1.299*	*2175*		
		C5	25.0	132.0	230.0	3	C5-R/LF123H25CE-132B	50	70.0	33.0	150	0.78	N123H2-0400-0004-TF
			.984	*5.197*	*9.055*			*1.969*	*2.756*	*1.299*	*2175*		
		C5	25.0	220.0	500.0	3	C5-R/LF123H25CE-220B	50	70.0	33.0	150	0.78	N123H2-0400-0004-TF
			.984	*8.661*	*19.685*			*1.969*	*2.756*	*1.299*	*2175*		
		C5	25.0	300.0	2000.0	3	C5-R/LF123H25CE-300B	50	70.0	33.0	150	0.78	N123H2-0400-0004-TF
			.984	*11.811*	*78.740*			*1.969*	*2.756*	*1.299*	*2175*		
		C6	25.0	64.0	100.0	3	C6-R/LF123H25CE-064B	63	70.0	39.0	150	1.17	N123H2-0400-0004-TF
			.984	*2.520*	*3.937*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	25.0	92.0	140.0	3	C6-R/LF123H25CE-092B	63	70.0	39.0	150	1.17	N123H2-0400-0004-TF
			.984	*3.622*	*5.512*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	25.0	132.0	230.0	3	C6-R/LF123H25CE-132B	63	70.0	39.0	150	1.16	N123H2-0400-0004-TF
			.984	*5.197*	*9.055*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	25.0	220.0	500.0	3	C6-R/LF123H25CE-220B	63	70.0	39.0	150	1.16	N123H2-0400-0004-TF
			.984	*8.661*	*19.685*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	25.0	300.0	2000.0	3	C6-R/LF123H25CE-300B	63	70.0	39.0	150	1.15	N123H2-0400-0004-TF
			.984	*11.811*	*78.740*			*2.480*	*2.756*	*1.535*	*2175*		

SSC = To correspond with SSC on insert.

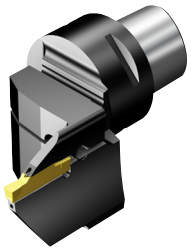
R = Right hand, L = Left hand

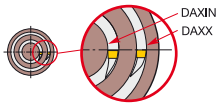
B5 F2 E3 G2 H37 H28 H18 H5

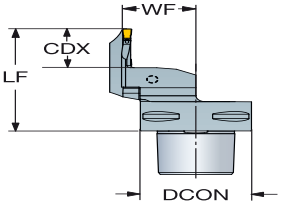
CoroCut® 1-2 cutting unit for face grooving

Spring-lock design

Coromant Capto® - Precision coolant supply







	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	KG	MIID
	J	C4	20.0	40.0	70.0	3	C4-R/LF123J20CE-040B	40	65.0	27.0	150	0.57	N123J2-0500-0004-TF
			.787	*1.575*	*2.756*			*1.575*	*2.559*	*1.063*	*2175*		
		C4	25.0	60.0	95.0	3	C4-R/LF123J25CE-060B	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF
			.984	*2.362*	*3.740*			*1.575*	*2.756*	*1.063*	*2175*		
		C4	25.0	85.0	130.0	3	C4-R/LF123J25CE-085B	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF
			.984	*3.346*	*5.118*			*1.575*	*2.756*	*1.063*	*2175*		
		C4	25.0	120.0	180.0	3	C4-R/LF123J25CE-120B	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF
			.984	*4.724*	*7.087*			*1.575*	*2.756*	*1.063*	*2175*		
		C5	20.0	40.0	70.0	3	C5-R/LF123J20CE-040B	50	65.0	33.0	150	0.80	N123J2-0500-0004-TF
			.787	*1.575*	*2.756*			*1.969*	*2.559*	*1.299*	*2175*		
		C5	25.0	60.0	95.0	3	C5-R/LF123J25CE-060B	50	70.0	33.0	150	0.64	N123J2-0500-0004-TF
			.984	*2.362*	*3.740*			*1.969*	*2.756*	*1.299*	*2175*		
		C5	25.0	85.0	130.0	3	C5-R/LF123J25CE-085B	50	70.0	33.0	150	0.80	N123J2-0500-0004-TF
			.984	*3.346*	*5.118*			*1.969*	*2.756*	*1.299*	*2175*		
		C5	25.0	120.0	180.0	3	C5-R/LF123J25CE-120B	50	70.0	33.0	150	0.63	N123J2-0500-0004-TF
			.984	*4.724*	*7.087*			*1.969*	*2.756*	*1.299*	*2175*		
		C5	25.0	175.0	500.0	3	C5-R/LF123J25CE-175B	50	70.0	33.0	150	0.75	N123J2-0500-0004-TF
			.984	*6.890*	*19.685*			*1.969*	*2.756*	*1.299*	*2175*		
		C6	20.0	40.0	70.0	3	C6-R/LF123J20CE-040B	63	65.0	39.0	150	1.22	N123J2-0500-0004-TF
			.787	*1.575*	*2.756*			*2.480*	*2.559*	*1.535*	*2175*		
		C6	25.0	60.0	95.0	3	C6-R/LF123J25CE-060B	63	70.0	39.0	150	1.22	N123J2-0500-0004-TF
			.984	*2.362*	*3.740*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	25.0	85.0	130.0	3	C6-R/LF123J25CE-085B	63	70.0	39.0	150	1.22	N123J2-0500-0004-TF
			.984	*3.346*	*5.118*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	25.0	120.0	180.0	3	C6-R/LF123J25CE-120B	63	70.0	39.0	150	1.21	N123J2-0500-0004-TF
			.984	*4.724*	*7.087*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	25.0	175.0	500.0	3	C6-R/LF123J25CE-175B	63	70.0	39.0	150	1.17	N123J2-0500-0004-TF
			.984	*6.890*	*19.685*			*2.480*	*2.756*	*1.535*	*2175*		
	K	C5	20.0	40.0	70.0	3	C5-R/LF123K20CE-040B	50	65.0	33.0	150	0.64	N123K2-0600-0004-TF
			.787	*1.575*	*2.756*			*1.969*	*2.559*	*1.299*	*2175*		
		C5	25.0	58.0	100.0	3	C5-R/LF123K25CE-058B	50	70.0	33.0	150	0.81	N123K2-0600-0004-TF
			.984	*2.283*	*3.937*			*1.969*	*2.756*	*1.299*	*2175*		
		C5	25.0	88.0	180.0	3	C5-R/LF123K25CE-088B	50	70.0	33.0	150	0.63	N123K2-0600-0004-TF
			.984	*3.465*	*7.087*			*1.969*	*2.756*	*1.299*	*2175*		
		C5	25.0	168.0	400.0	3	C5-R/LF123K25CE-168B	50	70.0	33.0	150	0.76	N123K2-0600-0004-TF
			.984	*6.614*	*15.748*			*1.969*	*2.756*	*1.299*	*2175*		
		C5	25.0	220.0	1000.0	3	C5-R/LF123K25CE-220B	50	70.0	33.0	150	0.63	N123K2-0600-0004-TF
			.984	*8.661*	*39.370*			*1.969*	*2.756*	*1.299*	*2175*		
		C6	20.0	40.0	70.0	3	C6-R/LF123K20CE-040B	63	65.0	39.0	150	1.03	N123K2-0600-0004-TF
			.787	*1.575*	*2.756*			*2.480*	*2.559*	*1.535*	*2175*		
		C6	25.0	58.0	100.0	3	C6-R/LF123K25CE-058B	63	70.0	39.0	150	1.23	N123K2-0600-0004-TF
			.984	*2.283*	*3.937*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	25.0	88.0	180.0	3	C6-R/LF123K25CE-088B	63	70.0	39.0	150	1.18	N123K2-0600-0004-TF
			.984	*3.465*	*7.087*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	25.0	168.0	400.0	3	C6-R/LF123K25CE-168B	63	70.0	39.0	150	1.18	N123K2-0600-0004-TF
			.984	*6.614*	*15.748*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	25.0	220.0	1000.0	3	C6-R/LF123K25CE-220B	63	70.0	39.0	150	1.18	N123K2-0600-0004-TF
			.984	*8.661*	*39.370*			*2.480*	*2.756*	*1.535*	*2175*		
	L	C6	25.0	50.0	80.0	3	C6-R/LF123L25CE-050B	63	70.0	39.0	150	1.03	N123L2-0800-0008-TF
			.984	*1.969*	*3.150*			*2.480*	*2.756*	*1.535*	*2175*		
		C6	28.0	75.0	150.0	3	C6-R/LF123L28CE-075B	63	73.0	39.0	150	1.20	N123L2-0800-0008-TF
			1.102	*2.953*	*5.906*			*2.480*	*2.874*	*1.535*	*2175*		
		C6	28.0	140.0	400.0	3	C6-R/LF123L28CE-140B	63	73.0	39.0	150	1.18	N123L2-0800-0008-TF
			1.102	*5.512*	*15.748*			*2.480*	*2.874*	*1.535*	*2175*		

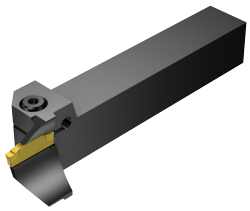
SSC = To correspond with SSC on insert.

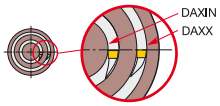
R = Right hand, L = Left hand

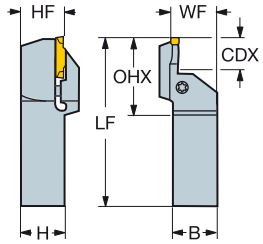
B5 F2 E3 G2 H37 H28 H18 H5

CoroCut® 1-2 shank tool for face grooving

Screw clamp design







Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	G	20 x 20	12.0	34.0	44.0	32.0	R/LF123G12-2020B-034B	20.0	20.0	125.0	21.0	20.0	2.1	0.41	N123G2-0300-0003-TF
		20 x 20	12.0	38.0	48.0	32.0	R/LF123G12-2020B-038B	20.0	20.0	125.0	21.0	20.0	2.1	0.40	N123G2-0300-0003-TF
		20 x 20	13.0	42.0	60.0	33.0	R/LF123G13-2020B-042B	20.0	20.0	125.0	21.0	20.0	2.2	0.40	N123G2-0300-0003-TF
		20 x 20	13.0	54.0	75.0	33.0	R/LF123G13-2020B-054B	20.0	20.0	125.0	21.0	20.0	2.3	0.40	N123G2-0300-0003-TF
		20 x 20	13.0	67.0	100.0	33.0	R/LF123G13-2020B-067B	20.0	20.0	125.0	21.0	20.0	2.6	0.40	N123G2-0300-0003-TF
		20 x 20	13.0	90.0	160.0	33.0	R/LF123G13-2020B-090B	20.0	20.0	125.0	21.0	20.0	2.9	0.40	N123G2-0300-0003-TF
		20 x 20	13.0	130.0	300.0	33.0	R/LF123G13-2020B-130B	20.0	20.0	125.0	21.0	20.0	3.1	0.40	N123G2-0300-0003-TF
		25 x 25	12.0	34.0	44.0	32.0	R/LF123G12-2525B-034B	25.0	25.0	150.0	26.0	25.0	2.1	0.73	N123G2-0300-0003-TF
		25 x 25	12.0	38.0	48.0	32.0	R/LF123G12-2525B-038B	25.0	25.0	150.0	26.0	25.0	2.1	0.73	N123G2-0300-0003-TF
		25 x 25	19.0	42.0	60.0	40.0	R/LF123G19-2525B-042B	25.0	25.0	150.0	26.0	25.0	3.2	0.73	N123G2-0300-0003-TF
		25 x 25	19.0	54.0	75.0	40.0	R/LF123G19-2525B-054B	25.0	25.0	150.0	26.0	25.0	3.4	0.73	N123G2-0300-0003-TF
		25 x 25	22.0	67.0	100.0	43.0	R/LF123G22-2525B-067B	25.0	25.0	150.0	26.0	25.0	3.7	0.68	N123G2-0300-0003-TF
		25 x 25	22.0	90.0	160.0	43.0	R/LF123G22-2525B-090B	25.0	25.0	150.0	26.0	25.0	4.2	0.68	N123G2-0300-0003-TF
		25 x 25	22.0	130.0	300.0	43.0	R/LF123G22-2525B-130B	25.0	25.0	150.0	26.0	25.0	4.5	0.66	N123G2-0300-0003-TF
	H	20 x 20	13.0	40.0	60.0	34.0	R/LF123H13-2020B-040BM	20.0	20.0	125.0	21.0	20.0	2.8	0.41	N123H2-0400-0004-TF
		20 x 20	13.0	52.0	72.0	34.0	R/LF123H13-2020B-052BM	20.0	20.0	125.0	21.0	20.0	3.0	0.41	N123H2-0400-0004-TF
		20 x 20	13.0	64.0	100.0	34.0	R/LF123H13-2020B-064BM	20.0	20.0	125.0	21.0	20.0	3.2	0.41	N123H2-0400-0004-TF
		20 x 20	13.0	92.0	140.0	34.0	R/LF123H13-2020B-092BM	20.0	20.0	125.0	21.0	20.0	3.7	0.41	N123H2-0400-0004-TF
		20 x 20	13.0	132.0	230.0	34.0	R/LF123H13-2020B-132BM	20.0	20.0	125.0	21.0	20.0	4.0	0.41	N123H2-0400-0004-TF
		20 x 20	13.0	220.0	500.0	34.0	R/LF123H13-2020B-220BM	20.0	20.0	125.0	21.0	20.0	4.3	0.41	N123H2-0400-0004-TF
		25 x 25	13.0	40.0	60.0	34.0	R/LF123H13-2525B-040BM	25.0	25.0	150.0	26.0	25.0	2.8	0.74	N123H2-0400-0004-TF
		25 x 25	13.0	52.0	72.0	34.0	R/LF123H13-2525B-052BM	25.0	25.0	150.0	26.0	25.0	3.0	0.74	N123H2-0400-0004-TF
		25 x 25	13.0	64.0	100.0	34.0	R/LF123H13-2525B-064BM	25.0	25.0	150.0	26.0	25.0	3.2	0.73	N123H2-0400-0004-TF
		25 x 25	13.0	92.0	140.0	34.0	R/LF123H13-2525B-092BM	25.0	25.0	150.0	26.0	25.0	3.7	0.73	N123H2-0400-0004-TF
		25 x 25	13.0	132.0	230.0	34.0	R/LF123H13-2525B-132BM	25.0	25.0	150.0	26.0	25.0	4.0	0.73	N123H2-0400-0004-TF
		25 x 25	13.0	220.0	500.0	34.0	R/LF123H13-2525B-220BM	25.0	25.0	150.0	26.0	25.0	4.3	0.73	N123H2-0400-0004-TF
		25 x 25	13.0	300.0	1100.0	34.0	R/LF123H13-2525B-300BM	25.0	25.0	150.0	26.0	25.0	4.3	0.73	N123H2-0400-0004-TF
		25 x 25	20.0	40.0	60.0	42.0	R/LF123H20-2525B-040BM	25.0	25.0	150.0	26.0	25.0	3.8	0.72	N123H2-0400-0004-TF
		25 x 25	20.0	52.0	72.0	42.0	R/LF123H20-2525B-052BM	25.0	25.0	150.0	26.0	25.0	4.0	0.72	N123H2-0400-0004-TF
		25 x 25	25.0	64.0	100.0	47.0	R/LF123H25-2525B-064BM	25.0	25.0	150.0	26.0	25.0	4.3	0.67	N123H2-0400-0004-TF
		25 x 25	25.0	92.0	140.0	47.0	R/LF123H25-2525B-092BM	25.0	25.0	150.0	26.0	25.0	5.0	0.67	N123H2-0400-0004-TF
		25 x 25	25.0	132.0	230.0	47.0	R/LF123H25-2525B-132BM	25.0	25.0	150.0	26.0	25.0	5.3	0.67	N123H2-0400-0004-TF
		25 x 25	25.0	220.0	500.0	47.0	R/LF123H25-2525B-220BM	25.0	25.0	150.0	26.0	25.0	5.7	0.67	N123H2-0400-0004-TF
		25 x 25	25.0	300.0	800.0	47.0	R/LF123H25-2525B-300BM	25.0	25.0	150.0	26.0	25.0	5.7	0.68	N123H2-0400-0004-TF
	J	25 x 25	13.0	40.0	70.0	34.0	R/LF123J13-2525B-040BM	25.0	25.0	150.0	26.0	25.0	2.8	0.73	N123J2-0500-0004-TF
		25 x 25	13.0	60.0	95.0	34.0	R/LF123J13-2525B-060BM	25.0	25.0	150.0	26.0	25.0	3.2	0.73	N123J2-0500-0004-TF
		25 x 25	13.0	85.0	130.0	34.0	R/LF123J13-2525B-085BM	25.0	25.0	150.0	26.0	25.0	3.6	0.74	N123J2-0500-0004-TF
		25 x 25	13.0	120.0	180.0	34.0	R/LF123J13-2525B-120BM	25.0	25.0	150.0	26.0	25.0	4.0	0.74	N123J2-0500-0004-TF
		25 x 25	13.0	175.0	500.0	34.0	R/LF123J13-2525B-175BM	25.0	25.0	150.0	26.0	25.0	4.0	0.73	N123J2-0500-0004-TF
		25 x 25	20.0	40.0	70.0	43.0	R/LF123J20-2525B-040BM	25.0	25.0	150.0	26.0	25.0	3.8	0.72	N123J2-0500-0004-TF
		25 x 25	20.0	180.0	980.0	43.0	R/LF123J20-2525B-180BM	25.0	25.0	150.0	26.0	25.0	4.3	0.72	N123J2-0500-0004-TF
		25 x 25	25.0	60.0	95.0	48.0	R/LF123J25-2525B-060BM	25.0	25.0	150.0	26.0	25.0	4.9	0.68	N123J2-0500-0004-TF
		25 x 25	25.0	85.0	130.0	48.0	R/LF123J25-2525B-085BM	25.0	25.0	150.0	26.0	25.0	5.3	0.68	N123J2-0500-0004-TF
		25 x 25	25.0	120.0	180.0	48.0	R/LF123J25-2525B-120BM	25.0	25.0	150.0	26.0	25.0	5.3	0.68	N123J2-0500-0004-TF
		25 x 25	25.0	175.0	500.0	48.0	R/LF123J25-2525B-175BM	25.0	25.0	150.0	26.0	25.0	5.3	0.68	N123J2-0500-0004-TF

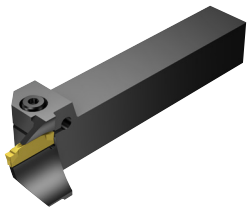
SSC = To correspond with SSC on insert.

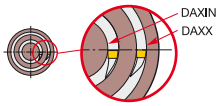
R = Right hand, L = Left hand

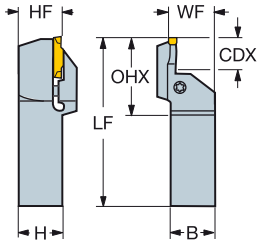
B5 F2 E3 H37 H28 H18

CoroCut® 1-2 shank tool for face grooving

Screw clamp design







Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	K	25 x 25	13.0	40.0	70.0	35.0	R/LF123K13-2525B-040BM	25.0	25.0	150.0	26.0	25.0	3.2	0.75	N123K2-0600-0004-TF
		25 x 25	13.0	58.0	100.0	35.0	R/LF123K13-2525B-058BM	25.0	25.0	150.0	26.0	25.0	3.5	0.73	N123K2-0600-0004-TF
		25 x 25	13.0	88.0	180.0	35.0	R/LF123K13-2525B-088BM	25.0	25.0	150.0	26.0	25.0	4.1	0.74	N123K2-0600-0004-TF
		25 x 25	13.0	168.0	400.0	35.0	R/LF123K13-2525B-168BM	25.0	25.0	150.0	26.0	25.0	4.5	0.73	N123K2-0600-0004-TF
		25 x 25	20.0	40.0	70.0	44.0	R/LF123K20-2525B-040BM	25.0	25.0	150.0	26.0	25.0	3.8	0.74	N123K2-0600-0004-TF
		25 x 25	25.0	58.0	100.0	49.0	R/LF123K25-2525B-058BM	25.0	25.0	150.0	26.0	25.0	4.1	0.68	N123K2-0600-0004-TF
		25 x 25	25.0	88.0	180.0	49.0	R/LF123K25-2525B-088BM	25.0	25.0	150.0	26.0	25.0	4.9	0.68	N123K2-0600-0004-TF
		25 x 25	25.0	168.0	400.0	49.0	R/LF123K25-2525B-168BM	25.0	25.0	150.0	26.0	25.0	5.3	0.68	N123K2-0600-0004-TF
		25 x 25	25.0	220.0	1000.0	49.0	R/LF123K25-2525B-220BM	25.0	25.0	150.0	26.0	25.0	5.7	0.68	N123K2-0600-0004-TF
		32 x 25	25.0	88.0	180.0	49.0	R/LF123K25-3225B-088BM	25.0	32.0	170.0	26.0	32.0	4.9	0.99	N123K2-0600-0004-TF
		32 x 25	25.0	168.0	400.0	49.0	R/LF123K25-3225B-168BM	25.0	32.0	170.0	26.0	32.0	5.3	1.10	N123K2-0600-0004-TF
		32 x 25	25.0	220.0	1000.0	49.0	R/LF123K25-3225B-220BM	25.0	32.0	170.0	26.0	32.0	5.7	0.99	N123K2-0600-0004-TF
	L	25 x 25	15.0	75.0	150.0	39.0	R/LF123L15-2525B-075BM	25.0	25.0	150.0	26.0	25.0	4.6	0.72	N123L2-0800-0008-TF
		25 x 25	15.0	140.0	400.0	39.0	R/LF123L15-2525B-140BM	25.0	25.0	150.0	26.0	25.0	5.3	0.72	N123L2-0800-0008-TF
		25 x 25	25.0	50.0	80.0	55.0	R/LF123L25-2525B-050BM	25.0	25.0	150.0	26.0	25.0	4.7	0.74	N123L2-0800-0008-TF
		25 x 25	28.0	75.0	150.0	56.0	R/LF123L28-2525B-075BM	25.0	25.0	150.0	26.0	25.0	5.8	0.73	N123L2-0800-0008-TF
		25 x 25	28.0	140.0	400.0	56.0	R/LF123L28-2525B-140BM	25.0	25.0	150.0	26.0	25.0	6.7	0.73	N123L2-0800-0008-TF
		32 x 25	28.0	75.0	150.0	56.0	R/LF123L28-3225B-075BM	25.0	32.0	170.0	26.0	32.0	5.8	1.00	N123L2-0800-0008-TF
		32 x 25	28.0	140.0	400.0	56.0	R/LF123L28-3225B-140BM	25.0	32.0	170.0	26.0	32.0	6.7	1.10	N123L2-0800-0008-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts
SSC	CZC_{MS}	Screw
G	20 x 20-25 x 25	3212 012-310
H	20 x 20-25 x 25	5512 044-01
J	25 x 25	5512 044-01
K	25 x 25-32 x 25	5512 044-01
L	25 x 25-32 x 25	5512 044-01

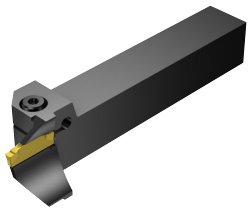
For the complete list of spare parts, visit www.sandvik.coromant.com

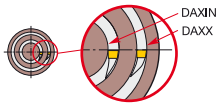
B5 F2 E3 H37 H28 H18

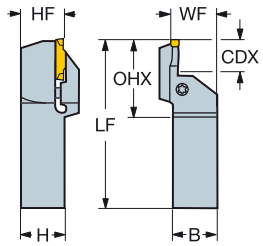
SANDVIK Coromant

CoroCut® 1-2 shank tool for face grooving

Screw clamp design







Inch version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	G	3/4 x 3/4	.470	1.496	1.890	1.260	LF123G047-12B-038B	.750	.750	5.000	.827	.750	1.5	.880	N123G2-0300-0003-TF
		3/4 x 3/4	.470	1.339	1.732	1.260	R/LF123G047-12B-034B	.750	.750	5.000	.827	.750	1.5	.880	N123G2-0300-0003-TF
		3/4 x 3/4	.500	1.654	2.362	1.287	R/LF123G050-12B-042B	.750	.750	5.000	.827	.750	1.6	.704	N123G2-0300-0003-TF
		3/4 x 3/4	.500	2.638	3.937	1.287	R/LF123G050-12B-067B	.750	.750	5.000	.827	.750	1.9	.792	N123G2-0300-0003-TF
		3/4 x 3/4	.500	3.543	6.299	1.287	R/LF123G050-12B-090B	.750	.750	5.000	.827	.750	2.1	.792	N123G2-0300-0003-TF
		3/4 x 3/4	.500	2.126	2.953	1.287	RF123G050-12B-054B	.750	.750	5.000	.827	.750	1.7	.880	N123G2-0300-0003-TF
		3/4 x 3/4	.500	5.118	11.811	1.287	RF123G050-12B-130B	.750	.750	5.000	.827	.750	2.3	.792	N123G2-0300-0003-TF
		1 x 1	.470	1.339	1.732	1.257	R/LF123G047-16B-034B	1.000	1.000	6.000	1.039	1.000	3.0	1.760	N123G2-0300-0003-TF
		1 x 1	.750	1.654	2.362	1.577	R/LF123G075-16B-042B	1.000	1.000	6.000	1.039	1.000	3.0	1.540	N123G2-0300-0003-TF
		1 x 1	.750	2.126	2.953	1.577	R/LF123G075-16B-054B	1.000	1.000	6.000	1.039	1.000	3.0	1.606	N123G2-0300-0003-TF
		1 x 1	.750	2.638	3.937	1.577	R/LF123G075-16B-067B	1.000	1.000	6.000	1.039	1.000	3.0	1.760	N123G2-0300-0003-TF
		1 x 1	.870	3.543	6.299	1.697	R/LF123G087-16B-090B	1.000	1.000	6.000	1.039	1.000	3.0	1.522	N123G2-0300-0003-TF
		1 x 1	.870	5.118	11.811	1.697	R/LF123G087-16B-130B	1.000	1.000	6.000	1.039	1.000	3.0	1.496	N123G2-0300-0003-TF
		1 x 1	.470	1.496	1.890	1.257	RF123G047-16B-038B	1.000	1.000	6.000	1.039	1.000	3.0	1.698	N123G2-0300-0003-TF
	H	1 x 1	.500	8.661	19.685	1.327	LF123H050-16B-220BM	1.000	1.000	6.000	1.024	1.000	3.1	1.668	N123H2-0400-0004-TF
		1 x 1	.500	11.811	43.307	1.327	LF123H050-16B-300BM	1.000	1.000	6.000	1.024	1.000	3.1	3.190	N123H2-0400-0004-TF
		1 x 1	.500	1.575	2.362	1.327	R/LF123H050-16B-040BM	1.000	1.000	6.000	1.024	1.000	2.1	1.694	N123H2-0400-0004-TF
		1 x 1	.500	2.047	2.835	1.327	R/LF123H050-16B-052BM	1.000	1.000	6.000	1.024	1.000	2.2	1.694	N123H2-0400-0004-TF
		1 x 1	.500	2.520	3.937	1.327	R/LF123H050-16B-064BM	1.000	1.000	6.000	1.024	1.000	2.3	3.190	N123H2-0400-0004-TF
		1 x 1	.500	3.622	5.512	1.327	R/LF123H050-16B-092BM	1.000	1.000	6.000	1.024	1.000	2.7	3.190	N123H2-0400-0004-TF
		1 x 1	.500	5.197	9.055	1.327	R/LF123H050-16B-132BM	1.000	1.000	6.000	1.024	1.000	2.9	3.080	N123H2-0400-0004-TF
		1 x 1	.790	1.575	2.362	1.656	R/LF123H079-16B-040BM	1.000	1.000	6.000	1.039	1.000	3.0	1.632	N123H2-0400-0004-TF
		1 x 1	.790	2.047	2.835	1.656	R/LF123H079-16B-052BM	1.000	1.000	6.000	1.039	1.000	3.0	1.633	N123H2-0400-0004-TF
		1 x 1	1.000	2.520	3.937	1.888	R/LF123H100-16B-064BM	1.000	1.000	6.000	1.039	1.000	3.0	1.541	N123H2-0400-0004-TF
		1 x 1	1.000	3.622	5.512	1.888	R/LF123H100-16B-092BM	1.000	1.000	6.000	1.039	1.000	3.0	1.528	N123H2-0400-0004-TF
		1 x 1	1.000	5.197	9.055	1.888	R/LF123H100-16B-132BM	1.000	1.000	6.000	1.039	1.000	3.0	1.540	N123H2-0400-0004-TF
		1 x 1	1.000	8.661	19.685	1.888	R/LF123H100-16B-220BM	1.000	1.000	6.000	1.039	1.000	3.0	1.525	N123H2-0400-0004-TF
		1 x 1	1.000	11.811	31.496	1.888	R/LF123H100-16B-300BM	1.000	1.000	6.000	1.039	1.000	3.0	1.496	N123H2-0400-0004-TF
	J	1 x 1	.500	1.575	2.756	1.327	R/LF123J050-16B-040BM	1.000	1.000	6.000	1.024	1.000	2.1	1.668	N123J2-0500-0004-TF
		1 x 1	.500	2.362	3.740	1.327	R/LF123J050-16B-060BM	1.000	1.000	6.000	1.024	1.000	2.4	1.628	N123J2-0500-0004-TF
		1 x 1	.790	1.575	2.756	1.696	R/LF123J079-16B-040BM	1.000	1.000	6.000	1.039	1.000	3.3	1.540	N123J2-0500-0004-TF
		1 x 1	.790	7.087	38.583	1.696	R/LF123J079-16B-180BM	1.000	1.000	6.000	1.039	1.000	3.3	1.540	N123J2-0500-0004-TF
		1 x 1	1.000	2.362	3.740	1.906	R/LF123J100-16B-060BM	1.000	1.000	6.000	1.039	1.000	3.3	1.553	N123J2-0500-0004-TF
		1 x 1	1.000	3.346	5.118	1.906	R/LF123J100-16B-085BM	1.000	1.000	6.000	1.039	1.000	3.3	1.544	N123J2-0500-0004-TF
		1 x 1	1.000	4.724	7.087	1.906	R/LF123J100-16B-120BM	1.000	1.000	6.000	1.039	1.000	3.3	1.540	N123J2-0500-0004-TF
		1 x 1	1.000	6.890	19.685	1.906	R/LF123J100-16B-175BM	1.000	1.000	6.000	1.039	1.000	3.3	1.546	N123J2-0500-0004-TF
		1 x 1	.500	3.346	5.118	1.327	RF123J050-16B-085BM	1.000	1.000	6.000	1.024	1.000	2.7	1.672	N123J2-0500-0004-TF
		1 x 1	.500	4.724	7.087	1.327	RF123J050-16B-120BM	1.000	1.000	6.000	1.024	1.000	3.0	1.540	N123J2-0500-0004-TF
		1 x 1	.500	6.890	19.685	1.327	RF123J050-16B-175BM	1.000	1.000	6.000	1.024	1.000	3.0	1.672	N123J2-0500-0004-TF
	K	1 x 1	.500	3.465	7.087	1.366	LF123K050-16B-088BM	1.000	1.000	6.000	1.024	1.000	3.0	1.584	N123K2-0600-0004-TF
		1 x 1	.500	8.661	38.583	1.366	LF123K050-16B-220BM	1.000	1.000	6.000	1.024	1.000	3.5	1.681	N123K2-0600-0004-TF
		1 x 1	.500	2.283	3.937	1.366	R/LF123K050-16B-058BM	1.000	1.000	6.000	1.024	1.000	2.6	1.628	N123K2-0600-0004-TF
		1 x 1	.790	1.575	2.756	1.735	R/LF123K079-16B-040BM	1.000	1.000	6.000	1.039	1.000	3.7	1.540	N123K2-0600-0004-TF
		1 x 1	1.000	2.283	3.400	1.945	R/LF123K100-16B-058BM	1.000	1.000	6.000	1.039	1.000	3.7	1.595	N123K2-0600-0004-TF
		1 x 1	1.000	3.465	7.087	1.945	R/LF123K100-16B-088BM	1.000	1.000	6.000	1.039	1.000	3.7	1.556	N123K2-0600-0004-TF
		1 x 1	1.000	6.614	15.748	1.945	R/LF123K100-16B-168BM	1.000	1.000	6.000	1.039	1.000	3.7	1.558	N123K2-0600-0004-TF
		1 x 1	1.000	8.661	39.370	1.945	R/LF123K100-16B-220BM	1.000	1.000	6.000	1.039	1.000	3.7	1.496	N123K2-0600-0004-TF

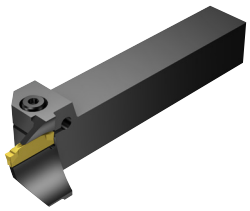
SSC = To correspond with SSC on insert.

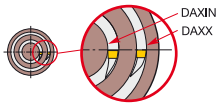
R = Right hand, L = Left hand

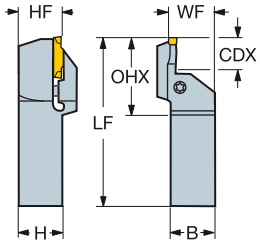
B5 F2 E3 H37 H28 H18

CoroCut® 1-2 shank tool for face grooving

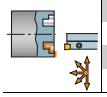
Screw clamp design







Inch version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	L	1 x 1	1.102	2.953	5.906	2.205	**R/LF123L110-16B-075BM**	1.000	1.000	6.000	1.024	1.000	4.2	1.619	N123L2-0800-0008-TF
		1 x 1	1.102	5.512	15.748	2.205	**R/LF123L110-16B-140BM**	1.000	1.000	6.000	1.024	1.000	4.2	1.621	N123L2-0800-0008-TF
		1 1/4 x 1	1.100	2.953	5.906	2.205	**R/LF123L110-20B-075BM**	1.250	1.250	6.000	1.299	1.250	4.2	3.740	N123L2-0800-0008-TF
		1 1/4 x 1	1.100	5.512	15.748	2.205	**R/LF123L110-20B-140BM**	1.250	1.250	6.000	1.299	1.250	4.9	2.347	N123L2-0800-0008-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

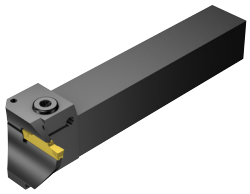
		Spare parts
SSC	CZC_{MS}	Screw
G	3/4 x 3/4-1 x 1	3212 012-310
H	1 x 1	5512 044-01
J	1 x 1	5512 044-01
K	1 x 1	5512 044-01
L	1 x 1-1 1/4 x 1 1/4	5512 044-01

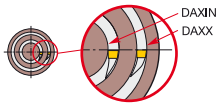
For the complete list of spare parts, visit www.sandvik.coromant.com

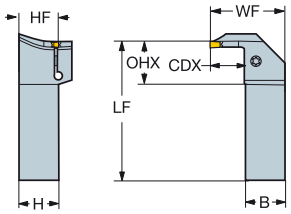
B5 F2 E3 H37 H28 H18

CoroCut® 1-2 shank tool for face grooving

Screw clamp design







Metric version

	SSC	CZC$_{MS}$	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions B	H	LPR	LF	WF	HF	NM	KG	MIID
	H	25 x 25	13.0	40.0	60.0	23.9	**R/LG123H13-2525B-040BM**	25.0	25.0	160.5	150.0	40.0	25.0	2.8	0.85	N123H2-0400-0004-TF
		25 x 25	13.0	52.0	72.0	23.9	**R/LG123H13-2525B-052BM**	25.0	25.0	162.0	150.0	40.0	25.0	3.0	0.85	N123H2-0400-0004-TF
		25 x 25	13.0	64.0	100.0	23.9	**R/LG123H13-2525B-064BM**	25.0	25.0	158.2	150.0	40.0	25.0	3.2	0.82	N123H2-0400-0004-TF
		25 x 25	13.0	92.0	140.0	23.9	**R/LG123H13-2525B-092BM**	25.0	25.0	156.6	150.0	40.0	25.0	3.7	0.83	N123H2-0400-0004-TF
		25 x 25	13.0	132.0	230.0	23.9	**R/LG123H13-2525B-132BM**	25.0	25.0	154.5	150.0	40.0	25.0	4.0	0.82	N123H2-0400-0004-TF
		25 x 25	13.0	220.0	500.0	23.9	**R/LG123H13-2525B-220BM**	25.0	25.0	153.0	150.0	40.0	25.0	4.3	0.82	N123H2-0400-0004-TF
		25 x 25	13.0	300.0	1100.0	23.9	**R/LG123H13-2525B-300BM**	25.0	25.0	162.3	150.0	40.0	25.0	4.3	0.82	N123H2-0400-0004-TF
		25 x 25	20.0	64.0	100.0	24.9	**R/LG123H20-2525B-064BM**	25.0	25.0	158.2	150.0	47.0	25.0	4.3	0.90	N123H2-0400-0004-TF
		25 x 25	20.0	92.0	140.0	24.9	**R/LG123H20-2525B-092BM**	25.0	25.0	156.3	150.0	47.0	25.0	5.0	0.90	N123H2-0400-0004-TF
		25 x 25	20.0	132.0	230.0	24.9	**R/LG123H20-2525B-132BM**	25.0	25.0	154.5	150.0	47.0	25.0	5.3	0.90	N123H2-0400-0004-TF
	K	25 x 25	20.0	58.0	100.0	27.7	**R/LG123K20-2525B-058BM**	25.0	25.0	160.4	150.0	47.0	25.0	4.1	0.90	N123K2-0600-0004-TF
		25 x 25	20.0	88.0	180.0	27.7	**R/LG123K20-2525B-088BM**	25.0	25.0	156.5	150.0	47.0	25.0	4.9	0.90	N123K2-0600-0004-TF
		25 x 25	20.0	168.0	400.0	27.7	**R/LG123K20-2525B-168BM**	25.0	25.0	154.3	150.0	47.0	25.0	5.3	0.90	N123K2-0600-0004-TF
	L	25 x 25	20.0	50.0	80.0	37.4	**R/LG123L20-2525B-050BM**	25.0	25.0	157.9	150.0	47.0	25.0	4.7	0.90	N123L2-0800-0008-TF
		25 x 25	20.0	75.0	150.0	37.4	**R/LG123L20-2525B-075BM**	25.0	25.0	151.2	150.0	47.0	25.0	5.4	0.90	N123L2-0800-0008-TF
		25 x 25	20.0	140.0	400.0	37.4	**R/LG123L20-2525B-140BM**	25.0	25.0	152.2	150.0	47.0	25.0	6.2	0.90	N123L2-0800-0008-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

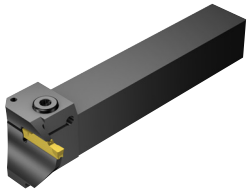
Spare parts
Screw
5512 044-01

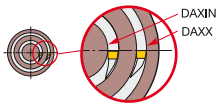
For the complete list of spare parts, visit www.sandvik.coromant.com

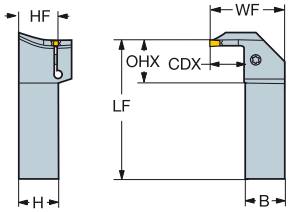
B5 F2 E3 H37 H28 H18

CoroCut® 1-2 shank tool for face grooving

Screw clamp design







Inch version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions, inch B	H	LPR	LF	WF	HF	FT/LBS	LBS	MIID
	H	1 x 1	.500	1.575	2.362	.941	R/LG123H050-16B-040BM	1.000	1.000	6.413	6.000	1.575	1.000	2.1	3.630	N123H2-0400-0004-TF
		1 x 1	.500	2.047	2.835	.941	R/LG123H050-16B-052BM	1.000	1.000	6.500	6.000	1.575	1.000	2.2	1.892	N123H2-0400-0004-TF
		1 x 1	.500	2.520	3.937	.941	R/LG123H050-16B-064BM	1.000	1.000	6.323	6.000	1.575	1.000	2.3	3.630	N123H2-0400-0004-TF
		1 x 1	.500	3.622	5.512	.941	R/LG123H050-16B-092BM	1.000	1.000	6.264	6.000	1.575	1.000	2.7	3.630	N123H2-0400-0004-TF
		1 x 1	.500	5.197	9.055	.941	R/LG123H050-16B-132BM	1.000	1.000	6.181	6.000	1.575	1.000	2.9	3.630	N123H2-0400-0004-TF
		1 x 1	.500	8.661	19.685	.941	R/LG123H050-16B-220BM	1.000	1.000	6.118	6.000	1.575	1.000	3.1	3.630	N123H2-0400-0004-TF
		1 x 1	.500	11.811	43.307	.941	R/LG123H050-16B-300BM	1.000	1.000	6.087	6.000	1.575	1.000	3.1	1.863	N123H2-0400-0004-TF
		1 x 1	.790	2.520	3.937	.981	R/LG123H079-16B-064BM	1.000	1.000	6.323	6.000	1.850	1.000	2.6	1.980	N123H2-0400-0004-TF
		1 x 1	.790	3.622	5.512	.981	R/LG123H079-16B-092BM	1.000	1.000	6.264	6.000	1.850	1.000	2.6	1.980	N123H2-0400-0004-TF
		1 x 1	.790	5.197	9.055	.981	R/LG123H079-16B-132BM	1.000	1.000	6.181	6.000	1.850	1.000	2.6	1.848	N123H2-0400-0004-TF
	K	1 x 1	.790	2.283	3.937	1.082	R/LG123K079-16B-058BM	1.000	1.000	6.386	6.000	1.850	1.000	3.3	1.936	N123K2-0600-0004-TF
		1 x 1	.790	3.465	7.087	1.082	R/LG123K079-16B-088BM	1.000	1.000	6.224	6.000	1.850	1.000	3.3	1.936	N123K2-0600-0004-TF
		1 x 1	.790	6.614	15.748	1.082	R/LG123K079-16B-168BM	1.000	1.000	6.138	6.000	1.850	1.000	3.3	1.892	N123K2-0600-0004-TF
	L	1 x 1	.790	1.969	3.150	1.473	R/LG123L079-16B-050BM	1.000	1.000	6.252	6.000	1.850	1.000	3.7	1.936	N123L2-0800-0008-TF
		1 x 1	.790	2.953	5.906	1.473	R/LG123L079-16B-075BM	1.000	1.000	6.161	6.000	1.850	1.000	3.7	1.936	N123L2-0800-0008-TF
		1 x 1	.790	5.512	15.748	1.473	R/LG123L079-16B-140BM	1.000	1.000	6.035	6.000	1.850	1.000	3.7	1.892	N123L2-0800-0008-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Screw	
5512 044-01	

For the complete list of spare parts, visit www.sandvik.coromant.com

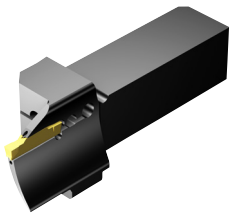
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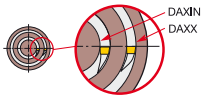
SANDVIK Coromant

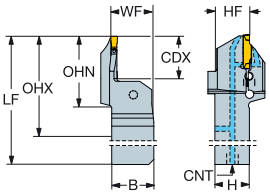
CoroCut® 1-2 QS shank tool for face grooving

Spring-lock design

Precision coolant supply







Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	Dimensions B	H	LF	WF	HF	CNT	BAR	KG	MIID
	G	20 x 20	14.0	34.0	44.0	51.9	31.9	3	QS-R/LF123G14C2020E-034B	20.0	20.0	100.9	20.5	20.0	G1/8	150	0.39	N123G2-0300-0003-TF
		20 x 20	14.0	38.0	48.0	51.9	31.9	3	QS-R/LF123G14C2020E-038B	20.0	20.0	100.9	20.5	20.0	G1/8	150	0.29	N123G2-0300-0003-TF
		20 x 20	14.0	42.0	60.0	51.9	31.9	3	QS-R/LF123G14C2020E-042B	20.0	20.0	100.9	20.5	20.0	G1/8	150	0.38	N123G2-0300-0003-TF
		20 x 20	14.0	54.0	75.0	51.9	31.9	3	QS-R/LF123G14C2020E-054B	20.0	20.0	100.9	20.5	20.0	G1/8	150	0.38	N123G2-0300-0003-TF
		20 x 20	14.0	67.0	100.0	51.9	31.9	3	QS-R/LF123G14C2020E-067B	20.0	20.0	100.9	20.5	20.0	G1/8	150	0.38	N123G2-0300-0003-TF
		20 x 20	14.0	90.0	160.0	51.9	31.9	3	QS-R/LF123G14C2020E-090B	20.0	20.0	100.9	20.5	20.0	G1/8	150	0.27	N123G2-0300-0003-TF
		20 x 20	14.0	130.0	160.0	51.9	31.9	3	QS-R/LF123G14C2020E-130B	20.0	20.0	100.9	20.5	20.0	G1/8	150	0.27	N123G2-0300-0003-TF
		25 x 25	20.0	42.0	60.0	62.9	37.9	3	QS-R/LF123G20C2525E-042B	25.0	25.0	121.9	25.5	25.0	G1/8	150	0.59	N123G2-0300-0003-TF
		25 x 25	20.0	54.0	75.0	62.9	37.9	3	QS-R/LF123G20C2525E-054B	25.0	25.0	121.9	25.5	25.0	G1/8	150	0.58	N123G2-0300-0003-TF
		25 x 25	20.0	67.0	100.0	62.9	37.9	3	QS-R/LF123G20C2525E-067B	25.0	25.0	121.9	25.5	25.0	G1/8	150	0.58	N123G2-0300-0003-TF
		25 x 25	20.0	90.0	160.0	62.9	37.9	3	QS-R/LF123G20C2525E-090B	25.0	25.0	121.9	25.5	25.0	G1/8	150	0.58	N123G2-0300-0003-TF
		25 x 25	20.0	130.0	160.0	62.9	37.9	3	QS-R/LF123G20C2525E-130B	25.0	25.0	121.9	25.5	25.0	G1/8	150	0.58	N123G2-0300-0003-TF
	H	20 x 20	20.0	40.0	60.0	60.0	40.0	3	QS-R/LF123H20C2020E-040B	20.0	20.0	108.9	20.5	20.0	G1/8	150	0.40	N123H2-0400-0004-TF
		20 x 20	20.0	52.0	72.0	60.0	40.0	3	QS-R/LF123H20C2020E-052B	20.0	20.0	108.9	20.5	20.0	G1/8	150	0.40	N123H2-0400-0004-TF
		20 x 20	20.0	64.0	100.0	60.0	40.0	3	QS-R/LF123H20C2020E-064B	20.0	20.0	108.9	20.5	20.0	G1/8	150	0.39	N123H2-0400-0004-TF
		20 x 20	20.0	92.0	140.0	60.0	40.0	3	QS-R/LF123H20C2020E-092B	20.0	20.0	108.9	20.5	20.0	G1/8	150	0.39	N123H2-0400-0004-TF
		20 x 20	20.0	132.0	230.0	60.0	40.0	3	QS-R/LF123H20C2020E-132B	20.0	20.0	108.9	20.5	20.0	G1/8	150	0.39	N123H2-0400-0004-TF
		25 x 25	25.0	64.0	100.0	67.8	42.8	3	QS-R/LF123H25C2525E-064B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.60	N123H2-0400-0004-TF
		25 x 25	25.0	92.0	140.0	67.8	42.8	3	QS-R/LF123H25C2525E-092B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.60	N123H2-0400-0004-TF
		25 x 25	25.0	132.0	230.0	67.8	42.8	3	QS-R/LF123H25C2525E-132B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.60	N123H2-0400-0004-TF
		25 x 25	25.0	220.0	500.0	67.8	42.8	3	QS-R/LF123H25C2525E-220B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.59	N123H2-0400-0004-TF
		25 x 25	25.0	300.0	800.0	67.8	42.8	3	QS-R/LF123H25C2525E-300B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.59	N123H2-0400-0004-TF
	J	25 x 25	20.0	40.0	70.0	62.9	37.9	3	QS-R/LF123J20C2525E-040B	25.0	25.0	121.9	25.5	25.0	G1/8	150	0.61	N123J2-0500-0004-TF
		25 x 25	25.0	60.0	95.0	67.8	42.8	3	QS-R/LF123J25C2525E-060B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.61	N123J2-0500-0004-TF
		25 x 25	25.0	85.0	130.0	67.8	42.8	3	QS-R/LF123J25C2525E-085B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.61	N123J2-0500-0004-TF
		25 x 25	25.0	120.0	180.0	67.8	42.8	3	QS-R/LF123J25C2525E-120B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.61	N123J2-0500-0004-TF
		25 x 25	25.0	175.0	500.0	67.8	42.8	3	QS-R/LF123J25C2525E-175B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.60	N123J2-0500-0004-TF
	K	25 x 25	20.0	40.0	70.0	62.9	37.9	3	QS-R/LF123K20C2525E-040B	25.0	25.0	121.9	25.5	25.0	G1/8	150	0.62	N123K2-0600-0004-TF
		25 x 25	25.0	58.0	100.0	67.8	42.8	3	QS-R/LF123K25C2525E-058B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.63	N123K2-0600-0004-TF
		25 x 25	25.0	88.0	180.0	67.8	42.8	3	QS-R/LF123K25C2525E-088B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.62	N123K2-0600-0004-TF
		25 x 25	25.0	168.0	400.0	67.8	42.8	3	QS-R/LF123K25C2525E-168B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.62	N123K2-0600-0004-TF
		25 x 25	25.0	220.0	500.0	67.8	42.8	3	QS-R/LF123K25C2525E-220B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.62	N123K2-0600-0004-TF
	L	25 x 25	25.0	50.0	80.0	67.8	42.8	3	QS-R/LF123L25C2525E-050B	25.0	25.0	126.8	25.5	25.0	G1/8	150	0.63	N123L2-0800-0008-TF
		25 x 25	28.0	75.0	150.0	70.5	45.5	3	QS-R/LF123L28C2525E-075B	25.0	25.0	129.5	25.5	25.0	G1/8	150	0.63	N123L2-0800-0008-TF
		25 x 25	28.0	140.0	400.0	70.5	45.5	3	QS-R/LF123L28C2525E-140B	25.0	25.0	129.5	25.5	25.0	G1/8	150	0.62	N123L2-0800-0008-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

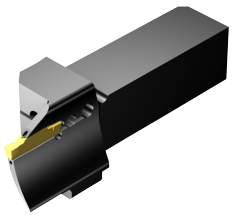
For the complete list of spare parts, visit www.sandvik.coromant.com

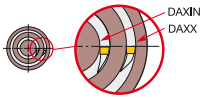
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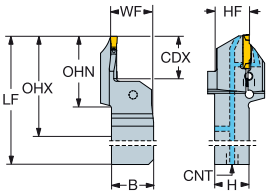
CoroCut® 1-2 QS shank tool for face grooving

Spring-lock design

Precision coolant supply







Inch version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CNT	PSI	LBS	MIID
	G	3/4 x 3/4	.550	1.339	1.732	2.214	1.464	3	QS-R/LF123G055C12E-034B	.750	.750	3.971	.770	.750	G1/8	2175	.598	N123G2-0300-0003-TF
		3/4 x 3/4	.550	1.496	1.890	2.214	1.464	3	QS-R/LF123G055C12E-038B	.750	.750	3.971	.770	.750	G1/8	2175	.596	N123G2-0300-0003-TF
		3/4 x 3/4	.550	1.654	2.362	2.214	1.464	3	QS-R/LF123G055C12E-042B	.750	.750	3.971	.770	.750	G1/8	2175	.579	N123G2-0300-0003-TF
		3/4 x 3/4	.550	2.126	2.953	2.214	1.464	3	QS-R/LF123G055C12E-054B	.750	.750	3.971	.770	.750	G1/8	2175	.579	N123G2-0300-0003-TF
		3/4 x 3/4	.550	2.638	3.937	2.214	1.464	3	QS-R/LF123G055C12E-067B	.750	.750	3.971	.770	.750	G1/8	2175	.572	N123G2-0300-0003-TF
		3/4 x 3/4	.550	3.543	6.299	2.214	1.464	3	QS-R/LF123G055C12E-090B	.750	.750	3.971	3.971	.750	G1/8	2175	.565	N123G2-0300-0003-TF
		3/4 x 3/4	.550	5.118	6.299	2.214	1.464	3	QS-R/LF123G055C12E-130B	.750	.750	3.971	.770	.750	G1/8	2175	.561	N123G2-0300-0003-TF
		1 x 1	.750	1.654	2.362	2.505	1.505	3	QS-R/LF123G075C16E-042B	1.000	1.000	4.812	1.020	1.000	G1/8	2175	1.034	N123G2-0300-0003-TF
		1 x 1	.750	2.126	2.953	2.505	1.505	3	QS-R/LF123G075C16E-054B	1.000	1.000	4.812	1.020	1.000	G1/8	2175	1.034	N123G2-0300-0003-TF
		1 x 1	.750	2.638	3.937	2.505	1.505	3	QS-R/LF123G075C16E-067B	1.000	1.000	4.812	1.020	1.000	G1/8	2175	1.034	N123G2-0300-0003-TF
		1 x 1	.800	3.543	6.299	2.505	1.505	3	QS-R/LF123G080C16E-090B	1.000	1.000	4.812	1.020	1.000	G1/8	2175	1.065	N123G2-0300-0003-TF
		1 x 1	.800	5.118	6.299	2.505	1.505	3	QS-R/LF123G080C16E-130B	1.000	1.000	4.812	1.020	1.000	G1/8	2175	1.065	N123G2-0300-0003-TF
	H	3/4 x 3/4	.800	1.575	2.362	2.376	1.626	3	QS-R/LF123H080C12E-040B	.750	.750	4.341	.770	.750	G1/8	2175	.618	N123H2-0400-0004-TF
		3/4 x 3/4	.800	2.047	2.835	2.376	1.626	3	QS-R/LF123H080C12E-052B	.750	.750	4.341	.770	.750	G1/8	2175	.618	N123H2-0400-0004-TF
		3/4 x 3/4	.800	2.520	3.937	2.376	1.626	3	QS-R/LF123H080C12E-064B	.750	.750	4.341	.770	.750	G1/8	2175	.605	N123H2-0400-0004-TF
		3/4 x 3/4	.800	3.622	5.512	2.376	1.626	3	QS-R/LF123H080C12E-092B	.750	.750	4.341	.770	.750	G1/8	2175	.603	N123H2-0400-0004-TF
		3/4 x 3/4	.800	5.197	9.055	2.376	1.626	3	QS-R/LF123H080C12E-132B	.750	.750	4.341	.770	.750	G1/8	2175	.596	N123H2-0400-0004-TF
		1 x 1	1.000	2.520	3.937	2.702	1.702	3	QS-R/LF123H100C16E-064B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.102	N123H2-0400-0004-TF
		1 x 1	1.000	3.622	5.512	2.702	1.702	3	QS-R/LF123H100C16E-092B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.102	N123H2-0400-0004-TF
		1 x 1	1.000	5.197	9.055	2.702	1.702	3	QS-R/LF123H100C16E-132B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.102	N123H2-0400-0004-TF
		1 x 1	1.000	8.661	19.685	2.702	1.702	3	QS-R/LF123H100C16E-220B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.102	N123H2-0400-0004-TF
		1 x 1	1.000	11.811	31.496	2.702	1.702	3	QS-R/LF123H100C16E-300B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.102	N123H2-0400-0004-TF
	J	1 x 1	1.000	2.362	3.740	2.702	1.702	3	QS-R/LF123J100C16E-060B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.124	N123J2-0500-0004-TF
		1 x 1	1.000	3.346	5.118	2.702	1.702	3	QS-R/LF123J100C16E-085B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.122	N123J2-0500-0004-TF
		1 x 1	1.000	4.724	7.087	2.702	1.702	3	QS-R/LF123J100C16E-120B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.118	N123J2-0500-0004-TF
		1 x 1	1.000	6.890	19.685	2.702	1.702	3	QS-R/LF123J100C16E-175B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.366	N123J2-0500-0004-TF
	K	1 x 1	.800	1.575	2.756	2.505	1.505	3	QS-R/LF123K080C16E-040B	1.000	1.000	4.812	1.020	1.000	G1/8	2175	1.144	N123K2-0600-0004-TF
		1 x 1	1.000	2.283	3.937	2.702	1.702	3	QS-R/LF123K100C16E-058B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.151	N123K2-0600-0004-TF
		1 x 1	1.000	3.465	7.087	2.702	1.702	3	QS-R/LF123K100C16E-088B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.137	N123K2-0600-0004-TF
		1 x 1	1.000	6.614	15.748	2.702	1.702	3	QS-R/LF123K100C16E-168B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.135	N123K2-0600-0004-TF
		1 x 1	1.000	8.661	19.685	2.702	1.702	3	QS-R/LF123K100C16E-220B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.131	N123K2-0600-0004-TF
	L	1 x 1	1.000	1.969	3.150	2.702	1.702	3	QS-R/LF123L100C16E-050B	1.000	1.000	5.009	1.020	1.000	G1/8	2175	1.151	N123L2-0800- CM
		1 x 1	1.100	2.953	5.906	2.787	1.787	3	QS-R/LF123L110C16E-075B	1.000	1.000	5.094	1.020	1.000	G1/8	2175	1.135	N123L2-0800- CM
		1 x 1	1.100	5.512	15.748	2.787	1.787	3	QS-R/LF123L110C16E-140B	1.000	1.000	5.094	1.020	1.000	G1/8	2175	1.135	N123L2-0800- CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

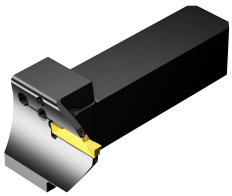
B5 F2 E3 G2 H37 H28 H18 H5

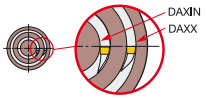
SANDVIK Coromant

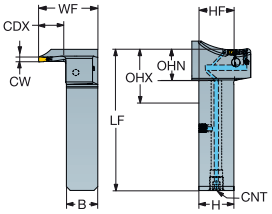
CoroCut® 1-2 QS shank tool for face grooving

Spring-lock design

Precision coolant supply







Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	Dimensions B	H	LF	WF	HF	CNT	BAR	KG	MIID
	H	25 x 25	13.0	40.0	60.0	47.0	22.0	3	QS-R/LG123H13C2525E-040B	25.0	25.0	106.0	40.0	25.0	G1/8	150	0.64	N123H2-0400-0004-TF
		25 x 25	13.0	52.0	72.0	47.0	22.0	3	QS-R/LG123H13C2525E-052B	25.0	25.0	106.0	40.0	25.0	G1/8	150	0.50	N123H2-0400-0004-TF
		25 x 25	20.0	64.0	100.0	47.0	22.0	3	QS-R/LG123H20C2525E-064B	25.0	25.0	106.0	47.0	25.0	G1/8	150	0.64	N123H2-0400-0004-TF
		25 x 25	20.0	92.0	140.0	47.0	22.0	3	QS-R/LG123H20C2525E-092B	25.0	25.0	106.0	47.0	25.0	G1/8	150	0.64	N123H2-0400-0004-TF
		25 x 25	20.0	132.0	230.0	47.0	22.0	3	QS-R/LG123H20C2525E-132B	25.0	25.0	106.0	47.0	25.0	G1/8	150	0.64	N123H2-0400-0004-TF

Inch version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CNT	PSI	LBS	MIID
	H	1 x 1	.500	1.575	2.362	1.866	.866	1	QS-R/LG123H050C16E-040B	1.000	1.000	4.173	1.579	1.000	G1/8	2175	1.100	N123H2-0400-0004-TF
		1 x 1	.500	2.047	2.835	1.866	.866	1	QS-R/LG123H050C16E-052B	1.000	1.000	4.173	1.579	1.000	G1/8	2175	1.100	N123H2-0400-0004-TF
		1 x 1	.750	2.520	3.937	1.866	.866	1	QS-R/LG123H075C16E-064B	1.000	1.000	4.173	1.829	1.000	G1/8	2175	1.100	N123H2-0400-0004-TF
		1 x 1	.750	3.622	5.512	1.866	.866	1	QS-R/LG123H075C16E-092B	1.000	1.000	4.173	1.829	1.000	G1/8	2175	1.100	N123H2-0400-0004-TF
		1 x 1	.750	5.197	9.055	1.866	.866	1	QS-R/LG123H075C16E-132B	1.000	1.000	4.173	1.829	1.000	G1/8	2175	1.100	N123H2-0400-0004-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

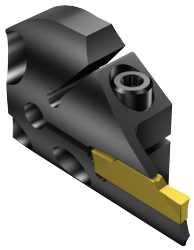
For the complete list of spare parts, visit www.sandvik.coromant.com

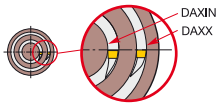
B5 F2 E3 G2 H37 H28 H18 H5

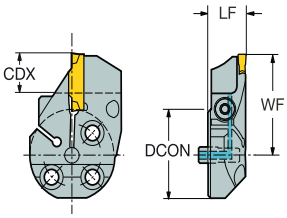
CoroCut® 1-2 head for face grooving

Screw clamp design

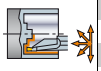
CoroTurn® SL - Internal coolant supply







A curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	F	32	12.0	40.0	56.0	1	570-32R/L123F12B040A	32	14.0	34.4	10	2.0	0.11	N123F2-0250-0002-CM
			.472	*1.575*	*2.205*			*1.260*	*.551*	*1.354*	*145*			
		32	12.0	54.0	70.0	1	570-32R/L123F12B054A	32	14.0	34.4	10	2.0	0.11	N123F2-0250-0002-CM
			.472	*2.126*	*2.756*			*1.260*	*.551*	*1.354*	*145*			
		32	15.0	68.0	98.0	1	570-32R/L123F15B068A	32	14.0	37.4	10	2.0	0.11	N123F2-0250-0002-CM
			.591	*2.677*	*3.858*			*1.260*	*.551*	*1.472*	*145*			
		32	15.0	90.0	140.0	1	570-32R/L123F15B090A	32	14.0	37.4	10	2.0	0.12	N123F2-0250-0002-CM
			.591	*3.543*	*5.512*			*1.260*	*.551*	*1.472*	*145*			
		32	15.0	130.0	300.0	1	570-32R/L123F15B130A	32	14.0	37.4	10	2.0	0.12	N123F2-0250-0002-CM
			.591	*5.118*	*11.811*			*1.260*	*.551*	*1.472*	*145*			
	G	32	12.0	34.0	44.0	1	570-32R/L123G12B034A	32	18.0	35.1	10	2.5	0.10	N123G2-0300-0003-TF
			.472	*1.339*	*1.732*			*1.260*	*.709*	*1.382*	*145*			
		32	15.0	42.0	60.0	1	570-32R/L123G15B042A	32	14.0	38.1	10	3.0	0.11	N123G2-0300-0003-TF
			.591	*1.654*	*2.362*			*1.260*	*.551*	*1.500*	*145*			
		32	15.0	54.0	75.0	1	570-32R/L123G15B054A	32	14.0	38.1	10	3.0	0.12	N123G2-0300-0003-TF
			.591	*2.126*	*2.953*			*1.260*	*.551*	*1.500*	*145*			
		32	18.0	67.0	100.0	1	570-32R/L123G18B067A	32	14.0	41.1	10	3.0	0.12	N123G2-0300-0003-TF
			.709	*2.638*	*3.937*			*1.260*	*.551*	*1.618*	*145*			
		32	18.0	90.0	160.0	1	570-32R/L123G18B090A	32	14.0	41.1	10	3.0	0.13	N123G2-0300-0003-TF
			.709	*3.543*	*6.299*			*1.260*	*.551*	*1.618*	*145*			
		32	18.0	130.0	300.0	1	570-32R/L123G18B130A	32	14.0	41.1	10	3.0	0.12	N123G2-0300-0003-TF
			.709	*5.118*	*11.811*			*1.260*	*.551*	*1.618*	*145*			
		32	18.0	300.0	1000.0	1	570-32R/L123G18B300A	32	14.0	41.1	10	3.0	0.13	N123G2-0300-0003-TF
			.709	*11.811*	*39.370*			*1.260*	*.551*	*1.618*	*145*			
	H	32	18.0	40.0	60.0	1	570-32R/L123H18B040A	32	18.0	41.1	10	3.0	0.14	N123H2-0400-0004-TF
			.709	*1.575*	*2.362*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	52.0	72.0	1	570-32R/L123H18B052A	32	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*2.047*	*2.835*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	64.0	100.0	1	570-32R/L123H18B064A	32	18.0	41.1	10	3.0	0.14	N123H2-0400-0004-TF
			.709	*2.520*	*3.937*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	92.0	140.0	1	570-32R/L123H18B092A	32	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*3.622*	*5.512*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	132.0	230.0	1	570-32R/L123H18B132A	32	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*5.197*	*9.055*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	220.0	500.0	1	570-32R/L123H18B220A	32	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*8.661*	*19.685*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	300.0	800.0	1	570-32R/L123H18B300A	32	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*11.811*	*31.496*			*1.260*	*.709*	*1.618*	*145*			
		40	18.0	40.0	60.0	1	570-40R/L123H18B040A	40	18.0	45.1	10	3.0	0.18	N123H2-0400-0004-TF
			.709	*1.575*	*2.362*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	52.0	72.0	1	570-40R/L123H18B052A	40	18.0	45.1	10	3.0	0.19	N123H2-0400-0004-TF
			.709	*2.047*	*2.835*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	64.0	100.0	1	570-40R/L123H18B064A	40	18.0	45.1	10	3.0	0.19	N123H2-0400-0004-TF
			.709	*2.520*	*3.937*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	92.0	140.0	1	570-40R/L123H18B092A	40	18.0	45.1	10	3.0	0.20	N123H2-0400-0004-TF
			.709	*3.622*	*5.512*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	132.0	230.0	1	570-40R/L123H18B132A	40	18.0	45.1	10	3.0	0.21	N123H2-0400-0004-TF
			.709	*5.197*	*9.055*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	220.0	500.0	1	570-40R/L123H18B220A	40	18.0	45.1	10	3.0	0.21	N123H2-0400-0004-TF
			.709	*8.661*	*19.685*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	300.0	800.0	1	570-40R/L123H18B300A	40	18.0	45.1	10	3.0	0.21	N123H2-0400-0004-TF
			.709	*11.811*	*31.496*			*1.575*	*.709*	*1.776*	*145*			

SSC = To correspond with SSC on insert.

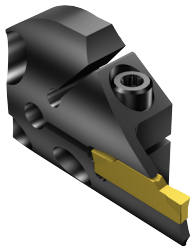
R = Right hand, L = Left hand

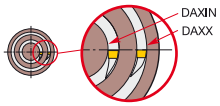
B5 F2 H37 H28 H5 H2

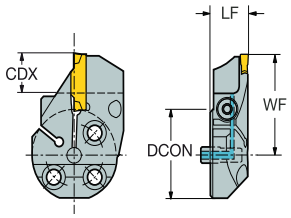
CoroCut® 1-2 head for face grooving

Screw clamp design

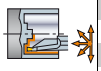
CoroTurn® SL - Internal coolant supply







A curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	J	32	18.0	40.0	70.0	1	570-32R/L123J18B040A	32	18.0	41.1	10	3.5	0.14	N123J2-0500-0004-TF
			.709	*1.575*	*2.756*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	60.0	95.0	1	570-32R/L123J18B060A	32	18.0	41.1	10	3.5	0.15	N123J2-0500-0004-TF
			.709	*2.362*	*3.740*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	85.0	130.0	1	570-32R/L123J18B085A	32	18.0	41.1	10	3.5	0.15	N123J2-0500-0004-TF
			.709	*3.346*	*5.118*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	120.0	180.0	1	570-32R/L123J18B120A	32	18.0	41.1	10	3.5	0.15	N123J2-0500-0004-TF
			.709	*4.724*	*7.087*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	175.0	500.0	1	570-32R/L123J18B175A	32	18.0	41.1	10	3.5	0.15	N123J2-0500-0004-TF
			.709	*6.890*	*19.685*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	180.0	980.0	1	570-32R/L123J18B180A	32	18.0	41.1	10	3.5	0.15	N123J2-0500-0004-TF
			.709	*7.087*	*38.583*			*1.260*	*.709*	*1.618*	*145*			
		40	18.0	40.0	70.0	1	570-40R/L123J18B040A	40	18.0	45.1	10	3.5	0.18	N123J2-0500-0004-TF
			.709	*1.575*	*2.756*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	60.0	95.0	1	570-40R/L123J18B060A	40	18.0	45.1	10	3.5	0.20	N123J2-0500-0004-TF
			.709	*2.362*	*3.740*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	85.0	130.0	1	570-40R/L123J18B085A	40	18.0	45.1	10	3.5	0.20	N123J2-0500-0004-TF
			.709	*3.346*	*5.118*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	120.0	180.0	1	570-40R/L123J18B120A	40	18.0	45.1	10	3.5	0.21	N123J2-0500-0004-TF
			.709	*4.724*	*7.087*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	175.0	500.0	1	570-40R/L123J18B175A	40	18.0	45.1	10	3.5	0.21	N123J2-0500-0004-TF
			.709	*6.890*	*19.685*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	180.0	980.0	1	570-40R/L123J18B180A	40	18.0	45.1	10	3.5	0.21	N123J2-0500-0004-TF
			.709	*7.087*	*38.583*			*1.575*	*.709*	*1.776*	*145*			
	K	32	18.0	40.0	70.0	1	570-32R/L123K18B040A	32	18.0	41.1	10	4.0	0.14	N123K2-0600-0004-TF
			.709	*1.575*	*2.756*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	58.0	100.0	1	570-32R/L123K18B058A	32	18.0	41.1	10	4.0	0.15	N123K2-0600-0004-TF
			.709	*2.283*	*3.937*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	88.0	180.0	1	570-32R/L123K18B088A	32	18.0	41.1	10	4.0	0.15	N123K2-0600-0004-TF
			.709	*3.465*	*7.087*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	168.0	400.0	1	570-32R/L123K18B168A	32	18.0	41.1	10	4.0	0.15	N123K2-0600-0004-TF
			.709	*6.614*	*15.748*			*1.260*	*.709*	*1.618*	*145*			
		32	18.0	220.0	1000.0	1	570-32R/L123K18B220A	32	18.0	41.1	10	4.0	0.16	N123K2-0600-0004-TF
			.709	*8.661*	*39.370*			*1.260*	*.709*	*1.618*	*145*			
		40	18.0	40.0	70.0	1	570-40R/L123K18B040A	40	18.0	45.1	10	4.0	0.19	N123K2-0600-0004-TF
			.709	*1.575*	*2.756*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	58.0	100.0	1	570-40R/L123K18B058A	40	18.0	45.1	10	4.0	0.20	N123K2-0600-0004-TF
			.709	*2.283*	*3.937*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	88.0	180.0	1	570-40R/L123K18B088A	40	18.0	45.1	10	4.0	0.21	N123K2-0600-0004-TF
			.709	*3.465*	*7.087*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	168.0	400.0	1	570-40R/L123K18B168A	40	18.0	45.1	10	4.0	0.21	N123K2-0600-0004-TF
			.709	*6.614*	*15.748*			*1.575*	*.709*	*1.776*	*145*			
		40	18.0	220.0	1000.0	1	570-40R/L123K18B220A	40	18.0	45.1	10	4.0	0.21	N123K2-0600-0004-TF
			.709	*8.661*	*39.370*			*1.575*	*.709*	*1.776*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts	
SSC	CZC_{MS}	Screw	Coolant tube
F	32	3212 012-260	5691 041-01
G	32	3212 012-310	5691 041-01
H,J,K	32	3212 012-310	5691 041-02
H,J,K	40	3212 012-311	5691 041-01

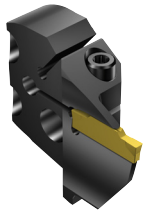
For the complete list of spare parts, visit www.sandvik.coromant.com

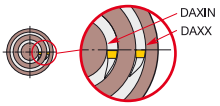
B5 F2 H37 H28 H5 H2

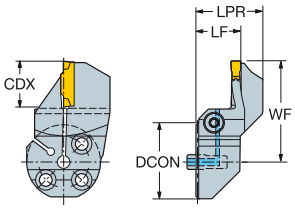
CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply







B curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
	F	32	12.0	40.0	56.0	1	570-32R/L123F12B040B	32	19.9	14.0	34.4	10	2.0	0.12	N123F2-0250-0002-CM
			.472	*1.575*	*2.205*			*1.260*	*.783*	*.551*	*1.354*	*145*			
		32	12.0	54.0	70.0	1	570-32R/L123F12B054B	32	21.4	14.0	34.4	10	2.0	0.12	N123F2-0250-0002-CM
			.472	*2.126*	*2.756*			*1.260*	*.843*	*.551*	*1.354*	*145*			
		32	15.0	68.0	98.0	1	570-32R/L123F15B068B	32	18.6	14.0	37.4	10	2.0	0.12	N123F2-0250-0002-CM
			.591	*2.677*	*3.858*			*1.260*	*.732*	*.551*	*1.472*	*145*			
		32	15.0	90.0	140.0	1	570-32R/L123F15B090B	32	17.1	14.0	37.4	10	2.0	0.12	N123F2-0250-0002-CM
			.591	*3.543*	*5.512*			*1.260*	*.673*	*.551*	*1.472*	*145*			
		32	15.0	130.0	300.0	1	570-32R/L123F15B130B	32	15.3	14.0	37.4	10	2.0	0.12	N123F2-0250-0002-CM
			.591	*5.118*	*11.811*			*1.260*	*.602*	*.551*	*1.472*	*145*			
	G	32	12.0	34.0	44.0	1	570-32R/L123G12B034B	32	26.0	14.0	35.1	10	2.5	0.13	N123G2-0300-0003-TF
			.472	*1.339*	*1.732*			*1.260*	*1.024*	*.551*	*1.382*	*145*			
		32	15.0	42.0	60.0	1	570-32R/L123G15B042B	32	21.1	14.0	38.1	10	3.0	0.13	N123G2-0300-0003-TF
			.591	*1.654*	*2.362*			*1.260*	*.831*	*.551*	*1.500*	*145*			
		32	15.0	54.0	75.0	1	570-32R/L123G15B054B	32	20.7	14.0	38.1	10	3.0	0.13	N123G2-0300-0003-TF
			.591	*2.126*	*2.953*			*1.260*	*.815*	*.551*	*1.500*	*145*			
		32	18.0	67.0	100.0	1	570-32R/L123G18B067B	32	18.1	14.0	41.1	10	3.0	0.13	N123G2-0300-0003-TF
			.709	*2.638*	*3.937*			*1.260*	*.713*	*.551*	*1.618*	*145*			
		32	18.0	90.0	160.0	1	570-32R/L123G18B090B	32	16.3	14.0	41.1	10	3.0	0.13	N123G2-0300-0003-TF
			.709	*3.543*	*6.299*			*1.260*	*.642*	*.551*	*1.618*	*145*			
		32	18.0	130.0	300.0	1	570-32R/L123G18B130B	32	15.1	14.0	41.1	10	3.0	0.12	N123G2-0300-0003-TF
			.709	*5.118*	*11.811*			*1.260*	*.594*	*.551*	*1.618*	*145*			
		32	18.0	300.0	1000.0	1	570-32R/L123G18B300B	32	14.1	14.0	41.1	10	3.0	0.12	N123G2-0300-0003-TF
			.709	*11.811*	*39.370*			*1.260*	*.555*	*.551*	*1.618*	*145*			
	H	32	18.0	40.0	60.0	1	570-32R/L123H18B040B	32	26.9	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*1.575*	*2.362*			*1.260*	*1.059*	*.709*	*1.618*	*145*			
		32	18.0	52.0	72.0	1	570-32R/L123H18B052B	32	24.6	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*2.047*	*2.835*			*1.260*	*.969*	*.709*	*1.618*	*145*			
		32	18.0	64.0	100.0	1	570-32R/L123H18B064B	32	22.2	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*2.520*	*3.937*			*1.260*	*.874*	*.709*	*1.618*	*145*			
		32	18.0	92.0	140.0	1	570-32R/L123H18B092B	32	20.8	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*3.622*	*5.512*			*1.260*	*.819*	*.709*	*1.618*	*145*			
		32	18.0	132.0	230.0	1	570-32R/L123H18B132B	32	19.5	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*5.197*	*9.055*			*1.260*	*.768*	*.709*	*1.618*	*145*			
		32	18.0	220.0	500.0	1	570-32R/L123H18B220B	32	18.5	18.0	41.1	10	3.0	0.05	N123H2-0400-0004-TF
			.709	*8.661*	*19.685*			*1.260*	*.728*	*.709*	*1.618*	*145*			
		32	18.0	300.0	800.0	1	570-32R/L123H18B300B	32	18.2	18.0	41.1	10	3.0	0.15	N123H2-0400-0004-TF
			.709	*11.811*	*31.496*			*1.260*	*.717*	*.709*	*1.618*	*145*			
		40	18.0	40.0	60.0	1	570-40R/L123H18B040B	40	28.3	18.0	45.1	10	3.0	0.21	N123H2-0400-0004-TF
			.709	*1.575*	*2.362*			*1.575*	*1.114*	*.709*	*1.776*	*145*			
		40	18.0	52.0	72.0	1	570-40R/L123H18B052B	40	29.5	18.0	45.1	10	3.0	0.21	N123H2-0400-0004-TF
			.709	*2.047*	*2.835*			*1.575*	*1.161*	*.709*	*1.776*	*145*			
		40	18.0	64.0	100.0	1	570-40R/L123H18B064B	40	25.0	18.0	45.1	10	3.0	0.21	N123H2-0400-0004-TF
			.709	*2.520*	*3.937*			*1.575*	*.984*	*.709*	*1.776*	*145*			
		40	18.0	92.0	140.0	1	570-40R/L123H18B092B	40	22.6	18.0	45.1	10	3.0	0.21	N123H2-0400-0004-TF
			.709	*3.622*	*5.512*			*1.575*	*.890*	*.709*	*1.776*	*145*			
		40	18.0	132.0	230.0	1	570-40R/L123H18B132B	40	20.5	18.0	45.1	10	3.0	0.21	N123H2-0400-0004-TF
			.709	*5.197*	*9.055*			*1.575*	*.807*	*.709*	*1.776*	*145*			
		40	18.0	220.0	500.0	1	570-40R/L123H18B220B	40	19.0	18.0	45.1	10	3.0	0.21	N123H2-0400-0004-TF
			.709	*8.661*	*19.685*			*1.575*	*.748*	*.709*	*1.776*	*145*			
		40	18.0	300.0	800.0	1	570-40R/L123H18B300B	40	18.5	18.0	45.1	10	3.0	0.21	N123H2-0400-0004-TF
			.709	*11.811*	*31.496*			*1.575*	*.728*	*.709*	*1.776*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

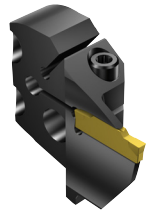
B5 F2 H37 H28 H5 H2

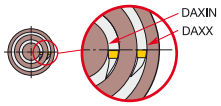
SANDVIK Coromant

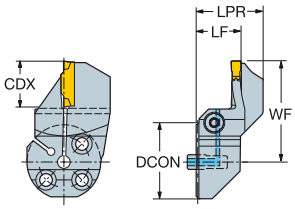
CoroCut® 1-2 head for face grooving

Screw clamp design

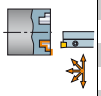
CoroTurn® SL - Internal coolant supply







B curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
	J	32	18.0	40.0	70.0	1	570-32R/L123J18B040B	32	25.2	18.0	41.1	10	3.5	0.14	N123J2-0500-0004-TF
			.709	*1.575*	*2.756*			*1.260*	*.992*	*.709*	*1.618*	*145*			
		32	18.0	60.0	95.0	1	570-32R/L123J18B060B	32	22.7	18.0	41.1	10	3.5	0.30	N123J2-0500-0004-TF
			.709	*2.362*	*3.740*			*1.260*	*.894*	*.709*	*1.618*	*145*			
		32	18.0	85.0	130.0	1	570-32R/L123J18B085B	32	21.1	18.0	41.1	10	3.5	0.15	N123J2-0500-0004-TF
			.709	*3.346*	*5.118*			*1.260*	*.831*	*.709*	*1.618*	*145*			
		32	18.0	120.0	180.0	1	570-32R/L123J18B120B	32	20.1	18.0	41.1	10	3.5	0.15	N123J2-0500-0004-TF
			.709	*4.724*	*7.087*			*1.260*	*.791*	*.709*	*1.618*	*145*			
		32	18.0	175.0	500.0	1	570-32R/L123J18B175B	32	18.5	18.0	41.1	10	3.5	0.15	N123J2-0500-0004-TF
			.709	*6.890*	*19.685*			*1.260*	*.728*	*.709*	*1.618*	*145*			
		32	18.0	180.0	980.0	1	570-32R/L123J18B180B	32	18.1	18.0	41.1	10	3.5	0.15	N123J2-0500-0004-TF
			.709	*7.087*	*38.583*			*1.260*	*.713*	*.709*	*1.618*	*145*			
		40	18.0	40.0	70.0	1	570-40R/L123J18B040B	40	26.5	18.0	45.1	10	3.5	0.21	N123J2-0500-0004-TF
			.709	*1.575*	*2.756*			*1.575*	*1.043*	*.709*	*1.776*	*145*			
		40	18.0	60.0	95.0	1	570-40R/L123J18B060B	40	25.8	18.0	45.1	10	3.5	0.21	N123J2-0500-0004-TF
			.709	*2.362*	*3.740*			*1.575*	*1.016*	*.709*	*1.776*	*145*			
		40	18.0	85.0	130.0	1	570-40R/L123J18B085B	40	23.1	18.0	45.1	10	3.5	0.21	N123J2-0500-0004-TF
			.709	*3.346*	*5.118*			*1.575*	*.909*	*.709*	*1.776*	*145*			
		40	18.0	120.0	180.0	1	570-40R/L123J18B120B	40	21.4	18.0	45.1	10	3.5	0.21	N123J2-0500-0004-TF
			.709	*4.724*	*7.087*			*1.575*	*.843*	*.709*	*1.776*	*145*			
		40	18.0	175.0	500.0	1	570-40R/L123J18B175B	40	19.0	18.0	45.1	10	3.5	0.21	N123J2-0500-0004-TF
			.709	*6.890*	*19.685*			*1.575*	*.748*	*.709*	*1.776*	*145*			
		40	18.0	180.0	980.0	1	570-40R/L123J18B180B	40	18.3	18.0	45.1	10	3.5	0.21	N123J2-0500-0004-TF
			.709	*7.087*	*38.583*			*1.575*	*.720*	*.709*	*1.776*	*145*			
	K	32	18.0	40.0	70.0	1	570-32R/L123K18B040B	32	25.6	18.0	41.1	10	4.0	0.16	N123K2-0600-0004-TF
			.709	*1.575*	*2.756*			*1.260*	*1.008*	*.709*	*1.618*	*145*			
		32	18.0	58.0	100.0	1	570-32R/L123K18B058B	32	22.5	18.0	41.1	10	4.0	0.15	N123K2-0600-0004-TF
			.709	*2.283*	*3.937*			*1.260*	*.886*	*.709*	*1.618*	*145*			
		32	18.0	88.0	180.0	1	570-32R/L123K18B088B	32	20.1	18.0	41.1	10	4.0	0.15	N123K2-0600-0004-TF
			.709	*3.465*	*7.087*			*1.260*	*.791*	*.709*	*1.618*	*145*			
		32	18.0	168.0	400.0	1	570-32R/L123K18B168B	32	18.7	18.0	41.1	10	4.0	0.15	N123K2-0600-0004-TF
			.709	*6.614*	*15.748*			*1.260*	*.736*	*.709*	*1.618*	*145*			
		32	18.0	220.0	1000.0	1	570-32R/L123K18B220B	32	18.1	18.0	41.1	10	4.0	0.15	N123K2-0600-0004-TF
			.709	*8.661*	*39.370*			*1.260*	*.713*	*.709*	*1.618*	*145*			
		40	18.0	40.0	70.0	1	570-40R/L123K18B040B	40	30.0	18.0	45.1	10	4.0	0.22	N123K2-0600-0004-TF
			.709	*1.575*	*2.756*			*1.575*	*1.181*	*.709*	*1.776*	*145*			
		40	18.0	58.0	100.0	1	570-40R/L123K18B058B	40	25.4	18.0	45.1	10	4.0	0.22	N123K2-0600-0004-TF
			.709	*2.283*	*3.937*			*1.575*	*1.000*	*.709*	*1.776*	*145*			
		40	18.0	88.0	180.0	1	570-40R/L123K18B088B	40	21.5	18.0	45.1	10	4.0	0.22	N123K2-0600-0004-TF
			.709	*3.465*	*7.087*			*1.575*	*.846*	*.709*	*1.776*	*145*			
		40	18.0	168.0	400.0	1	570-40R/L123K18B168B	40	19.3	18.0	45.1	10	4.0	0.21	N123K2-0600-0004-TF
			.709	*6.614*	*15.748*			*1.575*	*.760*	*.709*	*1.776*	*145*			
		40	18.0	220.0	1000.0	1	570-40R/L123K18B220B	40	18.3	18.0	45.1	10	4.0	0.21	N123K2-0600-0004-TF
			.709	*8.661*	*39.370*			*1.575*	*.720*	*.709*	*1.776*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Screw
F	32	3212 012-260
G	32	3212 012-310
H	32	3212 012-310
H	40	3212 012-311
J	32	3212 012-310
J	40	3212 012-311
K	32	3212 012-310
K	40	3212 012-311

For the complete list of spare parts, visit www.sandvik.coromant.com

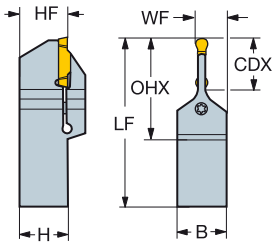
B5 F2 H37 H28 H5 H2

CoroCut® 1-2 shank tool for profiling

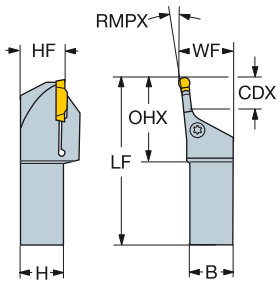
Screw clamp design



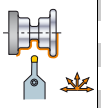
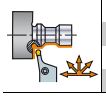
NF123..BM



R/LX123..B-007



Metric version

	SSC	CZC_{MS}	CDX	RMPX	OHX	Ordering code	Dimensions B	H	LPR	LF	WF	HF	NM	KG	MIID
	J	25 x 25	25.0		52.2	NF123J25-2525BM	25.0	25.0		150.0	15.0	25.0	6.0	0.66	N123J2-0600- RM
		32 x 25	25.0		52.2	NF123J25-3225BM	25.0	32.0		170.0	15.0	32.0	6.0	0.97	N123J2-0600- RM
	L	25 x 25	25.0	7°	63.7	R/LX123L25-2525B-007	25.0	25.0	190.0	190.0	32.0	25.0	6.5	0.99	N123L2-0800- RM
		32 x 32	25.0	7°	63.7	R/LX123L25-3232B-007	32.0	32.0	190.0	190.0	40.0	32.0	6.5	1.45	N123L2-0800- RM

SSC = To correspond with SSC on insert.

N = Neutral, R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Screw
J	25 x 25-32 x 25	5512 044-01
L	25 x 25-32 x 32	3212 012-360

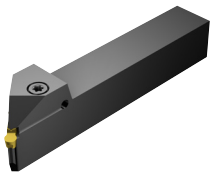
For the complete list of spare parts, visit www.sandvik.coromant.com

B5 F2 E3 H37 H28 H18

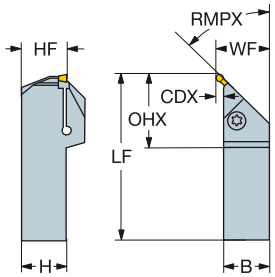
SANDVIK Coromant

CoroCut® 1-2 shank tool for profiling

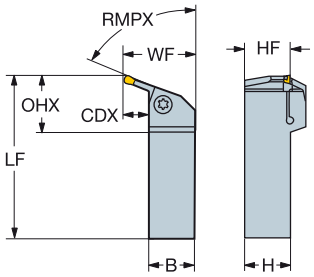
Screw clamp design



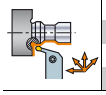
R/LX123..B-045



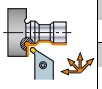
R/LX123..B-070



Metric version

	SSC	CZC_{MS}	CDX	RMPX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	G	20 x 20	4.0	45°	41.1	R/LX123G04-2020B-045	20.0	20.0	150.0	24.0	20.0	4.5	0.48	N123G2-0400- RM
		25 x 25	4.0	45°	41.1	R/LX123G04-2525B-045	25.0	25.0	150.0	29.0	25.0	4.5	0.73	N123G2-0400- RM
	J	20 x 20	5.0	45°	44.9	R/LX123J05-2020B-045	20.0	20.0	150.0	25.0	20.0	5.0	0.53	N123J2-0600- RM
		25 x 25	5.0	45°	44.9	R/LX123J05-2525B-045	25.0	25.0	150.0	30.0	25.0	5.0	0.75	N123J2-0600- RM
		32 x 25	5.0	45°	44.9	R/LX123J05-3225B-045	25.0	32.0	150.0	30.0	32.0	5.0	0.92	N123J2-0600- RM
	J	25 x 25	16.0	70°	40.0	R/LX123J16-2525B-070	25.0	25.0	190.0	41.7	25.0	5.0	1.00	N123J2-0600- RM
		32 x 32	16.0	70°	40.0	R/LX123J16-3232B-070	32.0	32.0	190.0	48.7	32.0	5.0	1.60	N123J2-0600- RM

Inch version

	SSC	CZC_{MS}	LU	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	G	3/4 x 3/4	.157	45°	1.701	R/LX123G016-12B-045	.750	.750	5.906	.921	.750	3.3	.968	N123G2-0400- RM
		1 x 1	.157	45°	1.701	R/LX123G016-16B-045	1.000	1.000	5.906	1.173	1.000	3.3	1.628	N123G2-0400- RM
	J	3/4 x 3/4	.197	45°	1.902	R/LX123J020-12B-045	.750	.750	5.906	.961	.750	3.7	1.012	N123J2-0500-0004-TF
		1 x 1	.197	45°	1.902	R/LX123J020-16B-045	1.000	1.000	6.693	1.213	1.000	3.7	1.672	N123J2-0500-0004-TF
		1 1/4 x 1	.197	45°	1.902	R/LX123J020-20B-045	1.250	1.250	6.693	1.461	1.250	3.7	2.420	N123J2-0500-0004-TF
	J	1 x 1	.630	20°	1.575	R/LX123J062-16B-070	1.000	1.000	7.480	1.669	1.000	3.7	2.288	N123J2-0500-0004-TF
		1 1/4 x 1	.630	20°	1.575	R/LX123J062-20B-070	1.250	1.250	7.480	1.917	1.250	3.7	3.476	N123J2-0500-0004-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts
SSC	Screw
G	3212 012-309
J	3212 012-360

For the complete list of spare parts, visit www.sandvik.coromant.com

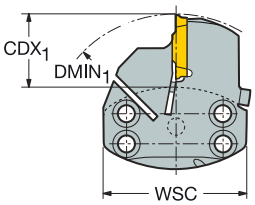
B5 F2 E3 H37 H28 H18

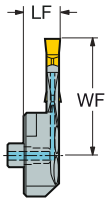
CoroCut® 1-2 head for profiling

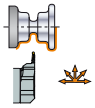
Screw clamp design

CoroTurn® SL70 – Precision coolant supply







	SSC	CZC_{MS}	CDX_1	$DMIN_1$	OHX	CNSC	Ordering code	Dimensions, mm, inch LF	WF	WSC	BAR PSI	NM	KG	MIID
	G	70	15.0	100.0	14.0	1	**SL70-R/L123G15A-HP**	15.5	48.0	70.0	80	4.0	0.27	N123G2-0300- GM
			.591	*3.937*	*.551*			*.610*	*1.890*	*2.756*	*1160*			
	H	70	30.0	100.0	14.0	1	**SL70-R/L123H30A-HP**	16.0	56.0	70.0	80	4.5	0.30	N123H2-0400- GM
			1.181	*3.937*	*.551*			*.630*	*2.205*	*2.756*	*1160*			
	K	70	15.0	120.0	15.0	1	**SL70-R/L123K15A-HP**	18.0	36.0	70.0	80	2.0	0.29	N123J2-0600-RO
			.591	*4.724*	*.591*			*.709*	*1.417*	*2.756*	*1160*			
		70	30.0	120.0	14.0	1	**SL70-R/L123K30A-HP-M**	17.0	55.0	70.0	80	4.5	0.32	N123J2-0600-RO
			1.181	*4.724*	*.551*			*.669*	*2.165*	*2.756*	*1160*			
		70	45.0	120.0	15.0	1	**SL70-R/L123K45A-HP**	18.0	71.0	70.0	80	6.0	0.36	N123J2-0600-RO
			1.772	*4.724*	*.591*			*.709*	*2.795*	*2.756*	*1160*			
	L	70	50.0	105.0	14.0	1	**SL70-R/L123L50A-HP**	18.0	81.0	70.0	80	6.5	0.39	N123L2-0800-RO
			1.969	*4.134*	*.551*			*.709*	*3.189*	*2.756*	*1160*			
		70	35.0	90.0	14.0	1	**SL70-R/L123L35A-HP-M**	18.0	61.0	70.0	80	6.5	0.35	N123L2-0800-RO
			1.378	*3.543*	*.551*			*.709*	*2.402*	*2.756*	*1160*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts		
SSC	CZC_{MS}	Screw	Nozzle	Guide bush
G	70	3212 010-312	5691 026-23	5552 058-04
H	70	3212 010-313	5691 026-23	5552 058-04
K	70	3212 010-313	5691 026-23	5552 058-04
L	70	3212 010-313	5691 026-23	5552 058-04

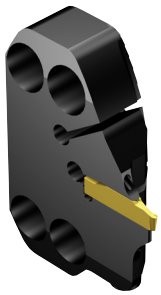
For the complete list of spare parts, visit www.sandvik.coromant.com

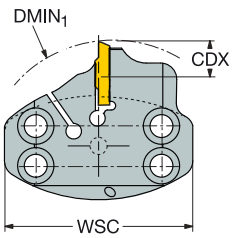
B5 F2 H37 H28 H5 H2

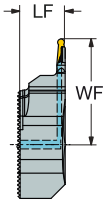
CoroCut® 1-2 head for profiling

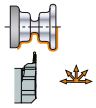
Screw clamp design

CoroTurn® SL70 – Precision coolant supply







	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch LF	WF	WSC	BAR PSI	NM	KG	MIID
	HL	70	11.0	100.0	1	**SL70-R123H05LC-HP**	17.5	38.4	70.0	80	3.1	0.31	L123H1-0200
			.433	*3.937*			*.689*	*1.512*	*2.756*	*1160*			
	HN	70	11.0	100.0	1	**SL70-R123H05NC-HP**	17.5	38.4	70.0	80	3.1	0.31	N123H1-0200
			.433	*3.937*			*.689*	*1.512*	*2.756*	*1160*			
	HR	70	11.0	100.0	1	**SL70-L123H05RC-HP**	17.5	38.4	70.0	80	3.1	0.31	R123H1-0200
			.433	*3.937*			*.689*	*1.512*	*2.756*	*1160*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts		
SSC	CZC_{MS}	Screw	Nozzle	Guide bush
HL	70	3212 010-313	5691 026-23	5552 058-04
HN	70	3212 010-313	5691 026-23	5552 058-04
HR	70	3212 010-313	5691 026-23	5552 058-04

For the complete list of spare parts, visit www.sandvik.coromant.com

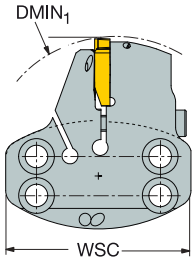
B5 F2 H37 H28 H5 H2

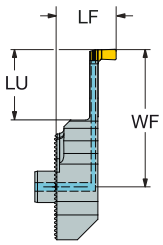
CoroCut® 1-2 head for grooving

Screw clamp design

CoroTurn® SL70 – Internal coolant supply







	SSC	CZC_{MS}	CDX_1	CDX_2	$DMIN_1$	LU	CNSC	Ordering code	Dimensions, mm, inch LF	WF	WSC	BAR PSI	NM	KG	MIID
	H	70	4.2	5.9	105.0	25.0	1	**SL70-R/LG123H06C**	22.9	52.0	70.0	30	8.0	0.30	RG123H1-0300-RO
			.165	*.232*	*4.134*	*.984*			*.902*	*2.047*	*2.756*	*435*			
	L	70	6.0	9.8	150.0	31.0	1	**SL70-R/LG123L09C**	27.7	61.0	70.0	30	8.5	0.36	RG123L1-0300-RO
			.236	*.386*	*5.906*	*1.220*			*1.091*	*2.402*	*2.756*	*435*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Note: Left hand inserts used in right hand holders, right hand inserts used in left hand holders.

Spare parts	
Screw	Guide bush
3212 020-363	5552 058-04

For the complete list of spare parts, visit www.sandvik.coromant.com

B5 F2 H37 H28 H5 H2

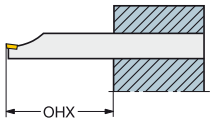
SANDVIK Coromant

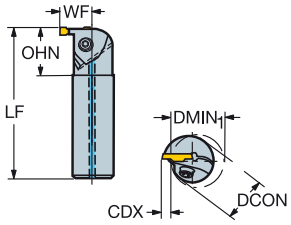
CoroCut® 1-2 boring bar for grooving

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply







Metric version

	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions DCON	LF	WF	BAR	NM	KG	MIID
	D	16	4.5	25.0	64.0	25.0	1	R/LAG123D04-16B	16	150.0	12.5	10	3.0	0.22	N123D2-0150-0002-CM
		20	5.0	32.0	80.0	30.0	1	R/LAG123D05-20B	20	180.0	15.3	10	3.0	0.43	N123D2-0150-0002-CM
	E	20	5.0	32.0	80.0	30.0	1	R/LAG123E05-20B	20	180.0	15.3	10	3.5	0.42	N123E2-0200- GM
		25	7.0	32.0	100.0	35.0	1	R/LAG123E07-25B	25	200.0	19.8	10	3.5	0.72	N123E2-0200- GM
	G	20	6.0	32.0	80.0	30.0	1	R/LAG123G06-20B	20	180.0	15.3	10	4.0	0.42	N123G2-0300- GM
		25	7.0	32.0	100.0	35.0	1	R/LAG123G07-25B	25	200.0	19.8	10	4.0	0.71	N123G2-0300- GM
	H	25	7.0	32.0	100.0	35.0	1	R/LAG123H07-25B	25	200.0	19.3	10	4.5	0.70	N123H2-0400- GM
	J	25	8.0	32.0	100.0	35.0	1	R/LAG123J08-25B	25	200.0	19.8	10	5.0	0.71	N123J2-0500- GM

Inch version

	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	D	5/8	.177	.984	2.500	.984	1	R/LAG123D016-10B	.625	5.906	.489	145	2.2	.517	N123D2-0150-0002-CM
		3/4	.197	1.260	3.000	1.181	1	R/LAG123D020-12B	.750	7.087	.592	145	2.2	.792	N123D2-0150-0002-CM
	E	3/4	.197	1.260	3.000	1.181	1	R/LAG123E020-12B	.750	7.087	.592	145	2.6	.836	N123E2-0200- GM
		1	.280	1.260	4.000	1.378	1	R/LAG123E028-16B	1.000	7.874	.785	145	2.6	1.232	N123E2-0200- GM
	G	3/4	.236	1.260	3.000	1.181	1	R/LAG123G024-12B	.750	7.087	.600	145	3.0	.781	N123G2-0300- GM
		1	.276	1.260	4.000	1.378	1	R/LAG123G030-16B	1.000	7.874	.778	145	3.0	1.601	N123G2-0300- GM
	H	1	.276	1.260	4.000	1.378	1	R/LAG123H030-16B	1.000	7.874	.758	145	3.3	1.628	N123H2-0400- GM
	J	1	.315	1.260	4.000	1.378	1	R/LAG123J031-16B	1.000	7.874	.778	145	3.7	1.628	N123J2-0500- GM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Metric version

		Spare parts
SSC	CZC_{MS}	Clamping screw
D	16-20	5512 031-03
E	20	5512 031-03
E	25	3212 012-259
G	20	5512 031-03
G,H,J	25	3212 012-309

Inch version

		Spare parts
SSC	CZC_{MS}	Clamping screw
D	5/8-3/4	5512 031-03
E	3/4	5512 031-03
E	1	3212 012-259
G	3/4	5512 031-03
G,H,J	1	3212 012-309

For the complete list of spare parts, visit www.sandvik.coromant.com

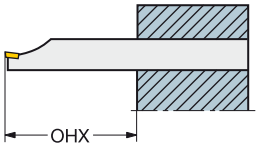
B5 F2 G2 H37 H28 H18 H5

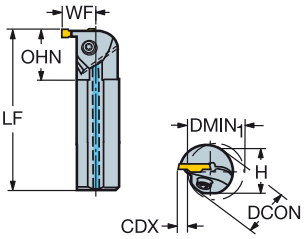
CoroCut® 1-2 boring bar for grooving

Screw clamp design

Cylindrical with flats - Internal coolant supply







Metric version

	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions DCON	H	LF	WF	BAR	NM	KG	MIID
	E	32	9.5	40.0	128.0	45.0	1	R/LAG123E09-32B	32	30.0	250.0	25.5	10	4.0	1.44	N123E2-0200- GM
	G	32	9.0	40.0	128.0	45.0	1	R/LAG123G09-32B	32	30.0	250.0	25.3	10	4.5	1.44	N123G2-0300- GM
		40	11.0	50.0	160.0	55.0	1	R/LAG123G11-40B	40	37.0	300.0	31.0	10	4.5	2.64	N123G2-0300- GM
	H	32	10.0	40.0	128.0	45.0	1	R/LAG123H10-32B	32	30.0	250.0	26.5	10	4.5	1.43	N123H2-0400- GM
		40	11.0	50.0	160.0	55.0	1	R/LAG123H11-40B	40	37.0	300.0	31.0	10	5.0	2.65	N123H2-0400- GM
		50	13.0	60.0	200.0	65.0	1	R/LAG123H13-50B	50	47.0	350.0	38.3	10	5.0	4.96	N123H2-0400- GM
	J	32	11.0	40.0	128.0	45.0	1	R/LAG123J11-32B	32	30.0	250.0	27.0	10	5.0	1.42	N123J2-0500- GM
		40	11.0	50.0	160.0	55.0	1	R/LAG123J11-40B	40	37.0	300.0	31.0	10	5.5	2.64	N123J2-0500- GM
		50	13.0	60.0	200.0	65.0	1	R/LAG123J13-50B	50	47.0	350.0	38.3	10	5.5	5.22	N123J2-0500- GM
	K	40	11.0	50.0	160.0	55.0	1	R/LAG123K11-40B	40	37.0	300.0	31.0	10	5.5	2.37	N123K2-0600-GM
		50	13.0	60.0	200.0	65.0	1	R/LAG123K13-50B	50	47.0	350.0	38.3	10	5.5	4.96	N123K2-0600-GM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts
SSC	CZC_{MS}	Clamping screw
E	32	3212 012-259
G	32	3212 012-309
G	40	3212 012-310
H	32	3212 012-359
H	40-50	3212 012-360
J	32	3212 012-359
J	40-50	3212 012-360
K	40-50	3212 012-360

For the complete list of spare parts, visit www.sandvik.coromant.com

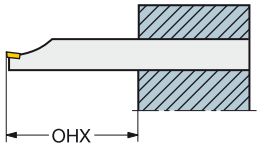
B5 F2 G2 H37 H28 H18 H5

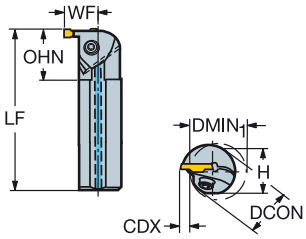
CoroCut® 1-2 boring bar for grooving

Screw clamp design

Cylindrical with flats - Internal coolant supply







Inch version

	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	E	1 1/4	.374	1.575	5.000	1.772	1	R/LAG123E035-20B	1.250	1.180	9.843	1.014	145	3.0	3.168	N123E2-0200- GM
	G	1 1/4	.354	1.575	5.000	1.772	1	R/LAG123G037-20B	1.250	1.180	9.843	1.014	145	3.3	2.508	N123G2-0300- GM
		1 1/2	.430	1.969	6.000	2.165	1	R/LAG123G043-24B	1.500	1.460	11.811	1.189	145	3.3	5.398	N123G2-0300- GM
	H	1 1/4	.394	1.575	5.000	1.772	1	R/LAG123H039-20B	1.250	1.180	9.843	1.053	145	3.3	3.036	N123H2-0400- GM
		1 1/2	.430	1.969	6.000	2.165	1	R/LAG123H043-24B	1.500	1.460	11.811	1.220	145	3.7	5.412	N123H2-0400- GM
		2	.512	2.362	8.000	2.559	1	R/LAG123H051-32B	2.000	1.850	13.780	1.506	145	3.7	10.912	N123H2-0400- GM
	J	1 1/4	.433	1.575	5.000	1.772	1	R/LAG123J045-20B	1.250	1.180	9.843	1.073	145	3.7	3.036	N123J2-0500- GM
		1 1/2	.433	1.969	6.000	2.165	1	R/LAG123J045-24B	1.500	1.460	11.811	1.189	145	4.1	5.456	N123J2-0500- GM
		2	.512	2.362	8.000	2.559	1	R/LAG123J051-32B	2.000	1.850	13.780	1.524	145	4.1	11.145	N123J2-0500- GM
	K	1 1/2	.430	1.969	6.000	2.165	1	R/LAG123K043-24B	1.500	1.460	11.811	1.189	145	4.1	5.273	N123K2-0600-GM
		2	.512	2.362	8.000	2.559	1	R/LAG123K053-32B	2.000	1.850	13.780	1.524	145	4.1	11.194	N123K2-0600-GM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Clamping screw
E	1 1/4	3212 012-259
G	1 1/4	3212 012-309
G	1 1/2	3212 012-310
H	1 1/4	3212 012-359
H	1 1/2-2	3212 012-360
J	1 1/4	3212 012-359
J	1 1/2-2	3212 012-360
K	1 1/2-2	3212 012-360

For the complete list of spare parts, visit www.sandvik.coromant.com

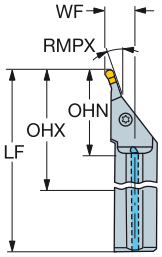
B5 F2 G2 H37 H28 H18 H5

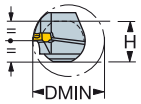
CoroCut® 1-2 boring bar for profiling

Screw clamp design

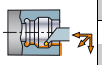
Cylindrical with flats - Internal coolant supply



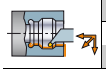




Metric version

	SSC	CZC_{MS}	CDX	$DMIN_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions DCON	H	LF	WF	HF	BAR	NM	KG	MIID
	J	40	25.0	63.5	20°	160.0	65.6	1	R/LAX123J25-40B-020	40	37.0	254.0	26.0	18.5	10	3.0	2.14	N123J2-0600- AM
	L	40	25.0	63.5	20°	160.0	65.6	1	R/LAX123L25-40B-020	40	37.0	254.0	26.0	18.5	10	3.0	2.11	N123L2-0800- AM

Inch version

	SSC	CZC_{MS}	CDX	$DMIN_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	HF	PSI	FT/LBS	LBS	MIID
	J	1 1/2	.941	2.500	20°	6.000	2.539	1	R/LAX123J094-24B-020	1.500	1.374	10.000	.961	.687	145	2.2	4.079	N123J2-0600- AM
	L	1 1/2	.941	2.500	20°	6.000	2.571	1	R/LAX123L094-24B-020	1.500	1.374	10.000	1.000	.687	145	2.2	4.180	N123L2-0800- AM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts
Clamping screw
5512 044-01

For the complete list of spare parts, visit www.sandvik.coromant.com

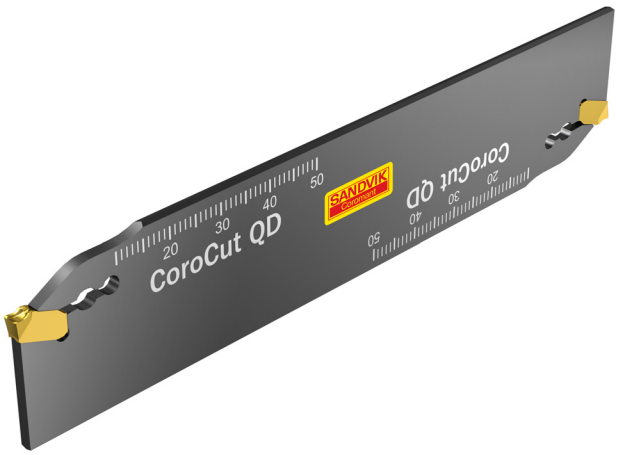
B5 G2 H37 H28 H18 H5

CoroCut® QD

For secure parting off and deep grooving

Application

- Parting off
- Deep grooving
- When machining with long overhang



ISO application area:

P M K N S

Benefits and features

- Insert geometries optimize coolant access
- Insert grades with high edge-line security
- Chip breaking geometries
- Material alloy with high fatigue resistance
- No torque wrench needed, correct clamping force ensured with quick-release key
- Rail insert seat ensures stable, precise insert position

www.sandvik.coromant.com/corocutqd

Tools

- Coromant Capto® cutting units
- Parting blades
- Shank tools
- QS™ shank tools
- CoroTurn® SL heads

Inserts

- Insert grades and geometries dedicated for parting-off
- Wiper inserts for excellent surface finish

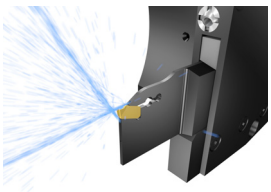
Key for insert indexing

Quick-release key for insert indexing with one hand.



Precision coolant

All tools have internal over and under coolant supply for chip control and tool life. The adapters have plug-and-play function for easy connection in the machine.



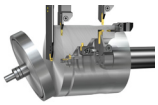
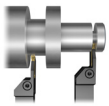
B74 B74 B74 H28

CoroCut® QD

Inserts

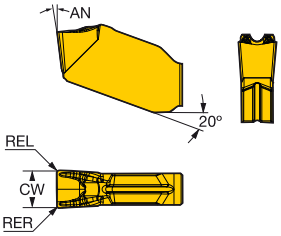
	Parting					Grooving	Turning
	 QD-CF	 QD-CL	 QD-CM	 QD-CO	 QD-CR	 QD-GM	 QD-TF
Insert width, mm	1.00-3.00	2.50-8.00	1.00-8.00	2.00-6.00	2.00-6.00	6.00-8.00	3.00-8.00
Insert width, inch	.039-.118	.098-.315	.039-.315	.079-.236	.079-.236	.236-.315	.118-.315
Page	B75	B75	B76	B77	B78	B79	B80

Tools

			
Tool holding	**Parting and grooving**	**Parting**	**Grooving**
Coromant Capto®	B81		
Blade		B88-B97	
Shank	B82-B86		
QS Shank	B87		
CoroTurn® SL cutting head			B98

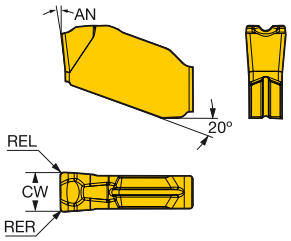
CoroCut® QD insert for parting





		SSC	CW	REL	RER	Ordering code	P				M				K				N				S				Dimensions, mm, inch				
							1105	1125	1135	1145	1105	1125	1135	1145	1125	1135	1145	4325	1105	1125	1135	1145	1105	1125	1135	1145	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		B	1.00	0.07	0.07	QD-NB-0100-0001-CF		★		☆		★		☆	★		☆			★		☆		☆		★	7°	-0.050	0.050	-0.050	0.050
			.039	.003	.003																							-.0020	.0020	-.0020	.0020
		C	1.20	0.10	0.10	QD-NC-0120-0001-CF		★		☆		★		☆	★		☆			★		☆		☆		★	7°	-0.050	0.050	-0.050	0.050
			.047	.004	.004																							-.0020	.0020	-.0020	.0020
		D	1.50	0.10	0.10	QD-ND-0150-0001-CF		★		☆		★		☆	★		☆			★		☆		☆		★	7°	-0.050	0.050	-0.050	0.050
			.059	.004	.004																							-.0020	.0020	-.0020	.0020
		E	2.00	0.15	0.15	QD-NE-0200-0001-CF	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆		★	☆	☆	☆	★	☆	☆	☆	7°	-0.050	0.050	-0.050	0.050
			.079	.006	.006																							-.0020	.0020	-.0020	.0020
		F	2.50	0.15	0.15	QD-NF-0250-0001-CF	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	☆	7°	-0.050	0.050	-0.050	0.050
			.098	.006	.006																							-.0020	.0020	-.0020	.0020
		G	3.00	0.15	0.15	QD-NG-0300-0001-CF	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	☆	7°	-0.050	0.050	-0.050	0.050
			.118	.006	.006																							-.0020	.0020	-.0020	.0020





		SSC	CW	REL	RER	Ordering code	P			M			K				N			S			Dimensions, mm, inch				
							1125	1135	1145	1125	1135	1145	1125	1135	1145	4325	1125	1135	1145	1125	1135	1145	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		E	2.00	0.30	0.30	QD-NE-0200-0003-CL	☆	★		☆	★		★	☆			★	☆		★	☆		7°	-0.050	0.050	-0.050	0.050
			.079	.012	.012																						-.0020	.0020	-.0020	.0020
		F	2.50	0.30	0.30	QD-NF-0250-0003-CL	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.098	.012	.012																						-.0020	.0020	-.0020	.0020
		G	3.00	0.30	0.30	QD-NG-0300-0003-CL	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.118	.012	.012																						-.0020	.0020	-.0020	.0020
		H	4.00	0.30	0.30	QD-NH-0400-0003-CL	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.157	.012	.012																						-.0020	.0020	-.0020	.0020
		J	5.00	0.40	0.40	QD-NJ-0500-0004-CL	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.197	.016	.016																						-.0020	.0020	-.0020	.0020
		K	6.00	0.40	0.40	QD-NK-0600-0004-CL	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.236	.016	.016																						-.0020	.0020	-.0020	.0020
		L	8.00	0.40	0.40	QD-NL-0800-0004-CL	☆	★		☆	★		★	☆		☆	★	☆		★	☆		7°	-0.050	0.050	-0.050	0.050
			.315	.016	.016																						-.0020	.0020	-.0020	.0020

SSC = To correspond with SSC on holder.

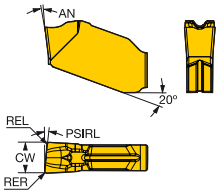
N = Neutral

B74 B162 B183 B178 H37 H28 H19 H4

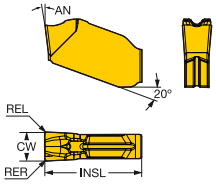
CoroCut® QD insert for parting



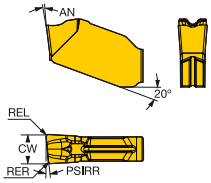
QD-L..-CM



QD-N..-CM



QD-R..-CM



		SSC	CW	REL	RER	PSIRL	PSIRR	Ordering code	P 1105	P 1125	P 1135	P 1145	M 1105	M 1125	M 1135	M 1145	K 1125	K 1135	K 1145	K 4325	N 1105	N 1125	N 1135	N 1145	N H13A	S 1105	S 1125	S 1135	S 1145	Dimensions, mm, inch AN
Medium		E	2.0	0.20	0.20	5°		QD-LE-0200-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
			.079	.008	.008																									
		F	2.5	0.20	0.20	5°		QD-LF-0250-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
			.098	.008	.008																									
		G	3.0	0.20	0.20	5°		QD-LG-0300-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
			.118	.008	.008																									
		H	4.0	0.20	0.20	5°		QD-LH-0400-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
			.157	.008	.008																									
		B	1.0	0.07	0.07			QD-NB-0100-0001-CM	☆	★		☆	☆	★		☆	★		☆		★	☆		☆		☆	☆		★	7°
			.039	.003	.003																									
		C	1.2	0.10	0.10			QD-NC-0120-0001-CM	☆	★		☆	☆	★		☆	★		☆		★	☆		☆		☆	☆		★	7°
			.047	.004	.004																									
		D	1.5	0.10	0.10			QD-ND-0150-0001-CM	☆	★		☆	☆	★		☆	★		☆		★	☆		☆		☆	☆		★	7°
			.059	.004	.004																									
		E	2.0	0.20	0.20			QD-NE-0200-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	★	7°
			.079	.008	.008																									
			2.4	0.20	0.20			QD-NE-0239-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	★	7°
			.094	.008	.008																									
		F	2.5	0.20	0.20			QD-NF-0250-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	★	7°
			.098	.008	.008																									
		G	3.0	0.20	0.20			QD-NG-0300-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	★	7°
			.118	.008	.008																									
			3.0	0.40	0.40			QD-NG-0300-0004-CM		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
			.118	.016	.016																									
			3.2	0.20	0.20			QD-NG-0318-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	★	7°
			.125	.008	.008																									
		H	4.0	0.20	0.20			QD-NH-0400-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	★	7°
			.157	.008	.008																									
			4.0	0.40	0.40			QD-NH-0400-0004-CM		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
			.157	.016	.016																									
			4.8	0.20	0.20			QD-NH-0476-0002-CM		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
			.187	.008	.008																									
		J	5.0	0.20	0.20			QD-NJ-0500-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆		☆	☆	☆	★	7°
			.197	.008	.008																									
		K	6.0	0.30	0.30			QD-NK-0600-0003-CM		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
			.236	.012	.012																									
			6.4	0.30	0.30			QD-NK-0635-0003-CM		☆	★			☆	★		★	☆		☆		★	☆				★	☆		7°
			.250	.012	.012																									
		L	8.0	0.40	0.40			QD-NL-0800-0004-CM		☆	★			☆	★		★	☆		☆		★	☆				★	☆		7°
			.315	.016	.016																									
		E	2.0	0.20	0.20		5°	QD-RE-0200-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
			.079	.008	.008																									
		F	2.5	0.20	0.20		5°	QD-RF-0250-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
			.098	.008	.008																									
		G	3.0	0.20	0.20		5°	QD-RG-0300-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
			.118	.008	.008																									
		H	4.0	0.20	0.20		5°	QD-RH-0400-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
			.157	.008	.008																									

SSC = To correspond with SSC on holder.

N = Neutral, R = Right hand, L = Left hand

Tolerances:

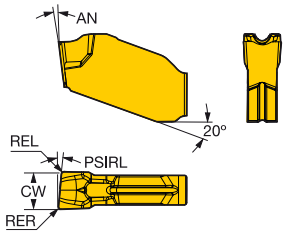
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-L..-CM	-0.050	0.050	-.0020	.0020	-0.05	0.05	-.0020	.0020
QD-N..-CM	-0.050	0.050	-.0020	.0020	-0.05	0.05	-.0020	.0020
QD-R..-CM	-0.050	0.050	-.0020	.0020	-0.05	0.05	-.0020	.0020

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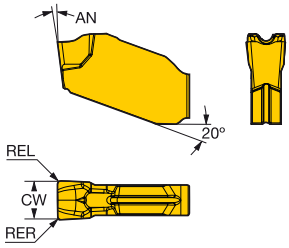
CoroCut® QD insert for parting



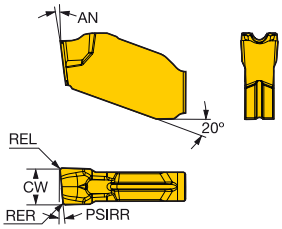
QD-L..-CO



QD-N..-CO



QD-R..-CO



		SSC	CW	REL	RER	PSIRL	PSIRR	Ordering code	P 1105	P 1125	P 1135	P 1145	M 1105	M 1125	M 1135	M 1145	K 1125	K 1135	K 1145	N 1105	N 1125	N 1135	N 1145	N H13A	S 1105	S 1125	S 1135	S 1145	Dimensions, mm, inch AN
Finishing		E	2.0	0.10	0.10	8°		QD-LE-0200-0801-CO		☆	★	☆		☆	★	☆	★	☆	☆		★	☆	☆			☆	☆	★	7°
			.079	*.004*	*.004*																								
		F	2.5	0.10	0.10	8°		QD-LF-0250-0801-CO		☆	★	☆		☆	★	☆	★	☆	☆		★	☆	☆			☆	☆	★	7°
			.098	*.004*	*.004*																								
		G	3.0	0.10	0.10	5°		QD-LG-0300-0501-CO		☆	★	☆		☆	★	☆	★	☆	☆		★	☆	☆			☆	☆	★	7°
			.118	*.004*	*.004*																								
		E	2.0	0.10	0.10			QD-NE-0200-0001-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	7°
			.079	*.004*	*.004*																								
		F	2.5	0.10	0.10			QD-NF-0250-0001-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	7°
			.098	*.004*	*.004*																								
		G	3.0	0.10	0.10			QD-NG-0300-0001-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	7°
			.118	*.004*	*.004*																								
		H	4.0	0.20	0.20			QD-NH-0400-0002-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	7°
			.157	*.008*	*.008*																								
		J	5.0	0.20	0.20			QD-NJ-0500-0002-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	★	☆	☆	☆		☆	☆	☆	★	7°
			.197	*.008*	*.008*																								
		K	6.0	0.20	0.20			QD-NK-0600-0002-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	★	☆	☆	☆		☆	☆	☆	★	7°
			.236	*.008*	*.008*																								
		E	2.0	0.10	0.10		8°	QD-RE-0200-0801-CO		☆	★	☆		☆	★	☆	★	☆	☆		★	☆	☆			☆	☆	★	7°
			.079	*.004*	*.004*																								
		F	2.5	0.10	0.10		8°	QD-RF-0250-0801-CO		☆	★	☆		☆	★	☆	★	☆	☆		★	☆	☆			☆	☆	★	7°
			.098	*.004*	*.004*																								
		G	3.0	0.10	0.10		5°	QD-RG-0300-0501-CO		☆	★	☆		☆	★	☆	★	☆	☆		★	☆	☆			☆	☆	★	7°
			.118	*.004*	*.004*																								

SSC = To correspond with SSC on holder.

N = Neutral, R = Right hand, L = Left hand

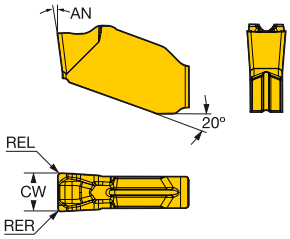
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-L..-CO	-0.020	0.020	-.0008	.0008	-0.05	0.05	-.0020	.0020
QD-N..-CO	-0.020	0.020	-.0008	.0008	-0.05	0.05	-.0020	.0020
QD-R..-CO	-0.020	0.020	-.0008	.0008	-0.05	0.05	-.0020	.0020

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CoroCut® QD insert for parting





		SSC	CW	REL	RER	Ordering code	P			M			K				N			S			Dimensions, mm, inch				
							1125	1135	1145	1125	1135	1145	1125	1135	1145	4325	1125	1135	1145	1125	1135	1145	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Roughing		E	2.00	0.30	0.30	QD-NE-0200-0003-CR	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.079	*.012*	*.012*																			*-.0020*	*.0020*	*-.0020*	*.0020*
		F	2.50	0.30	0.30	QD-NF-0250-0003-CR	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.098	*.012*	*.012*																			*-.0020*	*.0020*	*-.0020*	*.0020*
		G	3.00	0.30	0.30	QD-NG-0300-0003-CR	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.118	*.012*	*.012*																			*-.0020*	*.0020*	*-.0020*	*.0020*
		H	4.00	0.30	0.30	QD-NH-0400-0003-CR	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.157	*.012*	*.012*																			*-.0020*	*.0020*	*-.0020*	*.0020*
		J	5.00	0.40	0.40	QD-NJ-0500-0004-CR	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.197	*.016*	*.016*																			*-.0020*	*.0020*	*-.0020*	*.0020*
		K	6.00	0.40	0.40	QD-NK-0600-0004-CR	☆	★	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
			.236	*.016*	*.016*																			*-.0020*	*.0020*	*-.0020*	*.0020*

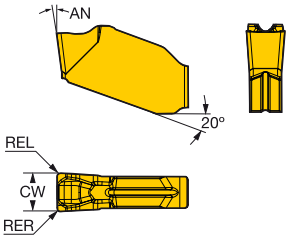
SSC = To correspond with SSC on holder.

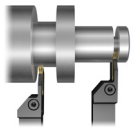
N = Neutral

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CoroCut® QD insert for grooving





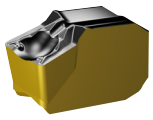
		SSC	CW	REL	RER	Ordering code	P 1125	P 1135	P 1145	M 1125	M 1135	M 1145	K 1125	K 1135	K 4325	N 1125	N 1135	S 1125	S 1135	S 1145	Dimensions, mm, inch AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		K	6.00	0.40	0.40	QD-NK-0600-0004-GM	☆	★	☆	☆	★	☆	☆	☆	★	★	☆	★	☆	☆	7°	-0.050	0.050	-0.050	0.050
			.236	*.016*	*.016*																	*-.0020*	*.0020*	*-.0020*	*.0020*
		L	8.00	0.80	0.80	QD-NL-0800-0008-GM	☆	★	☆	☆	★	☆	☆	☆	★	★	☆	★	☆	☆	7°	-0.050	0.050	-0.050	0.050
			.315	*.031*	*.031*																	*-.0020*	*.0020*	*-.0020*	*.0020*

SSC = To correspond with SSC on holder.

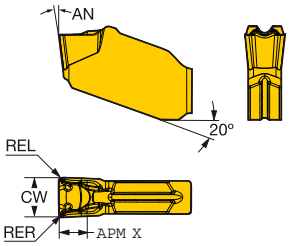
N = Neutral

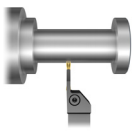
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CoroCut® QD insert for turning







		SSC	CW	REL	RER	APMX	Ordering code	P 1105	P 1125	P 1135	P 1145	P 4325	M 1105	M 1125	M 1135	M 1145	M H13A	K 1125	K 1135	K 4325	K H13A	N 1105	N 1125	N 1135	N H13A	S 1105	S 1125	S 1135	S 1145	S H13A	Dimensions, mm, inch AN
Finishing		G	3.0	0.30	0.30	2.1	QD-NG-0300-0003-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆		☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			.118	.012	.012	.083																									
		H	4.0	0.40	0.40	2.8	QD-NH-0400-0004-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆		☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			.157	.016	.016	.110																									
		J	5.0	0.40	0.40	3.5	QD-NJ-0500-0004-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆		☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			.197	.016	.016	.138																									
		K	6.0	0.40	0.40	4.0	QD-NK-0600-0004-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆		☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			.236	.016	.016	.157																									
		L	8.0	0.80	0.80	4.0	QD-NL-0800-0008-TF	☆	☆	★	☆	☆	☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			.315	.031	.031	.157																									
Medium		G	3.0	0.40	0.40	2.1	QD-NG-0300-0004-TM		☆	★				☆	★			★	☆				★	☆			★	☆			7°
			.118	.016	.016	.083																									
		H	4.0	0.40	0.40	2.8	QD-NH-0400-0004-TM		☆	★				☆	★			★	☆				★	☆			★	☆			7°
			.157	.016	.016	.110																									
			4.0	0.80	0.80	2.8	QD-NH-0400-0008-TM		☆	★				☆	★			★	☆				★	☆			★	☆			7°
			.157	.031	.031	.110																									
		J	5.0	0.40	0.40	3.5	QD-NJ-0500-0004-TM		☆	★				☆	★			★	☆				★	☆			★	☆			7°
			.197	.016	.016	.138																									
		K	6.0	0.40	0.40	4.0	QD-NK-0600-0004-TM		☆	★				☆	★			★	☆				★	☆			★	☆			7°
			.236	.016	.016	.157																									

SSC = To correspond with SSC on holder. N = Neutral

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-N..-TF	-0.050	0.050	-.0020	.0020	-0.05	0.05	-.0020	.0020
QD-N..-TM	-0.050	0.050	-.0020	.0020	-0.05	0.05	-.0020	.0020

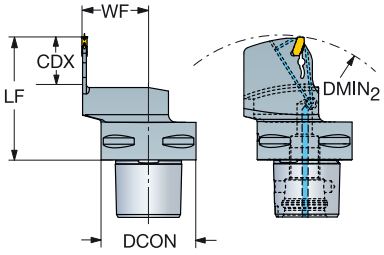
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CoroCut® QD cutting unit for parting and grooving

Spring-lock design

Precision coolant supply





SSC	CZC$_{MS}$	CDX	DMIN$_2$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	KG	MIID
E	C3	22.0	133.0	3	C3-QD-R/LFE22C22055A	32	55.0	22.0	150	0.21	QD-NE-0200-0002-CM
		.866	*5.236*			*1.260*	*2.165*	*.866*	*2175*		
	C4	22.0	151.0	3	C4-QD-R/LFE22C27060A	40	60.0	27.0	150	0.43	QD-NE-0200-0002-CM
		.866	*5.945*			*1.575*	*2.362*	*1.063*	*2175*		
F	C3	25.0	133.0	3	C3-QD-R/LFF25C22055A	32	55.0	22.0	150	0.20	QD-NF-0250-0002-CM
		.984	*5.236*			*1.260*	*2.165*	*.866*	*2175*		
	C4	25.0	151.0	3	C4-QD-R/LFF25C27060A	40	60.0	27.0	150	0.41	QD-NF-0250-0002-CM
		.984	*5.945*			*1.575*	*2.362*	*1.063*	*2175*		
	C5	25.0	170.0	3	C5-QD-R/LFF25C35065A	50	65.0	35.0	150	0.71	QD-NF-0250-0002-CM
		.984	*6.693*			*1.969*	*2.559*	*1.378*	*2175*		
G	C3	25.0	133.0	3	C3-QD-R/LFG25C22055A	32	55.0	22.0	150	0.25	QD-NG-0300-0002-CM
		.984	*5.236*			*1.260*	*2.165*	*.866*	*2175*		
	C4	25.0	151.0	3	C4-QD-R/LFG25C27060A	40	60.0	27.0	150	0.42	QD-NG-0300-0002-CM
		.984	*5.945*			*1.575*	*2.362*	*1.063*	*2175*		
	C5	25.0	170.0	3	C5-QD-R/LFG25C35065A	50	65.0	35.0	150	0.71	QD-NG-0300-0002-CM
		.984	*6.693*			*1.969*	*2.559*	*1.378*	*2175*		
	C6	25.0	97.0	3	C6-QD-R/LFG25C45070A	63	70.0	45.0	150	1.21	QD-NG-0300-0002-CM
		.984	*3.819*			*2.480*	*2.756*	*1.772*	*2175*		
H	C4	32.0	161.0	3	C4-QD-R/LFH32C27070A	40	70.0	27.0	150	0.40	QD-NH-0400-0002-CM
		1.260	*6.339*			*1.575*	*2.756*	*1.063*	*2175*		
	C5	32.0	175.0	3	C5-QD-R/LFH32C35070A	50	70.0	35.0	150	0.70	QD-NH-0400-0002-CM
		1.260	*6.890*			*1.969*	*2.756*	*1.378*	*2175*		
	C6	32.0	202.0	3	C6-QD-R/LFH32C45075A	63	75.0	45.0	150	1.19	QD-NH-0400-0002-CM
		1.260	*7.953*			*2.480*	*2.953*	*1.772*	*2175*		
J	C4	32.0	161.0	3	C4-QD-R/LFJ32C27070A	40	70.0	27.0	150	0.52	QD-NJ-0500-0002-CM
		1.260	*6.339*			*1.575*	*2.756*	*1.063*	*2175*		
	C5	32.0	175.0	3	C5-QD-R/LFJ32C35070A	50	70.0	35.0	150	0.63	QD-NJ-0500-0002-CM
		1.260	*6.890*			*1.969*	*2.756*	*1.378*	*2175*		
	C6	32.0	202.0	3	C6-QD-R/LFJ32C45075A	63	75.0	45.0	150	1.20	QD-NJ-0500-0002-CM
		1.260	*7.953*			*2.480*	*2.953*	*1.772*	*2175*		
K	C4	32.0	161.0	3	C4-QD-R/LFK32C27070A	40	70.0	27.0	150	0.40	QD-NK-0600-0003-CM
		1.260	*6.339*			*1.575*	*2.756*	*1.063*	*2175*		
	C5	32.0	175.0	3	C5-QD-R/LFK32C35070A	50	70.0	35.0	175	0.70	QD-NK-0600-0003-CM
		1.260	*6.890*			*1.969*	*2.756*	*1.378*	*2538*		
	C6	40.0	212.0	3	C6-QD-R/LFK40C45085A	63	85.0	45.0	150	1.27	QD-NK-0600-0003-CM
		1.575	*8.346*			*2.480*	*3.346*	*1.772*	*2175*		
	C8	38.0	241.0	3	C8-QD-R/LFK38C51090A	80	90.0	51.0	150	2.19	QD-NK-0600-0003-CM
		1.496	*9.488*			*3.150*	*3.543*	*2.008*	*2175*		
L	C8	38.0	241.0	3	C8-QD-R/LFL38C51090A	80	90.0	51.0	150	2.31	QD-NL-0800-0004-CM
		1.496	*9.488*			*3.150*	*3.543*	*2.008*	*2175*		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

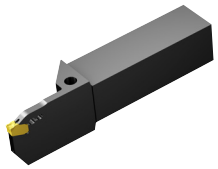
For the complete list of spare parts, visit www.sandvik.coromant.com

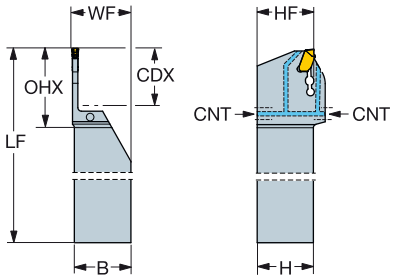
B74 F2 E3 G2 H37 H28 H21 H5

CoroCut® QD shank tool for parting and grooving

Spring-lock design

Precision coolant supply





Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions B	H	LF	WF	HF	CNT	BAR	KG	MIID
	H	32 x 32	33.0	55.0	2	QD-R/LFH33C3232A	32.0	32.0	170.0	33.0	32.0	G1/8	150	1.13	QD-NH-0400-0002-CM
		32 x 32	45.0	66.0	2	QD-R/LFH45C3232A	32.0	32.0	170.0	33.0	32.0	G1/8	150	1.08	QD-NH-0400-0002-CM
	J	32 x 32	33.0	54.0	2	QD-R/LFJ33C3232A	32.0	32.0	170.0	33.0	32.0	G1/8	150	1.13	QD-NJ-0500-0002-CM
		32 x 32	45.0	66.0	2	QD-R/LFJ45C3232A	32.0	32.0	170.0	33.0	32.0	G1/8	150	1.09	QD-NJ-0500-0002-CM
	K	32 x 32	33.0	55.0	2	QD-R/LFK33C3232A	32.0	32.0	170.0	33.0	32.0	G1/8	150	1.13	QD-NK-0600-0003-CM
		32 x 32	45.0	67.0	2	QD-R/LFK45C3232A	32.0	32.0	170.0	33.0	32.0	G1/8	150	1.08	QD-NK-0600-0003-CM
		40 x 40	60.0	83.1	2	QD-R/LFK60C4040A	40.0	40.0	250.0	40.3	40.0	G1/8	150	2.52	QD-NK-0600-0003-CM
	L	32 x 32	45.0	70.0	2	QD-R/LFL45C3232A	32.0	32.0	170.0	32.3	32.0	G1/8	150	1.13	QD-NL-0800-0004-CM
		40 x 40	40.0	65.0	2	QD-R/LFL40C4040A	40.0	40.0	250.0	40.3	40.0	G1/8	150	2.71	QD-NL-0800-0004-CM
		40 x 40	65.0	90.0	2	QD-R/LFL65C4040A	40.0	40.0	250.0	40.3	40.0	G1/8	150	2.52	QD-NL-0800-0004-CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Coolant plug
H	32 x 32	5643 018-01
J	32 x 32	5643 018-01
K	32 x 32	5643 018-01
K	40 x 40	3214 012-01
L	32 x 32-40 x 40	3214 012-01

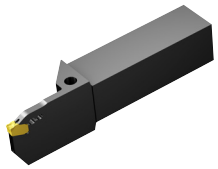
For the complete list of spare parts, visit www.sandvik.coromant.com

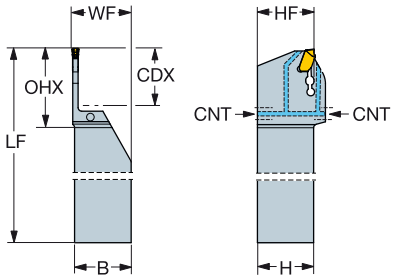
B74 F2 E3 G2 H37 H28 H21 H5

CoroCut® QD shank tool for parting and grooving

Spring-lock design

Precision coolant supply





Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CNT	PSI	LBS	MIID
	G	3/4 x 3/4	1.000	1.929	2	QD-R/LFG1000C12A	.750	.750	5.000	.800	.750	G1/8	2175	.649	QD-NG-0300-0002-CM
		1 x 1	1.000	1.890	2	QD-R/LFG1000C16A	1.000	1.000	6.000	1.010	1.000	G1/8	2175	1.364	QD-NG-0300-0002-CM
		1 x 1	1.300	2.402	2	QD-R/LFG1300C16A	1.000	1.000	6.000	1.010	1.000	G1/8	2175	1.318	QD-NG-0300-0002-CM
	H	3/4 x 3/4	1.300	2.205	2	QD-R/LFH1300C12A	.750	.750	5.000	.800	.750	G1/8	2175	.629	QD-NH-0400-0002-CM
		1 x 1	1.300	1.693	2	QD-R/LFH1300C16A	1.000	1.000	6.000	1.010	1.000	G1/8	2175	1.344	QD-NH-0400-0002-CM
		1 x 1	1.600	2.520	2	QD-R/LFH1600C16A	1.000	1.000	6.000	1.010	1.000	G1/8	2175	1.276	QD-NH-0400-0002-CM
		1 1/4 x 1	1.300	2.165	2	QD-R/LFH1300C20A	1.250	1.250	7.000	1.299	1.250	G1/8	2175	2.332	QD-NH-0400-0002-CM
		1 1/4 x 1	1.800	2.677	2	QD-R/LFH1800C20A	1.250	1.250	7.000	1.299	1.250	G1/8	2175	1.936	QD-NH-0400-0002-CM
	J	1 1/4 x 1	1.300	2.165	2	QD-R/LFJ1300C20A	1.250	1.250	7.000	1.299	1.250	G1/8	2175	2.473	QD-NJ-0500-0002-CM
		1 1/4 x 1	1.800	2.677	2	QD-R/LFJ1800C20A	1.250	1.250	7.000	1.299	1.250	G1/8	2175	2.464	QD-NJ-0500-0002-CM
	K	1 1/4 x 1	1.300	2.165	2	QD-R/LFK1300C20A	1.250	1.250	7.000	1.299	1.250	G1/8	2175	2.552	QD-NK-0600-0003-CM
		1 1/4 x 1	1.800	2.638	2	QD-R/LFK1800C20A	1.250	1.250	7.000	1.299	1.250	G1/8	2175	2.354	QD-NK-0600-0003-CM
		1 1/2 x 1	2.350	3.268	2	QD-R/LFK2350C24A	1.500	1.500	10.000	.223	.945	G1/8	2175	4.928	QD-NK-0600-0003-CM
	L	1 1/4 x 1	1.750	2.736	2	QD-R/LFL1750C20A	1.250	1.250	7.000	.302	.787	G1/8	2175	2.609	QD-NL-0800-0004-CM
		1 1/2 x 1	1.500	2.484	2	QD-R/LFL1500C24A	1.500	1.500	10.000	.302	.945	G1/8	2175	5.599	QD-NL-0800-0004-CM
		1 1/2 x 1	2.500	3.484	2	QD-R/LFL2500C24A	1.500	1.500	10.000	.302	.945	G1/8	2175	5.194	QD-NL-0800-0004-CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Coolant plug
G	3/4 x 3/4-1 x 1	3214 012-01
H	3/4 x 3/4-1 x 1	3214 012-01
H	1 1/4 x 1 1/4	5643 018-01
J	1 1/4 x 1 1/4	5643 018-01
K	1 1/4 x 1 1/4	5643 018-01
K	1 1/2 x 1 1/2	3214 012-01
L	1 1/4 x 1 1/4-1 1/2 x 1 1/2	3214 012-01

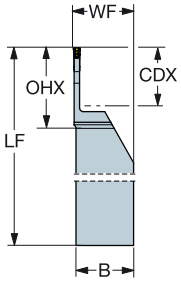
For the complete list of spare parts, visit www.sandvik.coromant.com

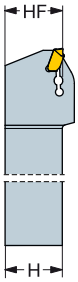
B74 F2 E3 G2 H37 H28 H21 H5

CoroCut® QD shank tool for parting and grooving

Spring-lock design







Metric version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	KG	MIID
	E	25 x 25	20.0	29.0	QD-R/LFE20-2525A	25.0	25.0	150.0	25.3	25.0	0.67	QD-NE-0200-0002-CM
	F	25 x 25	26.0	35.0	QD-R/LFF26-2525A	25.0	25.0	150.0	25.3	25.0	0.65	QD-NF-0250-0002-CM
	G	25 x 25	26.0	36.0	QD-R/LFG26-2525A	25.0	25.0	150.0	25.3	25.0	0.65	QD-NG-0300-0002-CM
	H	25 x 25	33.0	42.0	QD-R/LFH33-2525A	25.0	25.0	150.0	25.3	25.0	0.62	QD-NH-0400-0002-CM

Inch version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	LBS	MIID
	E	1 x 1	.750	1.181	QD-R/LFE0750-16A	1.000	1.000	6.000	1.010	1.000	1.556	QD-NE-0200-0002-CM
	F	1 x 1	1.000	1.378	QD-R/LFF1000-16A	1.000	1.000	6.000	1.010	1.000	1.502	QD-NF-0250-0002-CM
	G	1 x 1	1.000	1.417	QD-R/LFG1000-16A	1.000	1.000	6.000	1.010	1.000	1.498	QD-NG-0300-0002-CM
	H	1 x 1	1.300	1.654	QD-R/LFH1300-16A	1.000	1.000	6.000	1.010	1.000	1.500	QD-NH-0400-0002-CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

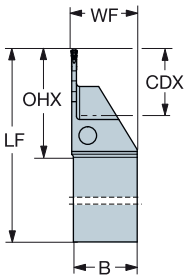
B74 F2 E3 H37 H28 H21

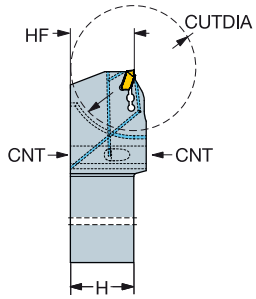
CoroCut® QD shank tool for parting and grooving

Spring-lock design

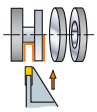
Internal coolant supply



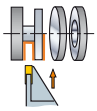




Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions B	H	LF	WF	HF	CUTDIA	CNT	BAR	KG	MIID
	G	32 x 32	33.0	54.0	2	**QD-R/LFG33C3232D**	32.0	32.0	170.0	33.0	32.0	66	G1/8	150	1.17	QD-NG-0300-0002-CM

Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CUTDIA	CNT	PSI	LBS	MIID
	G	1 1/4 x 1	1.300	2.165	2	**QD-R/LFG1300C20D**	1.250	1.250	7.000	1.299	1.250	2.600	G1/8	2175	2.684	QD-NG-0300-0002-CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

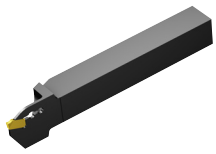
Spare parts	
Coolant plug	
5643 018-01	

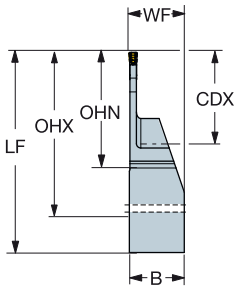
For the complete list of spare parts, visit www.sandvik.coromant.com

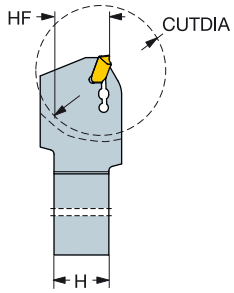
B74 F2 E3 G2 H37 H28 H21 H5

CoroCut® QD shank tool for parting and grooving

Spring-lock design







Metric version

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions B	H	LF	WF	HF	CUTDIA	KG	MIID
	B	16 x 16	10.0	25.0	25.0	QD-R/LFB10-1616S	16.0	16.0	125.0	16.0	16.0	20	0.24	QD-NB-0100-0001-CM
		20 x 20	10.0	25.0	25.0	QD-R/LFB10-2020S	20.0	20.0	125.0	20.0	20.0	20	0.37	QD-NB-0100-0001-CM
	C	16 x 16	13.0	25.0	25.0	QD-R/LFC13-1616S	16.0	16.0	125.0	16.0	16.0	26	0.24	QD-NC-0125-0001-CM
		20 x 20	13.0	25.0	25.0	QD-R/LFC13-2020S	20.0	20.0	125.0	20.0	20.0	26	0.37	QD-NC-0125-0001-CM
	D	16 x 16	16.0	25.0	25.0	QD-R/LFD16-1616S	16.0	16.0	125.0	16.0	16.0	32	0.24	QD-ND-0150-0001-CM
		20 x 20	16.0	25.0	25.0	QD-R/LFD16-2020S	20.0	20.0	125.0	20.0	20.0	32	0.37	QD-ND-0150-0001-CM
	E	16 x 16	20.0	29.0		QD-R/LFE20-1616S	16.0	16.0	125.0	16.0	16.0	40	0.25	QD-NE-0200-0002-CM
		20 x 20	26.0	35.0		QD-R/LFE26-2020S	20.0	20.0	125.0	20.0	20.0	52	0.36	QD-NE-0200-0002-CM
	F	16 x 16	20.0	29.0		QD-R/LFF20-1616S	16.0	16.0	125.0	16.0	16.0	40	0.25	QD-NF-0250-0002-CM
		20 x 20	26.0	35.0		QD-R/LFF26-2020S	20.0	20.0	125.0	20.0	20.0	52	0.37	QD-NF-0250-0002-CM
	G	16 x 16	20.0	29.0		QD-R/LFG20-1616S	16.0	16.0	125.0	16.0	16.0	40	0.25	QD-NG-0300-0002-CM
		20 x 20	33.0	42.0		QD-R/LFG33-2020S	20.0	20.0	125.0	20.0	20.0	66	0.35	QD-NG-0300-0002-CM
	H	20 x 20	33.0	42.0		QD-R/LFH33-2020S	20.0	20.0	125.0	20.0	20.0	66	0.35	QD-NH-0400-0002-CM

Inch version

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, inch B	H	LF	WF	HF	CUTDIA	LBS	MIID
	B	5/8 x 5/8	.375	1.000	1.000	QD-R/LFB0375-10S	.625	.625	5.000	.629	.625	.750	.488	QD-NB-0100-0001-CM
		3/4 x 3/4	.375	.984	.984	QD-R/LFB0375-12S	.750	.750	5.000	.754	.750	.750	.702	QD-NB-0100-0001-CM
	C	5/8 x 5/8	.500	1.000	1.000	QD-R/LFC0500-10S	.625	.625	5.000	.629	.625	1.000	.482	QD-NC-0125-0001-CM
		3/4 x 3/4	.500	.984	.984	QD-R/LFC0500-12S	.750	.750	5.000	.754	.750	1.000	.695	QD-NC-0125-0001-CM
	D	5/8 x 5/8	.625	1.000	1.000	QD-R/LFD0625-10S	.625	.625	5.000	.631	.625	1.250	.477	QD-ND-0150-0001-CM
		3/4 x 3/4	.625	.984	.984	QD-R/LFD0625-12S	.750	.750	5.000	.756	.750	1.250	.689	QD-ND-0150-0001-CM
	E	3/8 x 3/8	.500	.866	.866	QD-R/LFE0500-06S	.375	.375	5.000	.375	.375	1.000	.178	QD-NE-0200-0002-CM
		1/2 x 1/2	.625	.866	.866	QD-R/LFE0625-08S	.500	.500	5.000	.500	.500	1.250	.310	QD-NE-0200-0002-CM
		5/8 x 5/8	.800	1.181		QD-R/LFE0800-10S	.625	.625	5.000	.625	.625	1.600	.462	QD-NE-0200-0002-CM
		3/4 x 3/4	1.000	1.378		QD-R/LFE1000-12S	.750	.750	5.000	.750	.750	2.000	.738	QD-NE-0200-0002-CM
	F	5/8 x 5/8	.800	1.181		QD-R/LFF0800-10S	.625	.625	5.000	.625	.625	1.600	.466	QD-NF-0250-0002-CM
		3/4 x 3/4	1.000	1.378		QD-R/LFF1000-12S	.750	.750	5.000	.750	.750	2.000	.640	QD-NF-0250-0002-CM
	G	5/8 x 5/8	.800	1.181		QD-R/LFG0800-10S	.625	.625	5.000	.625	.625	1.600	.469	QD-NG-0300-0002-CM
		3/4 x 3/4	1.300	1.654		QD-R/LFG1300-12S	.750	.750	5.000	.750	.750	2.600	.607	QD-NG-0300-0002-CM
	H	3/4 x 3/4	1.300	1.654		QD-R/LFH1300-12S	.750	.750	5.000	.750	.750	2.600	.728	QD-NH-0400-0002-CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

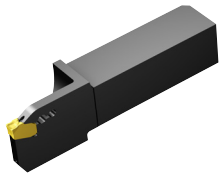
For spare parts, visit www.sandvik.coromant.com

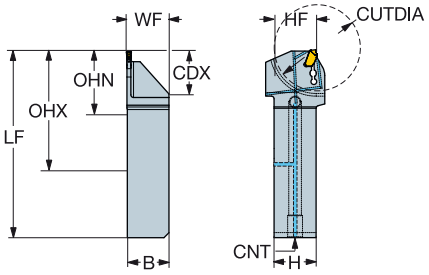
B74 F2 E3 H37 H28 H21

CoroCut® QD QS shank tool for parting and grooving

Spring-lock design

Precision coolant supply





Metric version

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions B	H	LF	WF	HF	CUTDIA	CNT	BAR	KG	MIID
	D	20 x 20	16.0	45.0	25.0	1	QS-QD-R/LFD16C2020D	20.0	20.0	88.7	20.0	20.0	32	G1/8	150	0.24	QD-ND-0150-0001-CM
	E	20 x 20	20.0	41.6	21.6	3	QS-QD-R/LFE20C2020D	20.0	20.0	90.6	20.5	20.0	40	G1/8	150	0.25	QD-NE-0200-0002-CM
		25 x 25	26.0	52.6	27.6	3	QS-QD-R/LFE26C2525D	25.0	25.0	111.6	26.0	25.0	52	G1/8	150	0.16	QD-NE-0200-0002-CM
	F	20 x 20	26.0	41.6	21.6	3	QS-QD-R/LFF26C2020D	20.0	20.0	90.6	20.5	20.0	40	G1/8	150	0.26	QD-NF-0250-0002-CM
		25 x 25	26.0	52.6	27.6	3	QS-QD-R/LFF26C2525D	25.0	25.0	111.6	26.0	25.0	52	G1/8	150	0.47	QD-NF-0250-0002-CM
	G	20 x 20	26.0	41.6	21.6	3	QS-QD-R/LFG26C2020D	20.0	20.0	90.6	20.5	20.0	52	G1/8	150	0.26	QD-NG-0300-0002-CM
		25 x 25	26.0	52.6	27.6	3	QS-QD-R/LFG26C2525D	25.0	25.0	111.6	26.0	25.0	52	G1/8	150	0.47	QD-NG-0300-0002-CM
		25 x 25	33.0	52.6	34.6	3	QS-QD-R/LFG33C2525D	25.0	25.0	118.6	26.0	25.0	66	G1/8	150	0.47	QD-NG-0300-0002-CM
	H	20 x 20	33.0	54.6	34.6	3	QS-QD-R/LFH33C2020D	20.0	20.0	103.6	20.5	20.0	66	G1/8	150	0.26	QD-NH-0400-0002-CM
		25 x 25	40.0	46.6	41.6	3	QS-QD-R/LFH40C2525D	25.0	25.0	125.6	25.5	25.0	80	G1/8	150	0.49	QD-NH-0400-0002-CM
	J	25 x 25	40.0	66.6	41.6	3	QS-QD-R/LFJ40C2525D	25.0	25.0	125.6	25.5	25.0	80	G1/8	150	0.50	QD-NJ-0500-0002-CM
	K	25 x 25	40.0	66.6	41.6	3	QS-QD-R/LFK40C2525D	25.0	25.0	125.6	25.5	25.0	80	G1/8	150	0.49	QD-NK-0600-0003-CM

Inch version

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CUTDIA	CNT	PSI	LBS	MIID
	D	5/8 x 5/8	.625	1.732	.984	1	QS-QD-R/LFD0625C12D	.625	.625	3.492	.750	.750	1.250	G1/8	2175	.420	QD-ND-0150-0001-CM
	E	3/4 x 3/4	.800	1.614	.863	3	QS-QD-R/LFE0800C12D	.750	.750	3.579	.770	.750	1.600	G1/8	2175	.414	QD-NE-0200-0002-CM
		1 x 1	1.000	2.063	1.063	3	QS-QD-R/LFE1000C16D	1.000	1.000	4.370	1.020	1.000	2.000	G1/8	2175	.950	QD-NE-0200-0002-CM
	F	3/4 x 3/4	1.000	1.811	1.063	3	QS-QD-R/LFF1000C12D	.750	.750	3.780	.770	.750	2.000	G1/8	2175	.418	QD-NF-0250-0002-CM
		1 x 1	1.000	2.063	1.063	3	QS-QD-R/LFF1000C16D	1.000	1.000	4.370	1.020	1.000	2.000	G1/8	2175	.955	QD-NF-0250-0002-CM
	G	3/4 x 3/4	1.000	1.811	1.063	3	QS-QD-R/LFG1000C12D	.750	.750	3.780	.770	.750	2.000	G1/8	2175	.519	QD-NG-0300-0002-CM
		1 x 1	1.000	2.063	1.063	3	QS-QD-R/LFG1000C16D	1.000	1.000	4.370	1.020	1.000	2.000	G1/8	2175	.961	QD-NG-0300-0002-CM
		1 x 1	1.300	2.363	1.363	3	QS-QD-R/LFG1300C16D	1.000	1.000	4.669	1.020	1.000	2.600	G1/8	2175	1.069	QD-NG-0300-0002-CM
	H	3/4 x 3/4	1.300	2.110	1.362	3	QS-QD-R/LFH1300C12D	.750	.750	4.079	.770	.750	2.600	G1/8	2175	.438	QD-NH-0400-0002-CM
		1 x 1	1.600	2.663	1.663	3	QS-QD-R/LFH1600C16D	1.000	1.000	4.969	1.020	1.000	3.200	G1/8	2175	.977	QD-NH-0400-0002-CM
	J	1 x 1	1.600	2.663	1.663	3	QS-QD-R/LFJ1600C16D	1.000	1.000	4.969	1.020	1.000	3.200	G1/8	2175	1.124	QD-NJ-0500-0002-CM
	K	1 x 1	1.600	2.663	1.663	3	QS-QD-R/LFK1600C16D	1.000	1.000	4.969	1.020	1.000	3.200	G1/8	2175	1.010	QD-NK-0600-0003-CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

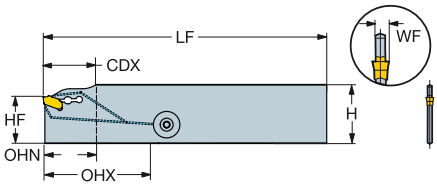
B74 F2 E3 G2 H37 H28 H21 H5

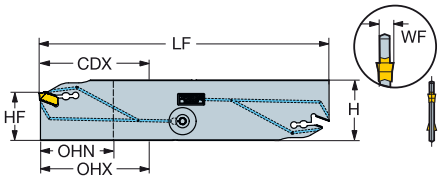
CoroCut® QD blade for parting

Spring-lock design

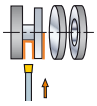
Neutral coupling – Precision coolant supply







Single ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	BAR PSI	KG	MIID
	E	25	26.0	26.0	17.0	2	QD-NR1E26C25A	31.9	150.0	1.8	25.0	70	0.12	QD-NE-0200-0002-CM
			1.024	*1.024*	*.669*			*1.256*	*5.906*	*.069*	*.984*	*1015*		
	F	25	33.0	33.0	17.0	2	QD-NR1F33C25A	31.9	150.0	2.3	25.0	70	1.22	QD-NF-0250-0002-CM
			1.299	*1.299*	*.669*			*1.256*	*5.906*	*.089*	*.984*	*1015*		
	G	25	60.0	60.0	17.0	2	QD-NN1G60C25A	31.9	150.0	2.7	25.0	70	0.13	QD-NG-0300-0002-CM
			2.362	*2.362*	*.669*			*1.256*	*5.906*	*.105*	*.984*	*1015*		
	H	21	36.0	36.0	17.0	2	QD-NN1H36C21A	25.9	110.0	3.7	21.4	70	0.11	QD-NH-0400-0002-CM
			1.417	*1.417*	*.669*			*1.020*	*4.331*	*.145*	*.843*	*1015*		
		25	60.0	60.0	17.0	2	QD-NN1H60C25A	31.9	150.0	3.7	25.0	70	0.16	QD-NH-0400-0002-CM
			2.362	*2.362*	*.669*			*1.256*	*5.906*	*.145*	*.984*	*1015*		

Double ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	BAR PSI	KG	MIID
	D	25	16.0	50.0	18.0	2	QD-NR2D16C25A	31.9	150.0	2.5	25.0	70	0.10	QD-ND-0150-0001-CM
			.630	*1.969*	*.709*			*1.256*	*5.906*	*.098*	*.984*	*1015*		
	E	25	26.0	60.0	26.0	2	QD-NR2E26C25A	31.9	150.0	2.6	25.0	70	0.12	QD-NE-0200-0002-CM
			1.024	*2.362*	*1.024*			*1.256*	*5.906*	*.102*	*.984*	*1015*		
	F	25	33.0	50.0	33.0	2	QD-NR2F33C25A	31.9	150.0	2.6	25.0	70	0.11	QD-NF-0250-0002-CM
			1.299	*1.969*	*1.299*			*1.256*	*5.906*	*.102*	*.984*	*1015*		
	G	21	36.0	36.0	19.0	2	QD-NN2G36C21A	25.9	110.0	2.7	21.4	70	0.09	QD-NG-0300-0002-CM
			1.417	*1.417*	*.748*			*1.020*	*4.331*	*.105*	*.843*	*1015*		
		25	60.0	60.0	20.0	2	QD-NN2G60C25A	31.9	150.0	2.7	25.0	70	0.12	QD-NG-0300-0002-CM
			2.362	*2.362*	*.787*			*1.256*	*5.906*	*.105*	*.984*	*1015*		
		45	80.0	80.0	30.0	2	QD-NN2G80C45A	52.5	225.0	2.7	45.0	70	0.30	QD-NG-0300-0002-CM
			3.150	*3.150*	*1.181*			*2.067*	*8.858*	*.105*	*1.772*	*1015*		
	H	25	60.0	60.0	20.0	2	QD-NN2H60C25A	31.9	150.0	3.7	25.0	70	0.15	QD-NH-0400-0002-CM
			2.362	*2.362*	*.787*			*1.256*	*5.906*	*.145*	*.984*	*1015*		
		45	80.0	80.0	30.0	2	QD-NN2H80C45A	52.5	225.0	3.7	45.0	70	0.38	QD-NH-0400-0002-CM
			3.150	*3.150*	*1.181*			*2.067*	*8.858*	*.145*	*1.772*	*1015*		
	J	25	60.0	60.0	25.0	2	QD-NN2J60C25A	31.9	150.0	4.7	25.0	70	0.17	QD-NJ-0500-0002-CM
			2.362	*2.362*	*.984*			*1.256*	*5.906*	*.184*	*.984*	*1015*		
		45	80.0	80.0	30.0	2	QD-NN2J80C45A	52.5	225.0	4.7	45.0	70	0.45	QD-NJ-0500-0002-CM
			3.150	*3.150*	*1.181*			*2.067*	*8.858*	*.184*	*1.772*	*1015*		
	K	25	60.0	60.0	24.0	2	QD-NN2K60C25A	31.9	150.0	5.7	25.0	70	0.20	QD-NK-0600-0003-CM
			2.362	*2.362*	*.945*			*1.256*	*5.906*	*.223*	*.984*	*1015*		
		45	80.0	80.0	30.0	2	QD-NN2K80C45A	52.5	225.0	5.7	45.0	70	0.53	QD-NK-0600-0003-CM
			3.150	*3.150*	*1.181*			*2.067*	*8.858*	*.223*	*1.772*	*1015*		
	L	45	80.0	80.0	25.0	2	QD-NN2L80C45A	52.5	225.0	7.7	45.0	70	0.67	QD-NL-0800-0004-CM
			3.150	*3.150*	*.984*			*2.067*	*8.858*	*.302*	*1.772*	*1015*		

SSC = To correspond with SSC on insert.

		Spare parts	
SSC	CZC_{MS}	Coolant plug	Plug
D,E,F	25	5643 028-01	5645 040-01
G	21	5643 028-01	5645 040-02
G	25-45	5643 028-01	5645 040-01
H,J,K,L	21-45	5643 028-01	5645 040-01

For the complete list of spare parts, visit www.sandvik.coromant.com

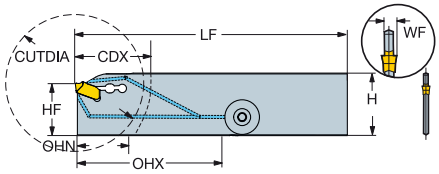
B74 F2 E3 H37 H28 H20 H5

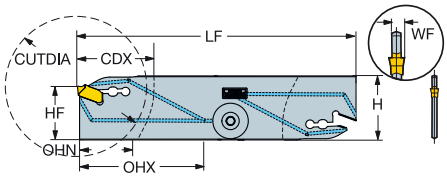
CoroCut® QD blade for parting

Spring-lock design

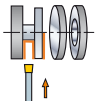
Neutral coupling – Precision coolant supply



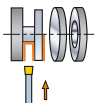




Single-ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	BAR PSI	KG	MIID
	F	21	33.0	36.0	33.0	2	QD-NR1F33C21D	25.9	110.0	2.6	21.4	66	70	0.09	QD-NF-0250-0002-CM
			1.299	*1.417*	*1.299*			*1.020*	*4.331*	*.102*	*.843*	*2.598*	*1015*		

Double-ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	BAR PSI	KG	MIID
	B	21	10.0	36.0	18.0	2	QD-NR2B10C21D	25.9	110.0	2.5	21.4	20	70	0.08	QD-NB-0100-0001-CM
			.394	*1.417*	*.709*			*1.020*	*4.331*	*.096*	*.843*	*.787*	*1015*		
	C	21	13.0	36.0	18.0	2	QD-NR2C13C21D	25.9	110.0	2.5	21.4	26	70	0.07	QD-NC-0125-0001-CM
			.512	*1.417*	*.709*			*1.020*	*4.331*	*.096*	*.843*	*1.023*	*1015*		
	D	21	16.0	36.0	18.0	2	QD-NR2D16C21D	25.9	110.0	2.5	21.4	32	70	0.07	QD-ND-0150-0001-CM
			.630	*1.417*	*.709*			*1.020*	*4.331*	*.098*	*.843*	*1.259*	*1015*		
	E	21	26.0	36.0	26.0	2	QD-NR2E26C21D	25.9	110.0	2.6	21.4	52	70	0.08	QD-NE-0200-0002-CM
			1.024	*1.417*	*1.024*			*1.020*	*4.331*	*.102*	*.843*	*2.047*	*1015*		

SSC = To correspond with SSC on insert.

		Spare parts	
SSC	CZC_{MS}	Coolant plug	Plug
B	21	5643 028-01	5645 040-01
C	21	5643 028-01	5645 040-01
D	21	5643 028-01	5645 040-01
E	21	5643 028-01	5645 040-02
F	21	5643 028-01	5645 040-02

For the complete list of spare parts, visit www.sandvik.coromant.com

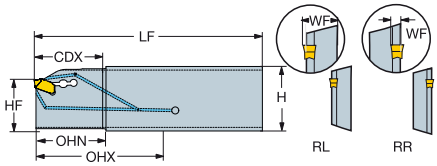
B74 F2 E3 H37 H28 H20 H5

CoroCut® QD blade for parting

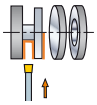
Spring-lock design

Right hand coupling – Precision coolant supply

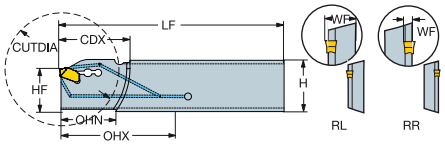




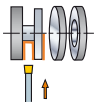
Single-ended parting blade with linear reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	BAR PSI	KG	MIID
	E	25L	26.0	26.0	17.0	2	QD-RL1E26C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NE-0200-0002-CM
			1.024	*1.024*	*.669*			*1.256*	*4.331*	*.325*	*.984*	*1015*		
		25L	26.0	50.0	26.0	2	QD-RR1E26C25A	31.9	110.0	1.8	25.0	70	0.20	QD-NE-0200-0002-CM
			1.024	*1.969*	*1.024*			*1.256*	*4.331*	*.069*	*.984*	*1015*		
	F	25L	33.0	33.0	17.0	2	QD-RL1F33C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NF-0250-0002-CM
			1.299	*1.299*	*.669*			*1.256*	*4.331*	*.325*	*.984*	*1015*		
		25L	33.0	50.0	33.0	2	QD-RR1F33C25A	31.9	110.0	2.3	25.0	70	0.19	QD-NF-0250-0002-CM
			1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.089*	*.984*	*1015*		
	G	25L	33.0	50.0	33.0	2	QD-RL1G33C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.328*	*.984*	*1015*		
		25L	33.0	50.0	33.0	2	QD-RR1G33C25A	31.9	110.0	2.7	25.0	70	0.19	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.105*	*.984*	*1015*		
	H	25L	40.0	40.0	17.0	2	QD-RL1H40C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NH-0400-0002-CM
			1.575	*1.575*	*.669*			*1.256*	*4.331*	*.328*	*.984*	*1015*		
		25L	40.0	50.0	40.0	2	QD-RR1H40C25A	31.9	110.0	3.7	25.0	70	0.19	QD-NH-0400-0002-CM
			1.575	*1.969*	*1.575*			*1.256*	*4.331*	*.145*	*.984*	*1015*		





Single-ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	BAR PSI	KG	MIID
	E	21L	26.0	26.0	17.0	2	QD-RL1E26C21D	25.9	110.0	8.3	21.4	52	70	0.17	QD-NE-0200-0002-CM
			1.024	*1.024*	*.669*			*1.020*	*4.331*	*.325*	*.843*	*2.047*	*1015*		
		21L	26.0	50.0	26.0	2	QD-RR1E26C21D	25.9	110.0	1.8	21.4	52	70	0.17	QD-NE-0200-0002-CM
			1.024	*1.969*	*1.024*			*1.020*	*4.331*	*.069*	*.843*	*2.047*	*1015*		
	F	21L	26.0	26.0	17.0	2	QD-RL1F26C21D	25.9	110.0	8.3	21.4	52	70	0.17	QD-NF-0250-0002-CM
			1.024	*1.024*	*.669*			*1.020*	*4.331*	*.325*	*.843*	*2.047*	*1015*		
		21L	26.0	50.0	26.0	2	QD-RR1F26C21D	25.9	110.0	2.3	21.4	52	70	0.17	QD-NF-0250-0002-CM
			1.024	*1.969*	*1.024*			*1.020*	*4.331*	*.089*	*.843*	*2.047*	*1015*		
	G	21L	33.0	50.0	33.0	2	QD-RL1G33C21D	25.9	110.0	8.3	21.4	66	70	0.17	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*			*1.020*	*4.331*	*.328*	*.843*	*2.598*	*1015*		
		21L	26.0	50.0	26.0	2	QD-RR1G26C21D	25.9	110.0	2.7	21.4	52	70	0.17	QD-NG-0300-0002-CM
			1.024	*1.969*	*1.024*			*1.020*	*4.331*	*.105*	*.843*	*2.047*	*1015*		
		21L	33.0	50.0	33.0	2	QD-RR1G33C21D	25.9	110.0	2.7	21.4	66	70	0.14	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*			*1.020*	*4.331*	*.105*	*.843*	*2.598*	*1015*		

SSC = To correspond with SSC on insert.

For spare parts, visit www.sandvik.coromant.com

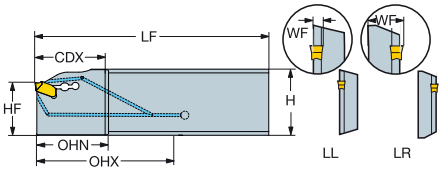
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CoroCut® QD blade for parting

Spring-lock design

Left hand coupling – Precision coolant supply

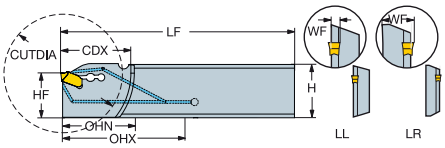




Single-ended parting blade with linear reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	BAR PSI	KG	MIID
	E	25R	26.0	50.0	26.0	2	QD-LL1E26C25A	31.9	110.0	1.8	25.1	70	0.20	QD-NE-0200-0002-CM
			1.024	*1.969*	*1.024*			*1.256*	*4.331*	*.069*	*.988*	*1015*		
		25R	26.0	50.0	26.0	2	QD-LR1E26C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NE-0200-0002-CM
			1.024	*1.969*	*1.024*			*1.256*	*4.331*	*.325*	*.984*	*1015*		
	F	25R	33.0	50.0	33.0	2	QD-LL1F33C25A	31.9	110.0	2.3	25.1	70	0.19	QD-NF-0250-0002-CM
			1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.089*	*.988*	*1015*		
		25R	33.0	50.0	33.0	2	QD-LR1F33C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NF-0250-0002-CM
			1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.325*	*.984*	*1015*		
	G	25R	33.0	50.0	33.0	2	QD-LL1G33C25A	31.9	110.0	2.7	25.1	70	0.19	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.105*	*.988*	*1015*		
		25R	33.0	50.0	33.0	2	QD-LR1G33C25A	31.9	110.0	8.3	25.1	70	0.19	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.328*	*.988*	*1015*		
	H	25R	40.0	50.0	40.0	2	QD-LL1H40C25A	31.9	110.0	3.7	25.1	70	0.19	QD-NH-0400-0002-CM
			1.575	*1.969*	*1.575*			*1.256*	*4.331*	*.145*	*.988*	*1015*		
		25R	40.0	50.0	40.0	2	QD-LR1H40C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NH-0400-0002-CM
			1.575	*1.969*	*1.575*			*1.256*	*4.331*	*.328*	*.984*	*1015*		





Single-ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	BAR PSI	KG	MIID
	E	21R	26.0	50.0	26.0	2	QD-LL1E26C21D	25.9	110.0	1.8	21.4	52	70	0.17	QD-NE-0200-0002-CM
			1.024	*1.969*	*1.024*			*1.020*	*4.331*	*.069*	*.843*	*2.047*	*1015*		
		21R	26.0	26.0	17.0	2	QD-LR1E26C21D	25.9	110.0	8.3	21.4	52	70	0.17	QD-NE-0200-0002-CM
			1.024	*1.024*	*.669*			*1.020*	*4.331*	*.325*	*.843*	*2.047*	*1015*		
	F	21R	26.0	50.0	26.0	2	QD-LL1F26C21D	25.9	110.0	2.3	21.4	52	70	0.17	QD-NF-0250-0002-CM
			1.024	*1.969*	*1.024*			*1.020*	*4.331*	*.089*	*.843*	*2.047*	*1015*		
		21R	26.0	26.0	17.0	2	QD-LR1F26C21D	25.9	110.0	8.3	21.4	52	70	0.17	QD-NF-0250-0002-CM
			1.024	*1.024*	*.669*			*1.020*	*4.331*	*.325*	*.843*	*2.047*	*1015*		
	G	21R	26.0	50.0	26.0	2	QD-LL1G26C21D	25.9	110.0	2.7	21.4	52	70	0.17	QD-NG-0300-0002-CM
			1.024	*1.969*	*1.024*			*1.020*	*4.331*	*.105*	*.843*	*2.047*	*1015*		
		21R	33.0	50.0	33.0	2	QD-LL1G33C21D	25.9	110.0	2.7	21.4	66	70	0.16	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*			*1.020*	*4.331*	*.105*	*.843*	*2.598*	*1015*		
		21R	33.0	50.0	33.0	2	QD-LR1G33C21D	25.9	110.0	8.3	21.4	66	70	0.16	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*			*1.020*	*4.331*	*.328*	*.843*	*2.598*	*1015*		

SSC = To correspond with SSC on insert.

For spare parts, visit www.sandvik.coromant.com

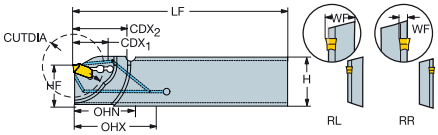
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CoroCut® QD blade for parting

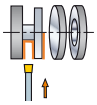
Spring-lock design

Right hand coupling – Precision coolant supply





Single-ended parting blade with two reinforced curves

	SSC	CZC_{MS}	CDX_1	CDX_2	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	BAR PSI	KG	MIID
	D	21L	18.0	28.0	45.0	21.0	2	QD-RL1D18C21D2	25.9	110.0	2.5	21.4	36	70	0.16	QD-ND-0150-0001-CM
			.709	*1.102*	*1.772*	*.827*			*1.020*	*4.331*	*.098*	*.843*	*1.417*	*1015*		
		21L	18.0	28.0	45.0	21.0	2	QD-RR1D18C21D2	25.9	110.0	2.5	21.4	36	70	0.16	QD-ND-0150-0001-CM
			.709	*1.102*	*1.772*	*.827*			*1.020*	*4.331*	*.098*	*.843*	*1.417*	*1015*		
	E	21L	18.0	28.0	50.0	18.0	2	QD-RL1E18C21D2	25.9	110.0	8.3	21.4	36	70	0.17	QD-NE-0200-0002-CM
			.709	*1.102*	*1.969*	*.709*			*1.020*	*4.331*	*.325*	*.843*	*1.417*	*1015*		
		21L	18.0	28.0	50.0	18.0	2	QD-RR1E18C21D2	25.9	110.0	1.8	21.4	36	70	0.17	QD-NE-0200-0002-CM
			.709	*1.102*	*1.969*	*.709*			*1.020*	*4.331*	*.069*	*.843*	*1.417*	*1015*		
	F	21L	18.0	28.0	50.0	18.0	2	QD-RL1F18C21D2	25.9	110.0	8.3	21.4	36	70	0.17	QD-NF-0250-0002-CM
			.709	*1.102*	*1.969*	*.709*			*1.020*	*4.331*	*.325*	*.843*	*1.417*	*1015*		
		21L	18.0	28.0	50.0	18.0	2	QD-RR1F18C21D2	25.9	110.0	1.3	21.4	36	70	0.17	QD-NF-0250-0002-CM
			.709	*1.102*	*1.969*	*.709*			*1.020*	*4.331*	*.049*	*.843*	*1.417*	*1015*		
	G	21L	18.0	28.0	50.0	18.0	2	QD-RL1G18C21D2	25.9	110.0	8.3	21.4	36	70	0.17	QD-NG-0300-0002-CM
			.709	*1.102*	*1.969*	*.709*			*1.020*	*4.331*	*.328*	*.843*	*1.417*	*1015*		

SSC = To correspond with SSC on insert.

For machines with sub-spindle.

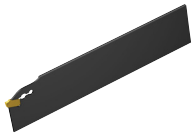
For spare parts, visit www.sandvik.coromant.com

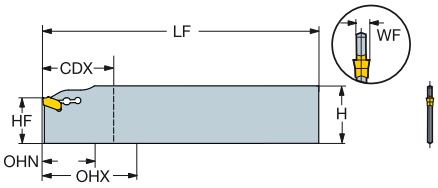
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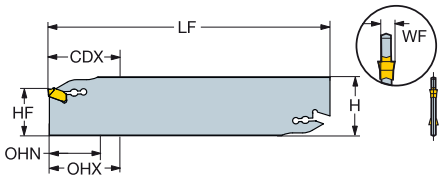
CoroCut® QD blade for parting

Spring-lock design

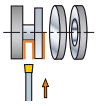
Neutral coupling



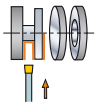




Single ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm, inch H	LF	WF	HF	KG	MIID
	E	25	26.0	26.0	17.0	QD-NR1E26-25A	31.9	150.0	1.8	25.0	0.11	QD-NE-0200-0002-CM
			1.024	*1.024*	*.669*		*1.256*	*5.906*	*.069*	*.984*		
	F	25	33.0	33.0	17.0	QD-NN1F33-25A	31.9	150.0	2.3	25.0	0.11	QD-NF-0250-0002-CM
			1.299	*1.299*	*.669*		*1.256*	*5.906*	*.089*	*.984*		
	G	25	60.0	60.0	17.0	QD-NN1G60-25A	31.9	150.0	2.7	25.0	0.12	QD-NG-0300-0002-CM
			2.362	*2.362*	*.669*		*1.256*	*5.906*	*.105*	*.984*		
	H	21	36.0	36.0	17.0	QD-NN1H36-21A	25.9	110.0	3.7	21.4	0.01	QD-NH-0400-0002-CM
			1.417	*1.417*	*.669*		*1.020*	*4.331*	*.145*	*.843*		
		25	60.0	60.0	17.0	QD-NN1H60-25A	31.9	150.0	3.7	25.0	0.15	QD-NH-0400-0002-CM
			2.362	*2.362*	*.669*		*1.256*	*5.906*	*.145*	*.984*		

Double ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm, inch H	LF	WF	HF	KG	MIID
	E	25	26.0	50.0	26.0	QD-NR2E26-25A	31.9	150.0	2.6	25.0	0.11	QD-NE-0200-0002-CM
			1.024	*1.969*	*1.024*		*1.256*	*5.906*	*.102*	*.984*		
	F	21	33.0	35.0	17.0	QD-NN2F33-21A	25.9	110.0	2.3	21.4	0.01	QD-NF-0250-0002-CM
			1.299	*1.378*	*.669*		*1.020*	*4.331*	*.089*	*.843*		
		25	33.0	50.0	17.0	QD-NN2F33-25A	31.9	150.0	2.3	25.0	0.10	QD-NF-0250-0002-CM
			1.299	*1.969*	*.669*		*1.256*	*5.906*	*.089*	*.984*		
	G	21	36.0	36.0	17.0	QD-NN2G36-21A	25.9	110.0	2.7	21.4	0.08	QD-NG-0300-0002-CM
			1.417	*1.417*	*.669*		*1.020*	*4.331*	*.105*	*.843*		
		25	60.0	60.0	17.0	QD-NN2G60-25A	31.9	150.0	2.7	25.0	0.12	QD-NG-0300-0002-CM
			2.362	*2.362*	*.669*		*1.256*	*5.906*	*.105*	*.984*		
		45	80.0	80.0	30.0	QD-NN2G80-45A	52.5	225.0	2.7	45.0	0.30	QD-NG-0300-0002-CM
			3.150	*3.150*	*1.181*		*2.067*	*8.858*	*.105*	*1.772*		
	H	25	60.0	60.0	17.0	QD-NN2H60-25A	31.9	150.0	3.7	25.0	0.15	QD-NH-0400-0002-CM
			2.362	*2.362*	*.669*		*1.256*	*5.906*	*.145*	*.984*		
		45	80.0	80.0	30.0	QD-NN2H80-45A	52.5	225.0	3.7	45.0	0.38	QD-NH-0400-0002-CM
			3.150	*3.150*	*1.181*		*2.067*	*8.858*	*.145*	*1.772*		
	L	45	80.0	80.0	25.0	QD-NN2L80-45A	52.5	225.0	7.7	45.0	0.70	QD-NL-0800-0004-CM
			3.150	*3.150*	*.984*		*2.067*	*8.858*	*.302*	*1.772*		

SSC = To correspond with SSC on insert.

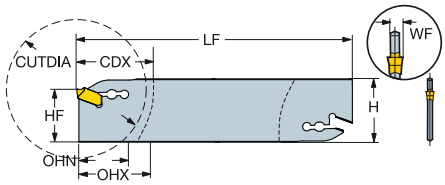
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CoroCut® QD blade for parting

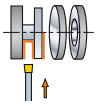
Spring-lock design

Neutral coupling – Precision coolant supply





Double-ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	KG	MIID
	E	21	26.0	50.0	26.0	**QD-NR2E26-21D**	25.9	110.0	2.6	21.4	52	0.08	QD-NE-0200-0002-CM
			1.024	*1.969*	*1.024*		*1.020*	*4.331*	*.102*	*.843*	*2.047*		

SSC = To correspond with SSC on insert.

For spare parts, visit www.sandvik.coromant.com

B74 F2 E3 H37 H28 H20

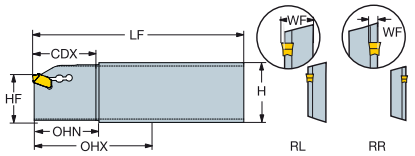
SANDVIK Coromant

CoroCut® QD blade for parting

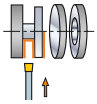
Spring-lock design

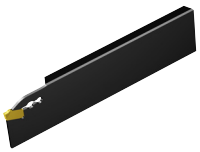
Right hand coupling

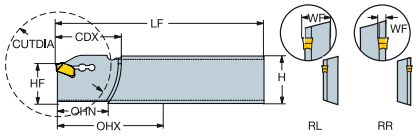




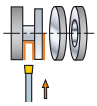
Single-ended parting blade with linear reinforcement

	SSC	CZC$_{MS}$	CDX	OHX	OHN	Ordering code	Dimensions, mm, inch H	LF	WF	HF	KG	MIID
	G	25L	33.0	50.0	33.0	QD-RL1G33-25A	31.9	110.0	8.3	25.0	0.19	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*		*1.256*	*4.331*	*.328*	*.984*		
		25L	33.0	50.0	33.0	QD-RR1G33-25A	31.9	110.0	2.7	25.0	0.20	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*		*1.256*	*4.331*	*.105*	*.984*		





Single-ended parting blade with curved reinforcement

	SSC	CZC$_{MS}$	CDX	OHX	OHN	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	KG	MIID
	G	21L	33.0	50.0	33.0	QD-RL1G33-21D	25.9	110.0	8.3	21.4	66	0.17	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*		*1.020*	*4.331*	*.328*	*.843*	*2.598*		
		21L	26.0	50.0	26.0	QD-RR1G26-21D	25.9	110.0	2.7	21.4	52	0.17	QD-NG-0300-0002-CM
			1.024	*1.969*	*1.024*		*1.020*	*4.331*	*.105*	*.843*	*2.047*		
		21L	33.0	50.0	33.0	QD-RR1G33-21D	25.9	110.0	2.7	21.4	66	0.17	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*		*1.020*	*4.331*	*.105*	*.843*	*2.598*		

SSC = To correspond with SSC on insert.

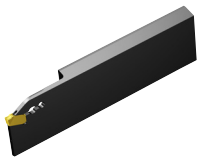
For spare parts, visit www.sandvik.coromant.com

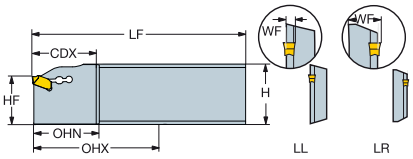
B74 F2 E3 H37 H28 H20

CoroCut® QD blade for parting

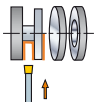
Spring-lock design

Left hand coupling

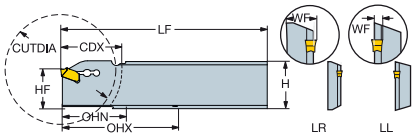




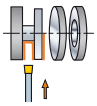
Single-ended parting blade with linear reinforcement

	SSC	CZC$_{MS}$	CDX	OHX	OHN	Ordering code	Dimensions, mm, inch H	LF	WF	HF	KG	MIID
	G	25R	33.0	50.0	33.0	QD-LL1G33-25A	31.9	110.0	2.7	25.1	0.19	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*		*1.256*	*4.331*	*.105*	*.988*		
		25R	33.0	50.0	33.0	QD-LR1G33-25A	31.9	110.0	8.3	25.1	0.19	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*		*1.256*	*4.331*	*.328*	*.988*		





Single-ended parting blade with curved reinforcement

	SSC	CZC$_{MS}$	CDX	OHX	OHN	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	KG	MIID
	G	21R	26.0	50.0	26.0	QD-LL1G26-21D	25.9	110.0	2.7	21.4	52	0.17	QD-NG-0300-0002-CM
			1.024	*1.969*	*1.024*		*1.020*	*4.331*	*.105*	*.843*	*2.047*		
		21R	33.0	50.0	33.0	QD-LL1G33-21D	25.9	110.0	2.7	21.4	66	0.17	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*		*1.020*	*4.331*	*.105*	*.843*	*2.598*		
		21R	33.0	50.0	33.0	QD-LR1G33-21D	25.9	110.0	8.3	21.4	66	0.17	QD-NG-0300-0002-CM
			1.299	*1.969*	*1.299*		*1.020*	*4.331*	*.328*	*.843*	*2.598*		

SSC = To correspond with SSC on insert.

For spare parts, visit www.sandvik.coromant.com

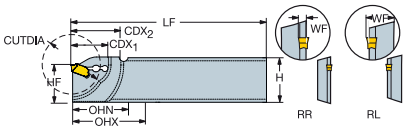
B74 F2 E3 H37 H28 H20

CoroCut® QD blade for parting

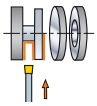
Spring-lock design

Right hand coupling





Single-ended parting blade with two reinforced curves

	SSC	CZC_{MS}	CDX_1	CDX_2	OHX	OHN	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CUTDIA	KG	MIID
	E	21L	18.0	28.0	50.0	18.0	**QD-RL1E18-21D2**	25.9	110.0	8.3	21.4	36	0.17	QD-NE-0200-0002-CM
			.709	*1.102*	*1.969*	*.709*		*1.020*	*4.331*	*.325*	*.843*	*1.417*		
		21L	18.0	28.0	50.0	18.0	**QD-RR1E18-21D2**	25.9	110.0	1.8	21.4	36	0.17	QD-NE-0200-0002-CM
			.709	*1.102*	*1.969*	*.709*		*1.020*	*4.331*	*.069*	*.843*	*1.417*		
	G	21L	18.0	28.0	50.0	18.0	**QD-RL1G18-21D2**	25.9	110.0	8.3	21.4	36	0.17	QD-NG-0300-0002-CM
			.709	*1.102*	*1.969*	*.709*		*1.020*	*4.331*	*.328*	*.843*	*1.417*		
		21L	18.0	28.0	50.0	18.0	**QD-RR1G18-21D2**	25.9	110.0	2.7	21.4	36	0.14	QD-NG-0300-0002-CM
			.709	*1.102*	*1.969*	*.709*		*1.020*	*4.331*	*.105*	*.843*	*1.417*		

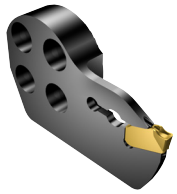
SSC = To correspond with SSC on insert.

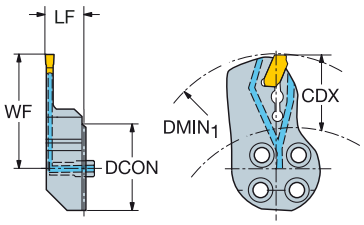
B74 F2 E3 H37 H28 H20

CoroCut® QD head for grooving

Spring-lock design

Precision coolant supply





	SSC	CZC$_{MS}$	CDX	DMIN$_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	BAR PSI	KG	MIID
	E	25	22.0	55.0	1	SL-QD-R/LGE22C25	25	9.0	36.1	0.1	80	0.07	QD-NE-0200-0002-CM
			.866	*2.165*			*.984*	*.354*	*1.421*	*.004*	*1160*		
		32	26.0	64.0	1	SL-QD-R/LGE26C32	32	11.0	43.6	0.1	80	0.11	QD-NE-0200-0002-CM
			1.024	*2.520*			*1.260*	*.433*	*1.717*	*.004*	*1160*		
	F	25	22.0	65.0	1	SL-QD-R/LGF22C25	25	9.0	36.1	0.1	80	0.07	QD-NF-0250-0002-CM
			.866	*2.559*			*.984*	*.354*	*1.421*	*.004*	*1160*		
		32	26.0	65.0	1	SL-QD-R/LGF26C32	32	11.0	43.6	0.1	80	0.11	QD-NF-0250-0002-CM
			1.024	*2.559*			*1.260*	*.433*	*1.717*	*.004*	*1160*		
	G	25	22.0	70.0	1	SL-QD-R/LGG22C25	25	9.0	36.1	0.1	80	0.07	QD-NG-0300-0002-CM
			.866	*2.756*			*.984*	*.354*	*1.421*	*.004*	*1160*		
		32	26.0	70.0	1	SL-QD-R/LGG26C32	32	11.0	43.6	0.1	80	0.11	QD-NG-0300-0002-CM
			1.024	*2.756*			*1.260*	*.433*	*1.717*	*.004*	*1160*		
		40	32.0	80.0	1	SL-QD-R/LGG32C40	40	12.0	53.6	0.1	80	0.17	QD-NG-0300-0002-CM
			1.260	*3.150*			*1.575*	*.472*	*2.110*	*.004*	*1160*		
	H	32	32.0	75.0	1	SL-QD-R/LGH32C32	32	11.0	49.6	0.1	80	0.13	QD-NH-0400-0002-CM
			1.260	*2.953*			*1.260*	*.433*	*1.953*	*.004*	*1160*		
		40	40.0	90.0	1	SL-QD-R/LGH40C40	40	12.0	61.6	0.1	80	0.19	QD-NH-0400-0002-CM
			1.575	*3.543*			*1.575*	*.472*	*2.425*	*.004*	*1160*		
	J	40	40.0	130.0	1	SL-QD-R/LGJ40C40	40	12.0	61.6	0.1	80	0.21	QD-NJ-0500-0002-CM
			1.575	*5.118*			*1.575*	*.472*	*2.425*	*.004*	*1160*		
	K	40	40.0	130.0	1	SL-QD-R/LGK40C40	40	12.0	61.6	0.1	80	0.21	QD-NK-0600-0003-CM
			1.575	*5.118*			*1.575*	*.472*	*2.425*	*.004*	*1160*		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC$_{MS}$	Locating tube
E	25	5552 058-02
E	32	5638 031-01
F	25	5552 058-02
F	32	5638 031-01
G	25	5552 058-02
G	32-40	5638 031-01
H	32-40	5638 031-01
J	40	5638 031-01
K	40	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B74 F2 H37 H28 H5 H2

CoroCut® 3

Shallow parting off and precision grooving

Application

- Parting off
- Circlip grooving
- External grooving
- Profiling
- Optimized for parting-off bearing rings



ISO application area:

P M K N S

Benefits and features

- Precision grooving down to the smallest widths
- Maximum versatility—one holder for all insert widths
- Cost efficient thanks to three cutting edges
- Stable interface
- Three-edged inserts with very close insert indexing tolerance
- Tailor Made inserts available

www.sandvik.coromant.com/corocut3

Inserts

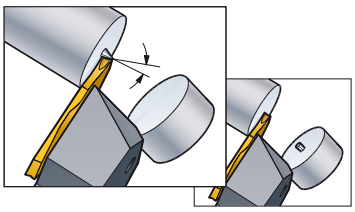
- GC1125: One versatile grade in four different geometries:
- CM for parting-off in the medium feed area
- CS for parting-off in extremely low feed machining
- GS for precision grooving at low feed
- RS for profiling and grooving at low feed

Tools

- Coromant Capto®
- QS shank tools
- Rectangular shank holders
- CoroTurn® SL cutting heads

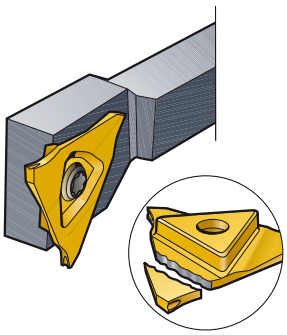
Front angled inserts

Inserts available with front angle for pip and burr-free parting off.



Independent insert location if breakages occur

Inserts can be indexed directly on the machine by unscrewing two turns. If insert breakage occurs, the clamping mechanism will not be affected - just index the insert and re-start the machine.



 B100

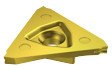
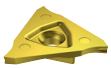
 B100



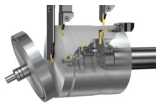
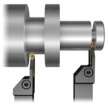
H28

CoroCut® 3

Inserts

	Parting		Grooving	Profiling
				
	123-CM	**123-CS**	**123-GS**	**123-RS**
Insert width, mm	1.00-2.00	1.00-2.00	0.50-3.18	0.50-3.00
Insert width, inch	.039-.079	.039-.079	.020-.125	.020-.118
Page	B103	B101	B104	B106

Tools

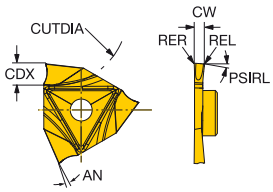
		
Tool holding	**Parting and grooving**	**Grooving**
Coromant Capto®	B107	
Shank	B108	
CoroTurn® SL cutting head		B109

CoroCut® 3 insert for parting

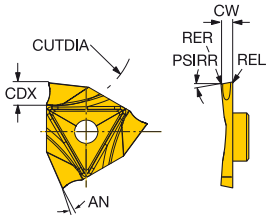
Shallow parting

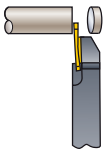


L123T3-CS



R123T3-CS



		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P	M	K	N	S	Dimensions, mm, inch AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
										1125	1125	1125	1125	1125						
Finishing		T	1.00	0.00	0.00	4.2	5.0		L123T3-0100-0500-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			.039	*.000*	*.000*	*.165*	*5.000*									*1.969*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.00	0.00	0.00	4.2	10.0		L123T3-0100-1000-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			.039	*.000*	*.000*	*.165*	*10.000*									*1.969*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3	10.0		L123T3-0200-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*	*10.000*									*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3	15.0		L123T3-0200-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*	*15.000*									*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.00	0.00	0.00	4.2		5.0	R123T3-0100-0500-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			.039	*.000*	*.000*	*.165*		*5.000*								*1.969*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.00	0.00	0.00	4.2		10.0	R123T3-0100-1000-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			.039	*.000*	*.000*	*.165*		*10.000*								*1.969*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.00	0.00	0.00	4.2		15.0	R123T3-0100-1500-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			.039	*.000*	*.000*	*.165*		*15.000*								*1.969*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.50	0.00	0.00	6.3		5.0	R123T3-0150-0500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.059	*.000*	*.000*	*.248*		*5.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.50	0.00	0.00	6.3		10.0	R123T3-0150-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.059	*.000*	*.000*	*.248*		*10.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.50	0.00	0.00	6.3		15.0	R123T3-0150-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.059	*.000*	*.000*	*.248*		*15.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3		5.0	R123T3-0200-0500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*		*5.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3		10.0	R123T3-0200-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*		*10.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3		15.0	R123T3-0200-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*		*15.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

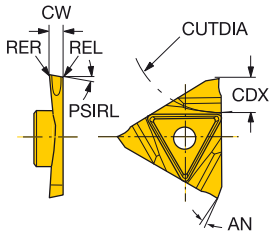
T = Right hand cutting insert, U = Left hand cutting insert.

CoroCut® 3 insert for parting

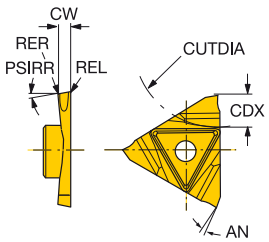
Shallow parting

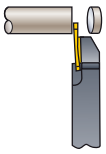


L123U3-CS



R123U3-CS



		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
										Dimensions, mm, inch											
Finishing		U	1.00	0.00	0.00	4.2	5.0		L123U3-0100-0500-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			.039	*.000*	*.000*	*.165*	*5.000*									*1.969*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.00	0.00	0.00	4.2	10.0		L123U3-0100-1000-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			.039	*.000*	*.000*	*.165*	*10.000*									*1.969*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.00	0.00	0.00	4.2	15.0		L123U3-0100-1500-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			.039	*.000*	*.000*	*.165*	*15.000*									*1.969*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.50	0.00	0.00	6.3	5.0		L123U3-0150-0500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.059	*.000*	*.000*	*.248*	*5.000*									*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.50	0.00	0.00	6.3	10.0		L123U3-0150-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.059	*.000*	*.000*	*.248*	*10.000*									*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.50	0.00	0.00	6.3	15.0		L123U3-0150-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.059	*.000*	*.000*	*.248*	*15.000*									*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3	5.0		L123U3-0200-0500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*	*5.000*									*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3	10.0		L123U3-0200-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*	*10.000*									*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3	15.0		L123U3-0200-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*	*15.000*									*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.00	0.00	0.00	4.2		5.0	R123U3-0100-0500-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			.039	*.000*	*.000*	*.165*		*5.000*								*1.969*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.00	0.00	0.00	4.2		10.0	R123U3-0100-1000-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			.039	*.000*	*.000*	*.165*		*10.000*								*1.969*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.50	0.00	0.00	6.3		5.0	R123U3-0150-0500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.059	*.000*	*.000*	*.248*		*5.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.50	0.00	0.00	6.3		10.0	R123U3-0150-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.059	*.000*	*.000*	*.248*		*10.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			1.50	0.00	0.00	6.3		15.0	R123U3-0150-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.059	*.000*	*.000*	*.248*		*15.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3		5.0	R123U3-0200-0500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*		*5.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3		10.0	R123U3-0200-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*		*10.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*
			2.00	0.00	0.00	6.3		15.0	R123U3-0200-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
			.079	*.000*	*.000*	*.248*		*15.000*								*3.937*	*-.0039*	*.0000*	*.0000*	*.0020*

SSC = To correspond with SSC on holder.

T = Right hand cutting insert, U = Left hand cutting insert.

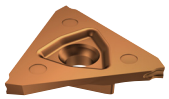
R = Right hand, L = Left hand

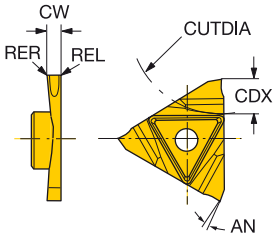
B100 B162 B183 B180 H37 H28

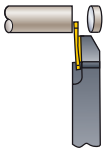
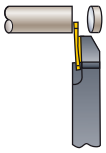
SANDVIK Coromant

CoroCut® 3 insert for parting

Shallow parting





		SSC	CW	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
								Dimensions, mm, inch										
Finishing		T	1.00	0.00	0.00	4.3	N123T3-0100-0000-CS	★	★	★	★	★	7°	50.00	-0.050	0.030	0.000	0.050
			.039	*.000*	*.000*	*.169*								*1.969*	*-.0020*	*.0012*	*.0000*	*.0020*
			1.50	0.00	0.00	6.4	N123T3-0150-0000-CS	★	★	★	★	★	7°	100.00	-0.050	0.030	0.000	0.050
			.059	*.000*	*.000*	*.252*								*3.937*	*-.0020*	*.0012*	*.0000*	*.0020*
			2.00	0.00	0.00	6.4	N123T3-0200-0000-CS	★	★	★	★	★	7°	100.00	-0.050	0.030	0.000	0.050
			.079	*.000*	*.000*	*.252*								*3.937*	*-.0020*	*.0012*	*.0000*	*.0020*
		U	1.00	0.00	0.00	4.3	N123U3-0100-0000-CS	★	★	★	★	★	7°	50.00	-0.050	0.030	0.000	0.050
			.039	*.000*	*.000*	*.169*								*1.969*	*-.0020*	*.0012*	*.0000*	*.0020*
			1.50	0.00	0.00	6.4	N123U3-0150-0000-CS	★	★	★	★	★	7°	100.00	-0.050	0.030	0.000	0.050
			.059	*.000*	*.000*	*.252*								*3.937*	*-.0020*	*.0012*	*.0000*	*.0020*
			2.00	0.00	0.00	6.4	N123U3-0200-0000-CS	★	★	★	★	★	7°	100.00	-0.050	0.030	0.000	0.050
			.079	*.000*	*.000*	*.252*								*3.937*	*-.0020*	*.0012*	*.0000*	*.0020*
Medium		T	1.00	0.10	0.10	4.3	N123T3-0100-0001-CM	★	★	★	★	★	7°	50.00	-0.030	0.030	-0.050	0.050
			.039	*.004*	*.004*	*.169*								*1.969*	*-.0012*	*.0012*	*-.0020*	*.0020*
			1.50	0.10	0.10	6.4	N123T3-0150-0001-CM	★	★	★	★	★	7°	100.00	-0.030	0.030	-0.050	0.050
			.059	*.004*	*.004*	*.252*								*3.937*	*-.0012*	*.0012*	*-.0020*	*.0020*
			2.00	0.10	0.10	6.4	N123T3-0200-0001-CM	★	★	★	★	★	7°	100.00	-0.030	0.030	-0.050	0.050
			.079	*.004*	*.004*	*.252*								*3.937*	*-.0012*	*.0012*	*-.0020*	*.0020*
		U	1.00	0.10	0.10	4.3	N123U3-0100-0001-CM	★	★	★	★	★	7°	50.00	-0.030	0.030	-0.050	0.050
			.039	*.004*	*.004*	*.169*								*1.969*	*-.0012*	*.0012*	*-.0020*	*.0020*
			1.50	0.10	0.10	6.4	N123U3-0150-0001-CM	★	★	★	★	★	7°	100.00	-0.030	0.030	-0.050	0.050
			.059	*.004*	*.004*	*.252*								*3.937*	*-.0012*	*.0012*	*-.0020*	*.0020*
			2.00	0.10	0.10	6.4	N123U3-0200-0001-CM	★	★	★	★	★	7°	100.00	-0.030	0.030	-0.050	0.050
			.079	*.004*	*.004*	*.252*								*3.937*	*-.0012*	*.0012*	*-.0020*	*.0020*

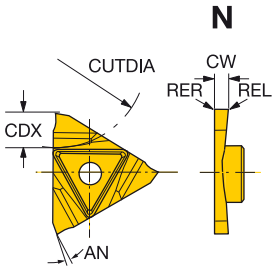
SSC = To correspond with SSC on holder.
T = Right hand cutting insert, U = Left hand cutting insert.
N = Neutral

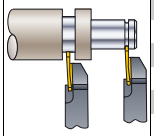
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CoroCut® 3 insert for grooving

Grooving





		SSC	CW	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	AN	Dimensions, mm, inch CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		T	0.50	0.00	0.00	1.5	N123T3-0050-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.020	*.000*	*.000*	*.059*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			0.60	0.00	0.00	1.6	N123T3-0060-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.024	*.000*	*.000*	*.063*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			0.70	0.00	0.00	1.7	N123T3-0070-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.028	*.000*	*.000*	*.067*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			0.80	0.00	0.00	1.8	N123T3-0080-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.031	*.000*	*.000*	*.071*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			0.90	0.00	0.00	2.0	N123T3-0090-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.035	*.000*	*.000*	*.079*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.00	0.00	0.00	2.2	N123T3-0100-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.039	*.000*	*.000*	*.087*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.20	0.00	0.00	2.3	N123T3-0120-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.047	*.000*	*.000*	*.091*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.40	0.00	0.00	2.7	N123T3-0140-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.055	*.000*	*.000*	*.106*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.50	0.00	0.00	3.0	N123T3-0150-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.059	*.000*	*.000*	*.118*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.60	0.00	0.00	3.2	N123T3-0160-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.063	*.000*	*.000*	*.126*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.70	0.00	0.00	3.3	N123T3-0170-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.067	*.000*	*.000*	*.130*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.95	0.00	0.00	3.9	N123T3-0195-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.077	*.000*	*.000*	*.154*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			2.00	0.00	0.00	4.0	N123T3-0200-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.079	*.000*	*.000*	*.157*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			2.25	0.00	0.00	4.5	N123T3-0225-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.089	*.000*	*.000*	*.177*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			2.50	0.00	0.00	5.0	N123T3-0250-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.098	*.000*	*.000*	*.197*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			2.75	0.00	0.00	5.5	N123T3-0275-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.108	*.000*	*.000*	*.217*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			3.00	0.00	0.00	6.0	N123T3-0300-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.118	*.000*	*.000*	*.236*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			3.18	0.00	0.00	6.0	N123T3-0318-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.125	*.000*	*.000*	*.236*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*

SSC = To correspond with SSC on holder.
T = Right hand cutting insert, U = Left hand cutting insert.

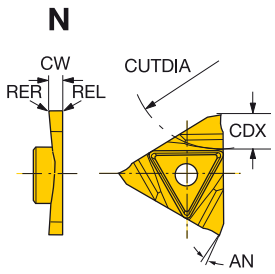
N = Neutral

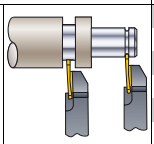
B100 B162 B183 B180 H37 H28

CoroCut® 3 insert for grooving

Grooving





		SSC	CW	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
			Dimensions, mm, inch														
Finishing		U	0.50	0.00	0.00	1.5	N123U3-0050-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.020	*.000*	*.000*	*.059*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			0.70	0.00	0.00	1.7	N123U3-0070-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.028	*.000*	*.000*	*.067*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			0.80	0.00	0.00	1.8	N123U3-0080-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.031	*.000*	*.000*	*.071*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			0.90	0.00	0.00	2.0	N123U3-0090-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.035	*.000*	*.000*	*.079*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.00	0.00	0.00	2.2	N123U3-0100-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.039	*.000*	*.000*	*.087*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.20	0.00	0.00	2.3	N123U3-0120-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.047	*.000*	*.000*	*.091*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.40	0.00	0.00	2.7	N123U3-0140-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.055	*.000*	*.000*	*.106*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.50	0.00	0.00	3.0	N123U3-0150-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.059	*.000*	*.000*	*.118*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.60	0.00	0.00	3.2	N123U3-0160-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.063	*.000*	*.000*	*.126*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			1.70	0.00	0.00	3.3	N123U3-0170-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.067	*.000*	*.000*	*.130*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			2.00	0.00	0.00	4.0	N123U3-0200-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.079	*.000*	*.000*	*.157*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			2.25	0.00	0.00	4.5	N123U3-0225-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.089	*.000*	*.000*	*.177*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			2.50	0.00	0.00	5.0	N123U3-0250-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.098	*.000*	*.000*	*.197*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*
			3.00	0.00	0.00	6.0	N123U3-0300-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			.118	*.000*	*.000*	*.236*							*3.937*	*-.0008*	*.0008*	*.0000*	*.0020*

SSC = To correspond with SSC on holder. N = Neutral

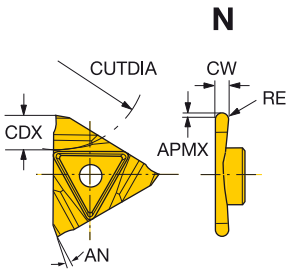
T = Right hand cutting insert, U = Left hand cutting insert.

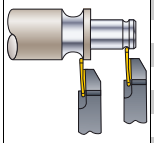
B100 B162 B183 B180 H37 H28

CoroCut® 3 insert for profiling

Grooving/Profiling







		SSC	CW	RE	CDX	APMX	Ordering code	P 1125	M 1125	K 1125	N 1125	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
			Dimensions, mm, inch														
Finishing		T	0.50	0.25	1.5	0.3	N123T3-0050-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.020	*.010*	*.059*	*.012*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			0.80	0.40	1.8	0.5	N123T3-0080-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.031	*.016*	*.071*	*.020*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			1.00	0.50	2.2	0.5	N123T3-0100-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.039	*.020*	*.087*	*.020*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			1.50	0.75	3.3	0.5	N123T3-0150-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.059	*.030*	*.130*	*.020*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			2.00	1.00	4.0	1.0	N123T3-0200-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.079	*.039*	*.157*	*.039*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			2.50	1.25	5.0	1.0	N123T3-0250-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.098	*.049*	*.197*	*.039*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			3.00	1.50	6.0	1.0	N123T3-0300-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.118	*.059*	*.236*	*.039*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
		U	0.50	0.25	1.5	0.3	N123U3-0050-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.020	*.010*	*.059*	*.012*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			0.80	0.40	1.8	0.5	N123U3-0080-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.031	*.016*	*.071*	*.020*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			1.00	0.50	2.2	0.5	N123U3-0100-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.039	*.020*	*.087*	*.020*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			1.50	0.75	3.3	0.5	N123U3-0150-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.059	*.030*	*.130*	*.020*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			2.00	1.00	4.0	1.0	N123U3-0200-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.079	*.039*	*.157*	*.039*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*
			3.00	1.50	6.0	1.0	N123U3-0300-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			.118	*.059*	*.236*	*.039*							*3.937*	*-.0008*	*.0008*	*-.0020*	*.0020*

SSC = To correspond with SSC on holder.

T = Right hand cutting insert, U = Left hand cutting insert.

N = Neutral

B100 B162 B183 B180 H37 H28

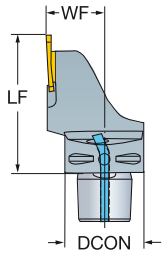
SANDVIK Coromant

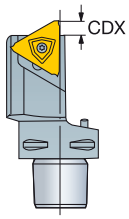
CoroCut® 3 cutting unit for parting and grooving

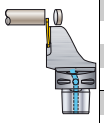
Screw clamp design

Coromant Capto® - Internal coolant supply







	SSC	CZC_{MS}	CDX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	T	C3	6.4	3	**C3-RF123T06-22045BM**	32	45.0	22.0	10	3.0	0.23	N123T3-0150- CM
			.250			*1.260*	*1.772*	*.866*	*145*			
		C4	6.4	3	**C4-RF123T06-27060BM**	40	60.0	27.0	10	3.0	0.45	N123T3-0150- CM
			.250			*1.575*	*2.362*	*1.063*	*145*			
	U	C3	6.4	3	**C3-LF123U06-22045BM**	32	45.0	22.0	10	3.0	0.23	N123U3-0150- CM
			.250			*1.260*	*1.772*	*.866*	*145*			
		C4	6.4	3	**C4-LF123U06-27060BM**	40	60.0	27.0	10	3.0	0.45	N123U3-0150- CM
			.250			*1.575*	*2.362*	*1.063*	*145*			

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

T = Right hand cutting insert, U = Left hand cutting insert.

Spare parts	
Screw	Nozzle
5513 020-62	5691 034-01

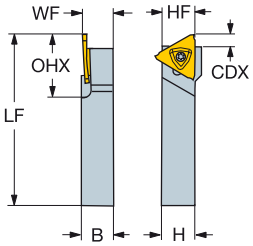
For the complete list of spare parts, visit www.sandvik.coromant.com

B100 F2 E3 G2 H37 H28 H18 H5

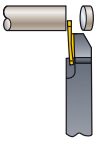
CoroCut® 3 shank tool for parting and grooving

Screw clamp design

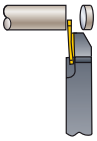




Metric version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	T	20 x 20	6.4	23.0	RF123T06-2020BM	20.0	20.0	125.0	20.0	20.0	3.0	0.39	N123T3-0150- CM
		25 x 25	6.4	23.0	RF123T06-2525BM	25.0	25.0	150.0	25.0	25.0	3.0	0.71	N123T3-0150- CM
		32 x 32	6.4	23.0	RF123T06-3232BM	32.0	32.0	170.0	32.0	32.0	3.0	1.31	N123T3-0150- CM
	U	20 x 20	6.4	23.0	LF123U06-2020BM	20.0	20.0	125.0	20.0	20.0	3.0	0.39	N123U3-0150- CM
		25 x 25	6.4	23.0	LF123U06-2525BM	25.0	25.0	150.0	25.0	25.0	3.0	0.71	N123U3-0150- CM
		32 x 32	6.4	23.0	LF123U06-3232BM	32.0	32.0	170.0	32.0	32.0	3.0	1.31	N123U3-0150- CM

Inch version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	T	3/4 x 3/4	.252	.906	RF123T023-12BM	.750	.750	4.500	.750	.750	2.2	.700	N123T3-0150- CM
		1 x 1	.252	.906	RF123T023-16BM	1.000	1.000	5.000	1.000	1.000	2.2	1.353	N123T3-0150- CM
		1 1/4 x 1	.252	.906	RF123T023-20BM	1.250	1.250	6.000	1.250	1.250	2.2	2.552	N123T3-0150- CM
	U	5/8 x 5/8	.252	.906	LF123U023-10BM	.625	.625	4.500	.625	.625	2.2	.502	N123U3-0150- CM
		3/4 x 3/4	.252	.906	LF123U023-12BM	.750	.750	4.500	.750	.750	2.2	.719	N123U3-0150- CM
		1 x 1	.252	.906	LF123U023-16BM	1.000	1.000	5.000	1.000	1.000	2.2	1.379	N123U3-0150- CM
		1 1/4 x 1	.252	.906	LF123U023-20BM	1.250	1.250	6.000	1.250	1.250	2.2	2.543	N123U3-0150- CM

SSC = To correspond with SSC on insert.
T = Right hand cutting insert, U = Left hand cutting insert.

R = Right hand, L = Left hand

Spare parts
Screw
5513 020-62

For the complete list of spare parts, visit www.sandvik.coromant.com

B100 F2 E3 H37 H28 H18

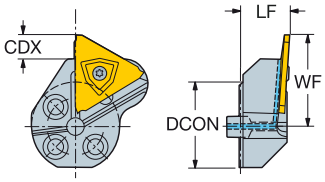
SANDVIK Coromant

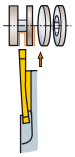
CoroCut® 3 head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	CDX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	T	25	6.4	1	570-25L123T06B	25	14.0	26.0	10	3.0	0.08	N123T3-0150- CM
			.250			*.984*	*.551*	*1.024*	*145*			
		32	6.4	1	570-32L123T06B	32	14.0	28.5	10	3.0	0.11	N123T3-0150- CM
			.250			*1.260*	*.551*	*1.122*	*145*			
		40	6.4	1	570-40L123T06B	40	14.0	32.5	10	3.0	0.15	N123T3-0150- CM
			.250			*1.575*	*.551*	*1.280*	*145*			
	U	25	6.4	1	570-25R123U06B	25	14.0	26.0	10	3.0	0.08	N123U3-0150- CM
			.250			*.984*	*.551*	*1.024*	*145*			
		32	6.4	1	570-32R123U06B	32	14.0	28.5	10	3.0	0.11	N123U3-0150- CM
			.250			*1.260*	*.551*	*1.122*	*145*			
		40	6.4	1	570-40R123U06B	40	14.0	32.5	10	3.0	0.15	N123U3-0150- CM
			.250			*1.575*	*.551*	*1.280*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

T = Right hand cutting insert, U = Left hand cutting insert.

Spare parts	
Clamping screw	Coolant tube
5513 020-62	5691 041-01

For the complete list of spare parts, visit www.sandvik.coromant.com

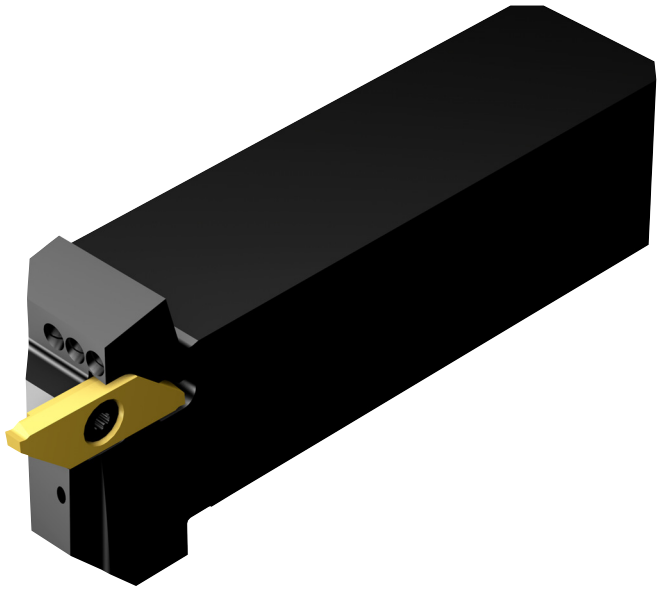
B100 F2 H37 H28 H5 H2

CoroCut® XS

For external machining of small and slender components

Application

- Parting off
- External threading
- External grooving
- Turning



ISO application area:

P M K N S

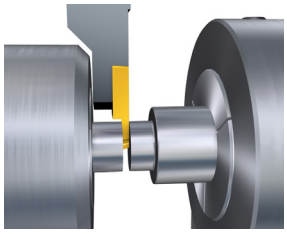
Benefits and features

- High precision
- Close tolerances
- Good accessibility when changing inserts
- Wide variety of insert widths
- Sharp cutting edges
- All inserts fit into the same tool holder
- High-quality ground inserts and holders
- Full profile inserts for high-quality threads in one operation
- Designed to keep the tool holder intact in case of insert breakage.
- Available with precision coolant

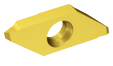
www.sandvik.coromant.com/corocutxs

Holders

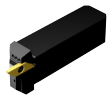
Dedicated holders for parting off close to sub spindle are available in high-precision square shank style.



Inserts

Turning	Back turning	Parting off	Grooving	Profiling	Threading
					
A333	A333	B111	B113	B113	C78

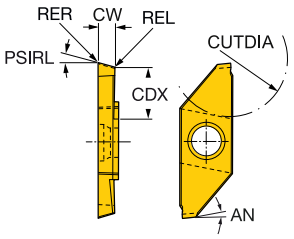
Tools

QS™ shank tools	CoroTurn® SL cutting head
	
B114	B115

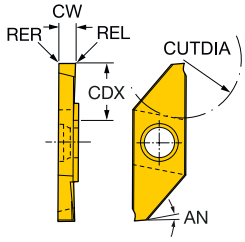
CoroCut® XS insert for parting



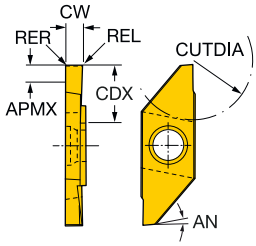
MACR/L-L

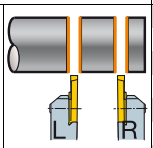
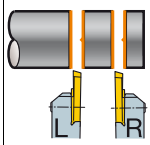
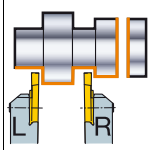


MACR/L-N



MACR/L-T



		SSC	CW	REL	RER	CDX	PSIRL	APMX	Ordering code	P		M		K	N		S		Dimensions, mm, inch					
										1025	1105	1025	1105	1025	1025	1105	1025	1105	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		3	0.70	0.05	0.05	4.3			MACR/L 3 070-N	☆	★	☆	★	★	☆	★	☆	★	6°	8.00	-0.020	0.020	-0.030	0.030
			.028	*.002*	*.002*	*.169*														*.315*	*-.0008*	*.0008*	*-.0012*	*.0012*
			1.00	0.05	0.05	6.3			MACR/L 3 100-N	☆	★	☆	★	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030
			.039	*.002*	*.002*	*.248*														*.472*	*-.0008*	*.0008*	*-.0012*	*.0012*
			1.50	0.05	0.05	6.3			MACR/L 3 150-N	☆	★	☆	★	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030
			.059	*.002*	*.002*	*.248*														*.472*	*-.0008*	*.0008*	*-.0012*	*.0012*
			2.00	0.05	0.05	8.5			MACR/L 3 200-N	☆	★	☆	★	★	☆	★	☆	★	6°	16.00	-0.020	0.020	-0.030	0.030
			.079	*.002*	*.002*	*.335*														*.630*	*-.0008*	*.0008*	*-.0012*	*.0012*
		3	0.70	0.05	0.05	4.3	15.0		MACR/L 3 070-L	☆	★	☆	★	★	☆	★	☆	★	6°	8.00	-0.020	0.020	-0.030	0.030
			.028	*.002*	*.002*	*.169*	*15.000*													*.315*	*-.0008*	*.0008*	*-.0012*	*.0012*
			1.00	0.05	0.05	6.3	15.0		MACR/L 3 100-L	☆	★	☆	★	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030
			.039	*.002*	*.002*	*.248*	*15.000*													*.472*	*-.0008*	*.0008*	*-.0012*	*.0012*
			1.50	0.05	0.05	6.3	15.0		MACR/L 3 150-L	☆	★	☆	★	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030
			.059	*.002*	*.002*	*.248*	*15.000*													*.472*	*-.0008*	*.0008*	*-.0012*	*.0012*
			2.00	0.05	0.05	8.5	15.0		MACR/L 3 200-L	☆	★	☆	★	★	☆	★	☆	★	6°	16.00	-0.020	0.020	-0.030	0.030
			.079	*.002*	*.002*	*.335*	*15.000*													*.630*	*-.0008*	*.0008*	*-.0012*	*.0012*
		3	1.00	0.05	0.05	6.3		1.5	MACR/L 3 100-T	☆	★	☆	★	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030
			.039	*.002*	*.002*	*.248*		*.059*												*.472*	*-.0008*	*.0008*	*-.0012*	*.0012*
			1.50	0.05	0.05	6.3		1.5	MACR/L 3 150-T	☆	★	☆	★	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030
			.059	*.002*	*.002*	*.248*		*.059*												*.472*	*-.0008*	*.0008*	*-.0012*	*.0012*
			2.00	0.05	0.05	8.2		3.0	MACR/L 3 200-T	☆	★	☆	★	★	☆	★	☆	★	6°	16.00	-0.020	0.020	-0.030	0.030
			.079	*.002*	*.002*	*.323*		*.118*												*.630*	*-.0008*	*.0008*	*-.0012*	*.0012*
			2.50	0.05	0.05	8.2		3.0	MACR/L 3 250-T	☆	★	☆	★	★	☆	★	☆	★	6°	16.00	-0.020	0.020	-0.030	0.030
			.098	*.002*	*.002*	*.323*		*.118*												*.630*	*-.0008*	*.0008*	*-.0012*	*.0012*

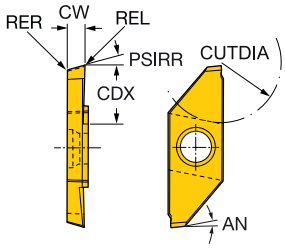
SSC = To correspond with SSC on holder.

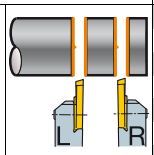
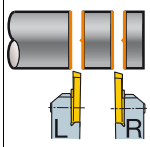
R = Right hand, L = Left hand

B114 B172 B183 H37 H24

CoroCut® XS insert for parting





		SSC	CW	REL	RER	CDX	PSIRR	Ordering code	P	M		K		N		S		Dimensions, mm, inch AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
									1025	1025	H13A	1025	H13A	1025	H13A	1025	H13A						
Finishing		3	0.70	0.05	0.05	4.3	15.0	MACR/L 3 070-R	★	★		★		★		★		6°	8.00	-0.020	0.020	-0.030	0.030
			.028	*.002*	*.002*	*.169*	*15.000*												*.315*	*-.0008*	*.0008*	*-.0012*	*.0012*
			1.00	0.05	0.05	6.3	15.0	MACR/L 3 100-R	★	★	☆	★	☆	★	☆	★	☆	6°	12.00	-0.020	0.020	-0.030	0.030
			.039	*.002*	*.002*	*.248*	*15.000*												*.472*	*-.0008*	*.0008*	*-.0012*	*.0012*
			1.50	0.05	0.05	6.3	15.0	MACR/L 3 150-R	★	★	☆	★	☆	★	☆	★	☆	6°	12.00	-0.020	0.020	-0.030	0.030
			.059	*.002*	*.002*	*.248*	*15.000*												*.472*	*-.0008*	*.0008*	*-.0012*	*.0012*
			2.00	0.05	0.05	8.5	15.0	MACR/L 3 200-R	★	★	☆	★	☆	★	☆	★	☆	6°	16.00	-0.020	0.020	-0.030	0.030
			.079	*.002*	*.002*	*.335*	*15.000*												*.630*	*-.0008*	*.0008*	*-.0012*	*.0012*
		3	1.50	0.05	0.05	6.3	20.0	MACR/L 3 150-R20	★	★		★		★		★		6°	12.00	-0.020	0.020	-0.030	0.030
			.059	*.002*	*.002*	*.248*	*20.000*												*.472*	*-.0008*	*.0008*	*-.0012*	*.0012*
			2.00	0.05	0.05	8.5	20.0	MACR/L 3 200-R20	★	★		★		★		★		6°	16.00	-0.020	0.020	-0.030	0.030
			.079	*.002*	*.002*	*.335*	*20.000*												*.630*	*-.0008*	*.0008*	*-.0012*	*.0012*

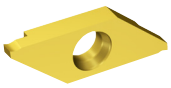
SSC = To correspond with SSC on holder.

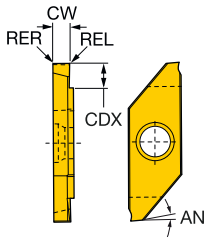
R = Right hand, L = Left hand

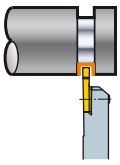
B114 B172 B183 H37 H24

SANDVIK Coromant

CoroCut® XS insert for grooving

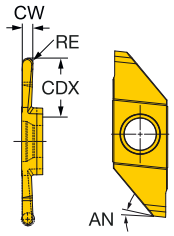


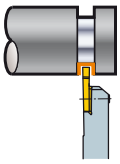


		SSC	CW	REL	RER	CDX	Ordering code	P	M		K		N		S		Dimensions, mm, inch				
								1025	1025	H13A	1025	H13A	1025	H13A	1025	H13A	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		3	0.50	0.05	0.05	1.3	MAGR/L 3 050	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			.020	*.002*	*.002*	*.051*												*-.0010*	*.0010*	*-.0008*	*.0008*
			0.75	0.05	0.05	2.5	MAGR/L 3 075	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			.030	*.002*	*.002*	*.098*												*-.0010*	*.0010*	*-.0008*	*.0008*
			1.00	0.05	0.05	2.7	MAGR/L 3 100	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			.039	*.002*	*.002*	*.106*												*-.0010*	*.0010*	*-.0008*	*.0008*
			1.25	0.05	0.05	2.7	MAGR/L 3 125	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			.049	*.002*	*.002*	*.106*												*-.0010*	*.0010*	*-.0008*	*.0008*
			1.50	0.05	0.05	3.7	MAGR/L 3 150	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			.059	*.002*	*.002*	*.146*												*-.0010*	*.0010*	*-.0008*	*.0008*
			1.75	0.05	0.05	3.7	MAGR/L 3 175	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			.069	*.002*	*.002*	*.146*												*-.0010*	*.0010*	*-.0008*	*.0008*
			2.00	0.05	0.05	3.7	MAGR/L 3 200	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			.079	*.002*	*.002*	*.146*												*-.0010*	*.0010*	*-.0008*	*.0008*
			2.50	0.05	0.05	3.7	MAGR/L 3 250	★	★		★		★		★		6°	-0.025	0.025	-0.020	0.020
			.098	*.002*	*.002*	*.146*												*-.0010*	*.0010*	*-.0008*	*.0008*

CoroCut® XS insert for profiling





		SSC	CW	RE	CDX	APMX	Ordering code	P	M	K	N	S	Dimensions, mm, inch				
								1025	1025	1025	1025	1025	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		3	0.80	0.40	3.8	3.8	MAPL 3 080	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025
			.031	*.016*	*.148*	*.148*								*-.0010*	*.0010*	*-.0010*	*.0010*
			1.25	0.63	5.0	4.0	MAPL 3 125	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025
			.049	*.025*	*.197*	*.157*								*-.0010*	*.0010*	*-.0010*	*.0010*
			1.60	0.80	7.5	4.0	MAPL 3 160	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025
			.063	*.031*	*.295*	*.157*								*-.0010*	*.0010*	*-.0010*	*.0010*
			2.50	1.25	7.5	4.0	MAPL 3 250	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025
			.098	*.049*	*.295*	*.157*								*-.0010*	*.0010*	*-.0010*	*.0010*

SSC = To correspond with SSC on holder.

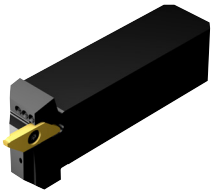
R = Right hand, L = Left hand

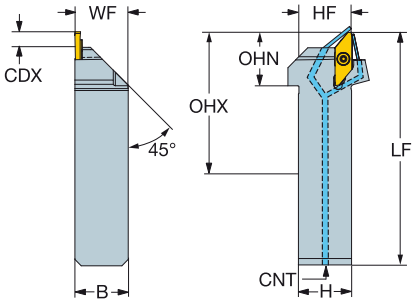
B114 B172 B183 H37 H24

CoroCut® XS QS shank tool for parting and grooving

Screw clamp design

Precision coolant supply





Metric version

SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions B	H	LF	WF	HF	BAR	KG	MIID
3	20 x 20	7.3	45.0	25.0	3	QS-SMALR/L2020X3HP	20.0	20.0	94.1	20.0	20.0	150	0.24	MACL 3 200-N
	25 x 25	7.3	50.0	25.0	3	QS-SMALR/L2525X3HP	25.0	25.0	109.1	25.0	25.0	150	0.44	MACL 3 200-N

Inch version

SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	PSI	LBS	MIID
3	3/4 x 3/4	.286	1.734	.984	3	QS-SMALR/L123XHP	.750	.750	3.705	.750	.750	2175	.484	MACL 3 200-N
	1 x 1	.286	1.984	.984	3	QS-SMALR/L163XHP	1.000	1.000	4.295	1.000	1.000	2175	1.012	MACL 3 200-N

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts	
Ordering code	Insert screw	Nozzle
QS-SMALR/L123XHP	5513 027-01	5691 026-13
QS-SMALR/L163XHP	5513 027-01	5691 026-13
QS-SMALR/L2020X3HP	5513 027-01	5691 026-13
QS-SMALR/L2525X3HP	5513 027-01	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

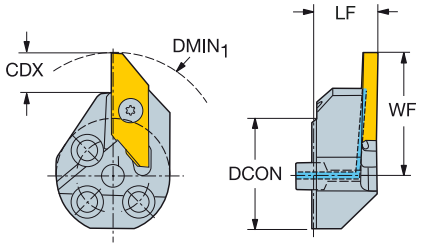
B111 F2 E3 G2 H37 H24 H5

CoroCut® XS head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	3	25	8.2	42.0	1	**570-25R/LSMAL3**	25	14.0	26.8	10	1.2	0.08	MACR 3 200-N
			.323	*1.654*			*.984*	*.551*	*1.055*	*145*			
		32	8.2	50.0	1	**570-32R/LSMAL3**	32	14.0	30.5	10	1.2	0.12	MACR 3 200-N
			.323	*1.969*			*1.260*	*.551*	*1.201*	*145*			

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

Note: Left hand inserts used in right hand holders, right hand inserts used in left hand holders.

Spare parts
Screw
5513 027-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B111 F2 H37 H5 H2

T-Max Q-Cut®

Internal grooving, face grooving and undercutting

Application

- Internal grooving
- Face grooving
- Undercutting



ISO application area:

P M K N S H

Benefits and features

- Excellent surface finish thanks to wiper technology
- Proven, versatile system
- V-clamped 1-edged insert for good stability
- Tailor Made

www.sandvik.coromant.com/tmaxqcut

Inserts

	Grooving		Profiling	Undercutting
				
	151.3-4G	**151.3-7G**	**151.3-7P**	**N151.2-4U**
Insert width, mm	1.85-8.00	3.00-6.00	3.00-6.00	2.00-3.00
Insert width, inch	.073-.315	.118-.336	.118-.336	.079-.118
Page	B117	B118	B119	B119

Tools

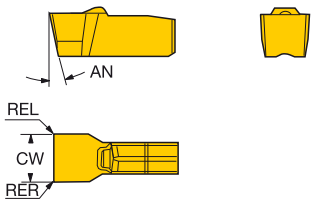
	Undercutting	External face grooving	Internal grooving	Internal face grooving
Shank tools	B120	B121-B122		
CoroTurn® SL cutting heads		B123-B124	B125-B126	
Boring bars			B127-B129	B130

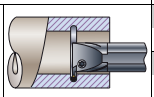
Tailor Made H28

T-Max® Q-Cut insert for grooving

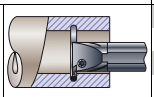
Internal grooving





		SSC	CW	REL	RER	Ordering code	P			M			K			N			S				Dimensions, mm, inch			
							1125	1145	2135	1125	1145	2135	H13A	1125	2135	H13A	1125	2135	H13A	1125	1145	2135	H13A	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		20	2.00	0.20	0.20	N151.3-200-20-4G	☆	☆	★	☆	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	-0.020	0.020	-0.050	0.050
			.079	*.008*	*.008*																			*-.0008*	*.0008*	*-.0020*	*.0020*
		25	2.39	0.18	0.18	N151.3-A094-25-4G	★	☆		★	☆		☆	★		☆	★		☆	★	☆		☆	-0.020	0.020	-0.051	0.051
			.094	*.007*	*.007*																			*-.0008*	*.0008*	*-.0020*	*.0020*
			2.46	0.33	0.33	N151.3-A097-25-4G	★			★			☆	★		☆	★		☆	★			☆	-0.020	0.020	-0.051	0.051
			.097	*.013*	*.013*																			*-.0008*	*.0008*	*-.0020*	*.0020*
			2.67	0.18	0.18	N151.3-A105-25-4G		★			★		☆			★			★		★		☆	-0.020	0.020	-0.051	0.051
			.105	*.007*	*.007*																			*-.0008*	*.0008*	*-.0020*	*.0020*
			2.79	0.33	0.33	N151.3-A110-25-4G	★			★				★			★			★				-0.020	0.020	-0.051	0.051
			.110	*.013*	*.013*																			*-.0008*	*.0008*	*-.0020*	*.0020*
		30	3.00	0.20	0.20	N151.3-300-30-4G	☆	☆	★	☆	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	-0.020	0.020	-0.050	0.050
			.118	*.008*	*.008*																			*-.0008*	*.0008*	*-.0020*	*.0020*
			3.18	0.18	0.18	N151.3-A125-30-4G	★			★			☆	★		☆	☆		★	★			☆	-0.020	0.020	-0.051	0.051
			.125	*.007*	*.007*																			*-.0008*	*.0008*	*-.0020*	*.0020*
			3.61	0.33	0.33	N151.3-A142-30-4G	★			★				★			★			★				-0.020	0.020	-0.051	0.051
			.142	*.013*	*.013*																			*-.0008*	*.0008*	*-.0020*	*.0020*
		40	4.00	0.20	0.20	N151.3-400-40-4G	☆	☆	★	☆	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	-0.020	0.020	-0.050	0.050
			.157	*.008*	*.008*																			*-.0008*	*.0008*	*-.0020*	*.0020*
			3.96	0.18	0.18	N151.3-A156-40-4G		★			★										★			-0.020	0.020	-0.051	0.051
			.156	*.007*	*.007*																			*-.0008*	*.0008*	*-.0020*	*.0020*
			4.70	0.56	0.56	N151.3-A185-40-4G	★			★				★			★			★				-0.020	0.020	-0.051	0.051
			.185	*.022*	*.022*																			*-.0008*	*.0008*	*-.0020*	*.0020*
			4.80	0.56	0.56	N151.3-A189-40-4G	★			★				★			★			★				-0.020	0.020	-0.051	0.051
			.189	*.022*	*.022*																			*-.0008*	*.0008*	*-.0020*	*.0020*
		50	5.00	0.20	0.20	N151.3-500-50-4G	☆		★	☆		★	☆	★	☆	☆	★	☆	☆	★		☆	☆	-0.020	0.020	-0.050	0.050
			.197	*.008*	*.008*																			*-.0008*	*.0008*	*-.0020*	*.0020*
		60	6.00	0.20	0.20	N151.3-600-60-4G	★			★				★			★			★				-0.020	0.020	-0.050	0.050
			.236	*.008*	*.008*																			*-.0008*	*.0008*	*-.0020*	*.0020*

For circlip grooves

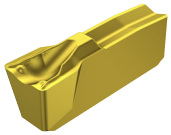
		SSC	CW	REL	RER	Ordering code	P	M		K		N		S		Dimensions, mm, inch				
							1125	1125	H13A	1125	H13A	1125	H13A	1125	H13A	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		20	1.85	0.10	0.10	N151.3-185-20-4G	★	★		★		★		★		11°	0.090	0.130	-0.050	0.050
			.073	*.004*	*.004*												*.0035*	*.0051*	*-.0020*	*.0020*
			2.15	0.15	0.15	N151.3-215-20-4G	★	★		★		★		★		11°	0.090	0.130	-0.050	0.050
			.085	*.006*	*.006*												*.0035*	*.0051*	*-.0020*	*.0020*
		25	2.65	0.15	0.15	N151.3-265-25-4G	★	★	☆	★	☆	★	☆	★	☆	11°	0.090	0.130	-0.050	0.050
			.104	*.006*	*.006*												*.0035*	*.0051*	*-.0020*	*.0020*

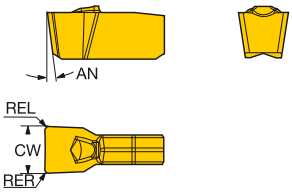
SSC = To correspond with SSC on holder.

N = Neutral

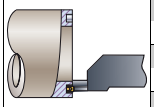
B120 B127 B162 B183 B181 H37 H28

T-Max® Q-Cut insert for grooving





Face grooving, internal grooving and turning

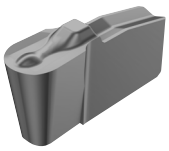
		SSC	CW	REL	RER	Ordering code	P 1125	P 1145	P 2135	P 3020	M 1125	M 1145	M 2135	K 1125	K 2135	K 3020	N 1125	N 2135	S 1125	S 1145	S 2135	Dimensions, mm, inch AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		25	3.00	0.30	0.30	N151.3-300-25-7G	☆	☆	★	☆	☆	☆	★	★	☆	☆	★	☆	★	☆	☆	8°	0.000	0.100	-0.100	0.100
			.118	*.012*	*.012*																		*.0000*	*.0039*	*-.0039*	*.0039*
		30	4.00	0.40	0.40	N151.3-400-30-7G	☆	☆	★	☆	☆	☆	★	★	☆	☆	★	☆	★	☆	☆	8°	0.000	0.100	-0.100	0.100
			.157	*.016*	*.016*																		*.0000*	*.0039*	*-.0039*	*.0039*
		40	5.00	0.40	0.40	N151.3-500-40-7G	☆		★	☆	☆		★	★	☆	☆	★	☆	★		☆	8°	0.000	0.100	-0.100	0.100
			.197	*.016*	*.016*																		*.0000*	*.0039*	*-.0039*	*.0039*
		50	6.00	0.40	0.40	N151.3-600-50-7G	☆		★		☆		★	★	☆		★	☆	★		☆	8°	0.000	0.100	-0.100	0.100
			.236	*.016*	*.016*																		*.0000*	*.0039*	*-.0039*	*.0039*

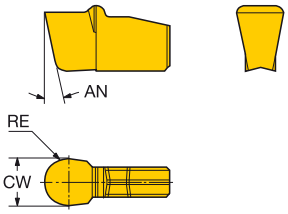
SSC = To correspond with SSC on holder.

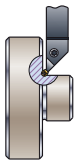
N = Neutral

B120 B127 B162 B183 B181 H37 H28 H4

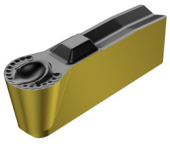
T-Max® Q-Cut insert for undercutting

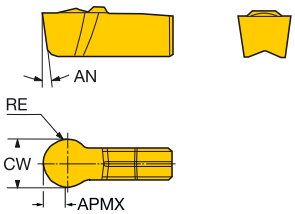




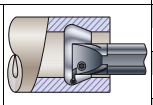
		SSC	CW	RE	REL	RER	APMX	Ordering code	P		M		K	N	S	Dimensions, mm, inch				
									525	H13A	525	H13A	H13A	H13A	H13A	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		20	2.00	1.00	1.00	1.00	1.0	N151.2-200-20-4U	★	☆	★	☆	★	★	★	7°	-0.020	0.020	-0.020	0.020
			.079	*.039*	*.039*	*.039*	*.039*										*-.0008*	*.0008*	*-.0008*	*.0008*
		25	3.00	1.50	1.50	1.50	1.5	N151.2-300-25-4U		☆		★	★	★	★	7°	-0.020	0.020	-0.020	0.020
			.118	*.059*	*.059*	*.059*	*.059*										*-.0008*	*.0008*	*-.0008*	*.0008*

T-Max® Q-Cut insert for profiling





Internal profiling and face grooving

		SSC	CW	RE	APMX	Ordering code	P			M		K			N		S		Dimensions, mm, inch				
							1125	2135	4225	1125	2135	1125	2135	4225	1125	2135	1125	2135	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		25	3.00	1.50	1.3	N151.3-300-25-7P	★	☆	☆	☆	★	☆	☆	★	★	☆	★	☆	9°	-0.050	0.050	-0.020	0.020
			.118	*.059*	*.051*															*-.0020*	*.0020*	*-.0008*	*.0008*
		30	4.00	2.00	1.7	N151.3-400-30-7P	★	☆	☆	☆	★	☆	☆	★	★	☆	★	☆	8°	-0.050	0.050	-0.020	0.020
			.157	*.079*	*.067*															*-.0020*	*.0020*	*-.0008*	*.0008*
		40	5.00	2.50	2.2	N151.3-500-40-7P	★			★		★			★		★		8°	-0.050	0.050	-0.020	0.020
			.197	*.098*	*.087*															*-.0020*	*.0020*	*-.0008*	*.0008*
		50	6.00	3.00	2.7	N151.3-600-50-7P	★			★		★			★		★		8°	-0.050	0.050	-0.020	0.020
			.236	*.118*	*.106*															*-.0020*	*.0020*	*-.0008*	*.0008*

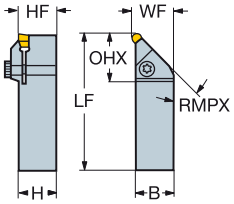
SSC = To correspond with SSC on holder. N = Neutral

B120 B127 B162 B183 B181 H37 H28

T-Max® Q-Cut shank tool for undercutting

Screw clamp design





Metric version

	SSC	CZC_{MS}	CDX	RMPX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	20	25 x 25	1.0	45°	24.0	**R/LS151.22-2525-20**	25.0	25.0	150.0	25.3	25.0	2.5	0.74	N151.2-200-20- 4U
	25	25 x 25	1.5	45°	27.0	**R/LS151.22-2525-25**	25.0	25.0	150.0	25.6	25.0	3.0	0.74	N151.2-300-25- 4U

Inch version

	SSC	CZC_{MS}	CDX	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	20	3/4 x 3/4	.039	45°	1.190	**RS151.22-12-20**	.750	.750	4.500	1.000	.750	1.4	.801	N151.2-200-20- 4U
	25	1 x 1	.059	45°	1.320	**LS151.22-16-25**	1.000	1.000	5.000	1.250	1.000	1.6	1.364	N151.2-300-25- 4U

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts
SSC	Clamping screw
20	3212 012-259
25	3212 012-259
30	3212 012-259
40	3212 012-360
50	3212 012-360
60	3212 012-360

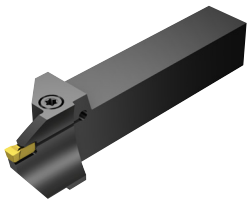
For the complete list of spare parts, visit www.sandvik.coromant.com

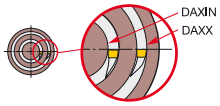
B118 F2 E3 H37 H28

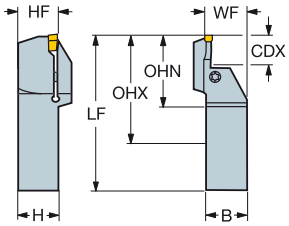
SANDVIK Coromant

T-Max® Q-Cut shank tool for face grooving

Screw clamp design







Metric version

	SSC	CZC$_{MS}$	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions B	H	LF	WF	HF	NM	KG	MIID
	25	25 x 25	8.7	24.0	35.0	37.7	R/LF151.37-2525-024B25	25.0	25.0	150.0	26.0	25.0	3.2	0.73	N151.3-300-25- 7G
		25 x 25	8.7	29.0	40.0	37.7	R/LF151.37-2525-029B25	25.0	25.0	150.0	26.0	25.0	3.2	0.73	N151.3-300-25- 7G
		25 x 25	8.7	34.0	50.0	37.7	R/LF151.37-2525-034B25	25.0	25.0	150.0	26.0	25.0	3.2	0.72	N151.3-300-25- 7G
		25 x 25	15.0	44.0	70.0	37.7	R/LF151.37-2525-044B25	25.0	25.0	150.0	26.0	25.0	3.2	0.71	N151.3-300-25- 7G
		25 x 25	15.0	64.0	100.0	37.7	R/LF151.37-2525-064B25	25.0	25.0	150.0	26.0	25.0	3.2	0.72	N151.3-300-25- 7G
	30	25 x 25	8.7	27.0	45.0	44.7	R/LF151.37-2525-027B30	25.0	25.0	150.0	26.0	25.0	3.3	0.70	N151.3-400-30- 7G
		25 x 25	8.7	32.0	50.0	44.7	R/LF151.37-2525-032B30	25.0	25.0	150.0	26.0	25.0	3.3	0.74	N151.3-400-30- 7G
		25 x 25	20.0	42.0	70.0	44.7	R/LF151.37-2525-042B30	25.0	25.0	150.0	26.0	25.0	3.3	0.74	N151.3-400-30- 7G
		25 x 25	20.0	62.0	120.0	44.7	R/LF151.37-2525-062B30	25.0	25.0	150.0	26.0	25.0	3.3	0.74	N151.3-400-30- 7G
		25 x 25	20.0	112.0	200.0	44.7	R/LF151.37-2525-112B30	25.0	25.0	150.0	26.0	25.0	3.3	0.74	N151.3-400-30- 7G
	40	25 x 25	10.7	25.0	45.0	45.7	R/LF151.37-2525-025B40	25.0	25.0	150.0	26.0	25.0	3.4	0.73	N151.3-500-40- 7G
		25 x 25	10.7	30.0	55.0	45.7	R/LF151.37-2525-030B40	25.0	25.0	150.0	26.0	25.0	3.4	0.71	N151.3-500-40- 7G
		25 x 25	20.0	45.0	80.0	45.7	R/LF151.37-2525-045B40	25.0	25.0	150.0	26.0	25.0	3.4	0.70	N151.3-500-40- 7G
		25 x 25	20.0	70.0	120.0	45.7	R/LF151.37-2525-070B40	25.0	25.0	150.0	26.0	25.0	3.4	0.68	N151.3-500-40- 7G
		25 x 25	20.0	90.0	200.0	45.7	R/LF151.37-2525-090B40	25.0	25.0	150.0	26.0	25.0	3.4	0.74	N151.3-500-40- 7G
	50	25 x 25	10.7	23.0	45.0	46.7	R/LF151.37-2525-023B50	25.0	25.0	150.0	26.0	25.0	3.8	0.73	N151.3-600-50- 7G
		25 x 25	20.0	38.0	70.0	46.7	R/LF151.37-2525-038B50	25.0	25.0	150.0	26.0	25.0	3.8	0.17	N151.3-600-50- 7G
		25 x 25	20.0	58.0	110.0	46.7	R/LF151.37-2525-058B50	25.0	25.0	150.0	26.0	25.0	3.8	0.74	N151.3-600-50- 7G
		25 x 25	20.0	88.0	200.0	46.7	R/LF151.37-2525-088B50	25.0	25.0	150.0	26.0	25.0	3.8	0.74	N151.3-600-50- 7G

Inch version

	SSC	CZC$_{MS}$	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	25	1 x 1	.343	.945	1.378	1.484	R/LF151.37-16-024B25	1.000	1.000	6.000	1.039	1.000	1.8	1.652	N151.3-300-25- 7G
		1 x 1	.343	1.339	1.969	1.484	R/LF151.37-16-034B25	1.000	1.000	6.000	1.039	1.000	1.8	1.619	N151.3-300-25- 7G
		1 x 1	.591	1.732	2.756	1.484	R/LF151.37-16-044B25	1.000	1.000	6.000	1.039	1.000	1.8	1.617	N151.3-300-25- 7G
		1 x 1	.591	2.520	3.937	1.484	R/LF151.37-16-064B25	1.000	1.000	6.000	1.039	1.000	1.8	1.631	N151.3-300-25- 7G
		1 x 1	.591	3.701	5.197	1.484	R/LF151.37-16-094B25	1.000	1.000	6.000	1.039	1.000	1.8	1.628	N151.3-300-25- 7G
		1 x 1	.591	5.197	7.874	1.484	R/LF151.37-16-132B25	1.000	1.000	6.000	1.039	1.000	1.8	1.980	N151.3-300-25- 7G
	30	1 x 1	.787	1.654	2.758	1.760	LF151.37-16-042B30	1.000	1.000	6.000	1.039	1.000	1.8	1.980	N151.3-400-30- 7G
		1 x 1	.787	4.409	7.874	1.760	LF151.37-16-112B30	1.000	1.000	6.000	1.039	1.000	1.8	1.586	N151.3-400-30- 7G
		1 x 1	.787	2.441	4.724	1.760	R/LF151.37-16-062B30	1.000	1.000	6.000	1.039	1.000	1.8	1.615	N151.3-400-30- 7G
	40	1 x 1	.787	2.758	4.724	1.800	LF151.37-16-070B40	1.000	1.000	6.000	1.039	1.000	1.8	1.716	N151.3-500-40- 7G
	50	1 x 1	.422	.906	1.772	1.839	RF151.37-16-023B50	1.000	1.000	6.000	1.039	1.000	2.1	1.672	N151.3-600-50- 7G

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

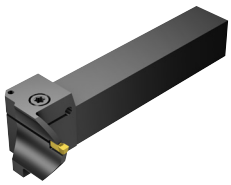
Spare parts
Clamping screw
3212 012-360

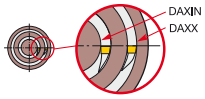
For the complete list of spare parts, visit www.sandvik.coromant.com

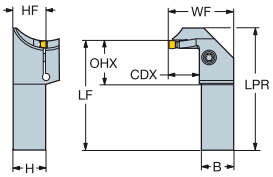
B118 F2 E3 H37 H28 H28

T-Max® Q-Cut shank tool for face grooving

Screw clamp design







Metric version

	SSC	CZC$_{MS}$	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions B	H	LPR	LF	WF	HF	NM	KG	MIID
	30	25 x 25	8.7	27.0	45.0	26.0	**R/LG151.37-2525-027B30**	25.0	25.0	159.9	150.0	47.0	25.0	3.0	0.90	N151.3-400-30- 7G
		25 x 25	20.0	32.0	50.0	24.0	**R/LG151.37-2525-032B30**	25.0	25.0	163.2	150.0	47.0	25.0	3.0	0.90	N151.3-400-30- 7G
		25 x 25	20.0	42.0	70.0	24.0	**R/LG151.37-2525-042B30**	25.0	25.0	160.7	150.0	47.0	25.0	3.0	0.90	N151.3-400-30- 7G
	50	25 x 25	10.7	23.0	45.0	30.2	**R/LG151.37-2525-023B50**	25.0	25.0	164.2	150.0	47.0	25.0	3.0	0.90	N151.3-600-50- 7G
		25 x 25	20.0	38.0	76.0	27.2	**R/LG151.37-2525-038B50**	25.0	25.0	165.0	150.0	47.0	25.0	3.5	0.76	N151.3-600-50- 7G

Inch version

	SSC	CZC$_{MS}$	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions, inch B	H	LPR	LF	WF	HF	FT/LBS	LBS	MIID
	30	1 x 1	.340	1.063	1.772	1.024	**RG151.37-16-027B30**	1.000	1.000	6.390	6.000	1.850	1.000	1.6	1.936	N151.3-400-30- 7G
		1 x 1	.790	1.260	1.968	1.130	**RG151.37-16-032B30**	1.000	1.000	6.520	6.000	1.850	1.000	1.6	1.969	N151.3-400-30- 7G
		1 x 1	.790	1.654	2.755	.945	**RG151.37-16-042B30**	1.000	1.000	6.421	6.000	1.850	1.000	1.6	1.936	N151.3-400-30- 7G
	50	1 x 1	.420	.906	1.771	1.189	**RG151.37-16-023B50**	1.000	1.000	6.520	6.000	1.850	1.000	1.6	2.112	N151.3-600-50- 7G

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts
Screw
3212 012-360

For the complete list of spare parts, visit www.sandvik.coromant.com

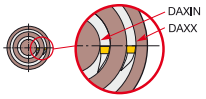
B118 F2 E3 H37 H28

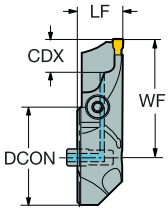
T-Max® Q-Cut head for face grooving

Screw clamp design

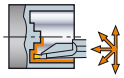
CoroTurn® SL - Internal coolant supply







A curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	25	32	8.7	24.0	35.0	1	**570-32R/L151.3-024A25**	32	14.0	37.4	10	2.0	0.09	N151.3-300-25- 7G
			.342	*.945*	*1.378*			*1.260*	*.551*	*1.472*	*145*			
	30	32	8.7	27.0	45.0	1	**570-32R151.3-027A30**	32	14.0	43.1	10	3.5	0.11	N151.3-400-30- 7G
			.342	*1.063*	*1.772*			*1.260*	*.551*	*1.697*	*145*			
		32	8.7	32.0	50.0	1	**570-32R151.3-032A30**	32	14.0	43.1	10	3.5	0.11	N151.3-400-30- 7G
			.342	*1.260*	*1.969*			*1.260*	*.551*	*1.697*	*145*			
	40	32	10.7	30.0	55.0	1	**570-32L151.3-030A40**	32	18.0	43.1	10	3.5	0.15	N151.3-500-40- 7G
			.421	*1.181*	*2.165*			*1.260*	*.709*	*1.697*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts	
SSC	Screw	Coolant tube
25	3212 012-260	5691 041-01
30	3212 012-310	5691 041-03
40	3212 012-310	5691 041-02

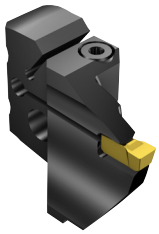
For the complete list of spare parts, visit www.sandvik.coromant.com

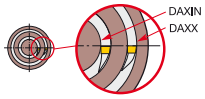
B118 F2 H37 H5 H2 H28

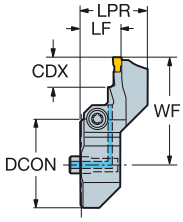
T-Max® Q-Cut head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply







B curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	BAR PSI	NM	KG	MIID
	25	32	8.7	24.0	35.0	1	**570-32R/L151.3-024B25**	32	23.1	14.0	37.4	10	2.0	0.13	N151.3-300-25- 7G
			.342	*.945*	*1.378*			*1.260*	*.909*	*.551*	*1.472*	*145*			
		32	8.7	29.0	40.0	1	**570-32R/L151.3-029B25**	32	24.8	14.0	37.4	10	2.0	0.13	N151.3-300-25- 7G
			.342	*1.142*	*1.575*			*1.260*	*.976*	*.551*	*1.472*	*145*			
	30	32	8.7	27.0	45.0	1	**570-32R/L151.3-027B30**	32	22.2	14.0	43.1	10	3.5	0.14	N151.3-400-30- 7G
			.342	*1.063*	*1.772*			*1.260*	*.874*	*.551*	*1.697*	*145*			
		32	8.7	24.0	50.0	1	**570-32R151.3-032B30**	32	23.7	14.0	43.1	10	3.5	0.14	N151.3-400-30- 7G
			.342	*.945*	*1.969*			*1.260*	*.933*	*.551*	*1.697*	*145*			
	50	32	18.0	38.0	70.0	1	**570-32R/L151.3-038B50**	32	25.5	18.0	41.1	10	4.0	0.15	N151.3-600-50- 7G
			.709	*1.496*	*2.756*			*1.260*	*1.004*	*.709*	*1.618*	*145*			
		32	10.7	23.0	45.0	1	**570-32R151.3-023B50**	32	30.0	18.0	41.1	10	4.0	0.16	N151.3-600-50- 7G
			.421	*.906*	*1.772*			*1.260*	*1.181*	*.709*	*1.618*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts	
SSC	Screw	Coolant tube
25	3212 012-260	5691 041-01
30	3212 012-310	5691 041-03
50	3212 012-310	5691 041-02

For the complete list of spare parts, visit www.sandvik.coromant.com


B118


F2



H37


H28



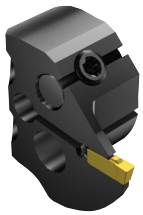
H5

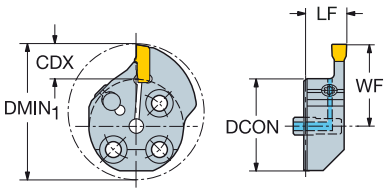

H2

T-Max® Q-Cut head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	20	25	8.0	35.6	1	570-25R/L151.3-08-20	25	14.0	22.1	10	3.0	0.07	N151.3-200-20- 4G
			.315	*1.402*			*.984*	*.551*	*.870*	*145*			
		32	8.0	42.6	1	570-32R/L151.3-08-20	32	14.0	25.6	10	3.0	0.10	N151.3-200-20- 4G
			.315	*1.677*			*1.260*	*.551*	*1.008*	*145*			
	25	25	8.0	40.0	1	570-25R/L151.3-08-25	25	14.0	22.1	10	3.0	0.07	N151.3-300-25- 7G
			.315	*1.575*			*.984*	*.551*	*.870*	*145*			
		32	7.0	41.6	1	570-32R/L151.3-07-25	32	14.0	24.6	10	3.0	0.10	N151.3-300-25- 7G
			.276	*1.638*			*1.260*	*.551*	*.969*	*145*			
	30	25	8.0	40.7	1	570-25R/L151.3-08-30	25	14.0	22.1	10	3.0	0.07	N151.3-400-30- 7G
			.315	*1.602*			*.984*	*.551*	*.870*	*145*			
		32	8.0	42.6	1	570-32R/L151.3-08-30	32	14.0	25.6	10	3.0	0.10	N151.3-400-30- 7G
			.315	*1.677*			*1.260*	*.551*	*1.008*	*145*			
		40	6.0	48.6	1	570-40R/L151.3-06-30	40	14.0	27.6	10	3.0	0.14	N151.3-400-30- 7G
			.236	*1.913*			*1.575*	*.551*	*1.087*	*145*			
	40	32	10.0	48.0	1	570-32R/L151.3-10-40	32	14.0	27.6	10	3.0	0.10	N151.3-500-40- 7G
			.394	*1.890*			*1.260*	*.551*	*1.087*	*145*			
		40	9.0	51.6	1	570-40R/L151.3-09-40	40	14.0	30.6	10	3.0	0.15	N151.3-500-40- 7G
			.354	*2.032*			*1.575*	*.551*	*1.205*	*145*			
	50	32	10.0	48.8	1	570-32R/L151.3-10-50	32	14.0	27.6	10	3.0	0.11	N151.3-600-50- 7G
			.394	*1.921*			*1.260*	*.551*	*1.087*	*145*			
		40	9.0	51.6	1	570-40R/L151.3-09-50	40	14.0	30.6	10	3.0	0.14	N151.3-600-50- 7G
			.354	*2.032*			*1.575*	*.551*	*1.205*	*145*			
	60	32	13.0	47.6	1	570-32R/L151.3-13-60	32	14.0	30.6	10	3.0	0.11	N151.3-800-60- 4G
			.512	*1.874*			*1.260*	*.551*	*1.205*	*145*			
		40	12.0	54.6	1	570-40R/L151.3-12-60	40	14.0	33.6	10	3.0	0.16	N151.3-800-60- 4G
			.472	*2.150*			*1.575*	*.551*	*1.323*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts		
SSC	CZC_{MS}	Clamping screw	Coolant tube	Clamping nut
20	25-32	5513 017-03	5691 041-01	5534 021-01
25	25-32	5513 017-03	5691 041-01	5534 021-01
30	25-40	5513 017-03	5691 041-03	5534 021-01
40	32-40	5513 017-03	5691 041-03	5534 021-01
50	32-40	5513 017-03	5691 041-03	5534 021-01
60	32-40	5513 017-03	5691 041-03	5534 021-01

For the complete list of spare parts, visit www.sandvik.coromant.com

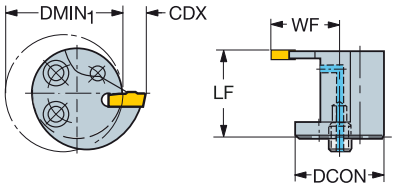
B118 F2 H37 H28 H5 H2

T-Max® Q-Cut head for grooving

Spring-clamp design

CoroTurn® SL - Internal coolant supply



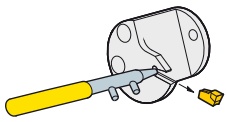


	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	KG	MIID
	20	16	8.5	25.0	1	R/LAG551.31-160808-20	16	8.0	16.5	10	0.03	N151.3-200-20- 4G
			.335	*.984*			*.630*	*.315*	*.650*	*145*		
		16	3.5	20.0	1	R/LAG551.31-161603-20	16	16.0	11.5	10	0.03	N151.3-200-20- 4G
			.138	*.787*			*.630*	*.630*	*.453*	*145*		
	25	16	5.6	22.0	1	R/LAG551.31-161605-25	16	15.9	13.6	10	0.02	N151.3-265-25- 4G
			.220	*.866*			*.630*	*.626*	*.535*	*145*		
		20	11.6	32.0	1	R/LAG551.31-201011-25	20	9.9	21.6	10	0.04	N151.3-265-25- 4G
			.457	*1.260*			*.787*	*.390*	*.850*	*145*		
		20	4.6	25.0	1	R/LAG551.31-202004-25	20	19.9	14.6	10	0.04	N151.3-265-25- 4G
			.181	*.984*			*.787*	*.783*	*.575*	*145*		
	30	20	4.5	25.0	1	R/LAG551.31-202004-30	20	19.5	14.5	10	0.04	N151.3-300-30- 4G
			.177	*.984*			*.787*	*.768*	*.571*	*145*		
		25	14.5	40.0	1	R/LAG551.31-251214-30	25	12.0	27.0	10	0.06	N151.3-300-30- 4G
			.571	*1.575*			*.984*	*.472*	*1.063*	*145*		
		25	6.5	32.0	1	R/LAG551.31-252506-30	25	24.5	19.0	10	0.08	N151.3-300-30- 4G
			.256	*1.260*			*.984*	*.965*	*.748*	*145*		
	40	25	6.6	32.0	1	RAG551.31-252506-40	25	24.5	19.2	10	0.08	N151.3-400-40- 4G
			.260	*1.260*			*.984*	*.965*	*.754*	*145*		
		32	17.6	50.0	1	R/LAG551.31-321617-40	32	15.5	33.7	10	0.01	N151.3-400-40- 4G
			.693	*1.969*			*1.260*	*.610*	*1.325*	*145*		
		32	7.6	40.0	1	R/LAG551.31-323207-40	32	31.5	23.7	10	0.14	N151.3-400-40- 4G
			.299	*1.575*			*1.260*	*1.240*	*.931*	*145*		
	50	32	7.5	40.0	1	RAG551.31-323207-50	32	31.5	23.5	10	0.14	N151.3-500-50- 4G
			.295	*1.575*			*1.260*	*1.240*	*.925*	*145*		
		40	19.5	60.0	1	R/LAG551.31-402019-50	40	19.5	39.5	10	0.22	N151.3-500-50- 4G
			.768	*2.362*			*1.575*	*.768*	*1.555*	*145*		
		40	9.5	50.0	1	RAG551.31-404009-50	40	39.5	29.5	10	0.28	N151.3-500-50- 4G
			.374	*1.969*			*1.575*	*1.555*	*1.161*	*145*		

SSC = To correspond with SSC on insert.

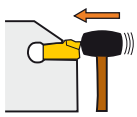
R = Right hand, L = Left hand

Accessories (to be ordered separately)



Insert key

5680 057-021



No pivot holes are provided in the T-Max Q-Cut® SL cutting heads (R/LAG 551.31) or the smaller MBS blades for parting or face grooving. For these items a small rubber hammer should be used to tap the insert into its final position. The tip of the yellow key should be used to extract the insert.

B118 F2 H37 H28 H5 H2

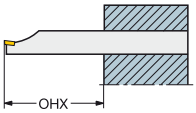
SANDVIK Coromant

T-Max® Q-Cut boring bar for grooving

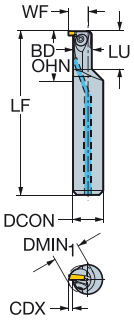
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

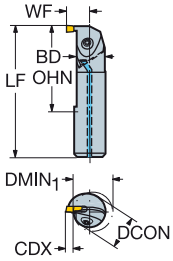




DSGN 1



2



Metric version

	SSC	CZC_{MS}	CDX	$DMIN_1$	LU	OHX	OHN	CNSC	DSGN	Ordering code	Dimensions DCON	LF	WF	BAR	NM	KG	MIID
	20	16	2.0	12.0	20.0	64.0	27.0	1	1	R/LAG151.32-16M12-20	16	150.0	10.0	10	2.5	0.22	N151.3-200-20- 4G
	25	16	4.0	15.0	20.0	64.0	27.0	1	1	R/LAG151.32-16M15-25	16	150.0	12.0	10	2.5	0.21	N151.3-265-25- 4G
	30	20	4.5	16.0		80.0	21.5	1	1	R/LAG151.32-20Q16-30	20	180.0	14.3	10	2.5	0.40	N151.3-300-30- 4G
	40	20	5.0	18.0		80.0	23.0	1	1	R/LAG151.32-20Q18-40	20	180.0	14.8	10	3.5	0.42	N151.3-400-40- 4G
	20	16	3.5	20.0		64.0	24.0	1	2	R/LAG151.32-16M-20	16	150.0	11.5	10	2.5	0.22	N151.3-200-20- 4G
		20	4.5	25.0		80.0	30.0	1	2	R/LAG151.32-20Q-20	20	180.0	14.5	10	2.5	0.42	N151.3-200-20- 4G
	25	16	3.5	20.0		64.0	24.2	1	2	R/LAG151.32-16M-25	16	150.0	11.6	10	3.0	0.21	N151.3-265-25- 4G
		20	4.6	25.0		80.0	30.0	1	2	R/LAG151.32-20Q-25	20	180.0	14.6	10	3.0	0.42	N151.3-265-25- 4G
		25	6.1	32.0		100.0	32.2	1	2	R/LAG151.32-25R-25	25	200.0	18.6	10	3.0	0.70	N151.3-265-25- 4G
	30	20	4.5	25.0		80.0	32.2	1	2	R/LAG151.32-20Q-30	20	180.0	14.5	10	3.5	0.41	N151.3-300-30- 4G
		25	6.0	32.0		100.0	30.0	1	2	R/LAG151.32-25R-30	25	200.0	18.5	10	3.5	0.70	N151.3-300-30- 4G
	40	25	6.1	32.0		100.0	32.2	1	2	R/LAG151.32-25R-40	25	200.0	18.5	10	4.5	0.69	N151.3-400-40- 4G

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts
Ordering code	Clamping screw
R/LAG151.32-16M12-20	5512 031-07
R/LAG151.32-16M-20	5512 031-03
R/LAG151.32-20Q-20	5512 031-03
R/LAG151.32-16M15-25	5512 031-04
R/LAG151.32-16M-25	5512 031-03
R/LAG151.32-20Q-25	5512 031-03
R/LAG151.32-25R-25	5512 031-03
R/LAG151.32-20Q16-30	5512 031-04
R/LAG151.32-20Q-30	5512 031-03
R/LAG151.32-25R-30	5512 031-03
R/LAG151.32-20Q18-40	5512 031-03
R/LAG151.32-25R-40	5512 031-03

For the complete list of spare parts, visit www.sandvik.coromant.com


B118


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G2



H37


H28



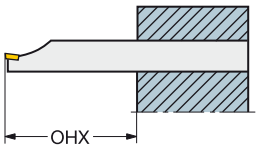
H5

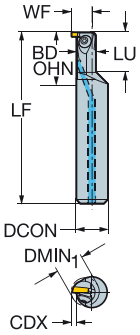
T-Max® Q-Cut boring bar for grooving

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply







Inch version

	SSC	CZC_{MS}	CDX	$DMIN_1$	LU	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	PSI	FT/LBS	LBS	MIID
	20	5/8	2.0	12.0	20.0	63.5	27.0	1	**RAG151.32-D10M47-20**	15	150.0	10.0	10	2.5	0.20	N151.3-200-20- 4G
	25	5/8	4.0	12.0	20.0	63.5	27.0	1	**R/LAG151.32-D10M59-25**	15	150.0	12.0	10	2.5	0.18	N151.3-265-25- 4G
		3/4	4.0	15.0	35.6	76.2	48.0	1	**R/LAG151.32-D12-M59-25**	19	152.4	11.5	10	2.2	0.28	N151.3-265-25- 4G
	30	3/4	4.8	16.0	21.5	76.2	31.0	1	**RAG151.32-D12Q63-30**	19	180.0	14.0	10	2.5	0.34	N151.3-300-30- 4G
	40	3/4	5.3	18.0	23.0	76.2	31.0	1	**RAG151.32-D12Q71-40**	19	180.0	14.5	10	3.0	0.30	N151.3-400-40- 4G

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

	Spare parts
SSC	CZC_{MS}	Clamping screw
20	5/8	5512 031-07
25	5/8-3/4	5512 031-04
30	3/4	5512 031-04
40	3/4	5512 031-03

For the complete list of spare parts, visit www.sandvik.coromant.com

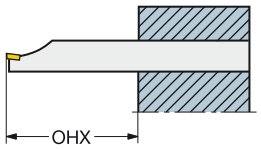
B118 F2 G2 H37 H28 H5

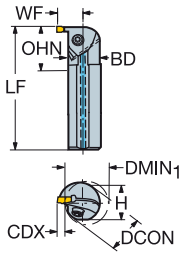
T-Max® Q-Cut boring bar for grooving

Screw clamp design

Cylindrical with flats - Internal coolant supply







Metric version

	SSC	CZC$_{MS}$	CDX	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions DCON	H	LF	WF	BAR	NM	KG	MIID
	25	32	7.1	40.0	128.0	36.3	1	R/LAG151.32-32S-25	32	30.0	250.0	23.1	10	3.0	1.41	N151.3-265-25- 4G
	30	32	7.0	40.0	128.0	36.2	1	R/LAG151.32-32S-30	32	30.0	250.0	23.0	10	3.5	1.43	N151.3-300-30- 4G
	40	32	7.1	40.0	128.0	36.3	1	R/LAG151.32-32S-40	32	30.0	250.0	23.1	10	4.5	1.42	N151.3-400-40- 4G
		40	8.1	50.0	160.0	42.3	1	R/LAG151.32-40T-40	40	37.0	300.0	28.1	10	4.5	2.64	N151.3-400-40- 4G
	50	32	7.0	40.0	128.0	36.3	1	RAG151.32-32S-50	32	30.0	250.0	23.0	10	5.0	1.45	N151.3-500-50- 4G
		40	8.0	50.0	160.0	42.3	1	RAG151.32-40T-50	40	37.0	300.0	28.0	10	5.0	2.69	N151.3-500-50- 4G

Inch version

	SSC	CZC$_{MS}$	CDX	DMIN$_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	PSI	FT/LBS	LBS	MIID
	20	5/8	3.5	20.0	63.5	24.1	1	RAG151.32-D10-20	15	14.2	152.4	11.5	10	1.9	0.21	N151.3-200-20- 4G
		3/4	4.5	25.0	76.2	30.0	1	RAG151.32-D12-20	19	18.0	177.8	14.5	10	1.9	0.38	N151.3-200-20- 4G
	25	5/8	3.5	20.0	63.5	24.1	1	R/LAG151.32-D10-25	15	14.2	152.4	11.6	10	2.2	0.18	N151.3-265-25- 4G
		3/4	4.6	25.0	76.2	30.0	1	R/LAG151.32-D12-25	19	18.0	177.8	14.6	10	2.2	0.37	N151.3-265-25- 4G
		1	6.1	32.0	101.6	32.3	1	RAG151.32-D16-25	25	23.1	203.2	18.6	10	2.2	0.67	N151.3-265-25- 4G
		1 1/4	7.1	40.0	127.0	36.3	1	RAG151.32-D20-25	31	30.0	254.0	23.1	10	2.2	1.43	N151.3-265-25- 4G
	30	3/4	4.5	25.0	76.2	30.0	1	R/LAG151.32-D12-30	19	18.0	177.8	14.5	10	2.6	0.37	N151.3-300-30- 4G
		1	6.0	32.0	101.6	32.3	1	RAG151.32-D16-30	25	23.1	203.2	18.5	10	2.6	0.67	N151.3-300-30- 4G
		1 1/4	7.0	40.0	127.0	36.3	1	RAG151.32-D20-30	31	30.0	254.0	23.0	10	2.6	1.42	N151.3-300-30- 4G
	40	1	6.1	32.0	101.6	32.3	1	RAG151.32-D16-40	25	23.1	203.2	18.6	10	3.3	0.64	N151.3-400-40- 4G
		1 1/4	7.1	40.0	127.0	36.3	1	RAG151.32-D20-40	31	30.0	254.0	23.1	10	3.3	1.49	N151.3-400-40- 4G
	50	1 1/4	7.0	40.0	127.0	36.3	1	RAG151.32-D20-50	31	30.0	254.0	23.0	10	3.7	1.50	N151.3-500-50- 4G

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

	Spare parts
Ordering code	Clamping screw
R/LAG151.32-D10-20	5512 031-03
R/LAG151.32-D12-20	5512 031-03
R/LAG151.32-D10-25	5512 031-03
R/LAG151.32-D12-25	5512 031-03
R/LAG151.32-D16-25	5512 031-03
R/LAG151.32-D20-25	5512 031-03
R/LAG151.32-32S-25	5512 031-03
R/LAG151.32-D12-30	5512 031-03
R/LAG151.32-D16-30	5512 031-03
R/LAG151.32-D20-30	5512 031-03
R/LAG151.32-32S-30	5512 031-03
R/LAG151.32-D16-40	5512 031-03
R/LAG151.32-D20-40	3212 012-359
R/LAG151.32-32S-40	3212 012-359
R/LAG151.32-40T-40	3212 012-359
R/LAG151.32-D20-50	3212 012-359
R/LAG151.32-32S-50	3212 012-359
R/LAG151.32-40T-50	3212 012-359

For the complete list of spare parts, visit www.sandvik.coromant.com


B118


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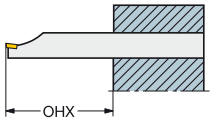


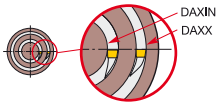
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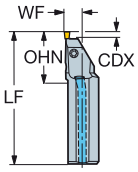
T-Max® Q-Cut boring bar for face grooving

Screw clamp design



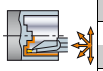








Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	Dimensions DCON	H	LF	WF	HF	BAR	NM	KG	MIID
	25	25	5.3	18.0	101.0	62.5	31.4	1	R/LAF151.37-25-024A25	25	23.0	200.0	12.8	0.1	10	3.0	0.62	N151.3-300-25- 7G
	30	25	5.3	16.0	101.0	62.5	31.4	1	R/LAF151.37-25-024A30	25	23.0	200.0	12.8	0.1	10	3.0	0.63	N151.3-400-30- 7G
		25	12.0	16.0	55.0	62.5	31.4	1	R/LAF151.37-25-025A30	25	23.0	200.0	12.8	0.1	10	3.5	0.62	N151.3-400-30- 7G
	50	40	6.3	23.0	400.0	100.0	50.0	1	R/LAF151.37-40-035A50	40	37.0	300.0	20.8	0.1	10	5.0	2.40	N151.3-600-50- 7G
		40	15.0	23.0	80.0	100.0	50.0	1	R/LAF151.37-40-036A50	40	37.0	300.0	20.8	0.1	10	5.0	2.37	N151.3-600-50- 7G

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Clamping screw
25	25	3212 012-257
30	25	3212 012-257
50	40	3212 012-359

For the complete list of spare parts, visit www.sandvik.coromant.com

B118 F2 G2 H37 H28 H5

SANDVIK Coromant

CoroThread® 266

For circlip grooving and other shallow grooves

Application

- Shallow grooving
- Circlip grooving
- Low to medium feeds



ISO application area:

P M K N S

Benefits and features

- High indexing repeatability
- Stable solution with low risk of vibrations
- Cost efficient solution with three cutting edges
- External and internal grooves
- Sharp cutting edges for high quality grooves
- Insert is easy to identify—groove width is imprinted on the insert

www.sandvik.coromant.com/corothread266

Inserts

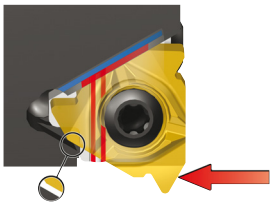
- Inserts in grade GC1135
- Positive geometry for low cutting force

Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads

Secure iLock™ clamping

The slotted insert sits rigidly on the T-rails in the pocket eliminating any insert movement caused by cutting force variations.



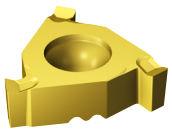
The inserts can be used in CoroThread 266 tool holders. For correct inclination angle, a 0° shim must be used.

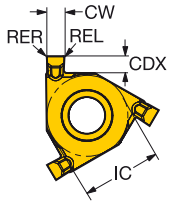


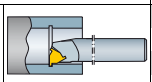
B132 B133 H28

CoroThread® 266 insert for grooving

For circlip grooving and machining in shallow grooves





			CW	REL	RER	CDX	Ordering code	P 1135	M 1135	K 1135	N 1135	S 1135	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
								Dimensions, mm, inch									
Medium		16	1.10	0.08	0.08	1.3	254R/LG-16CC01-110	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.043	.003	.003	.051								.0020	.0051	-.0032	.0008
			1.30	0.08	0.08	1.6	254R/LG-16CC01-130	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.051	.003	.003	.063								.0020	.0051	-.0032	.0008
			1.60	0.08	0.08	1.9	254R/LG-16CC01-160	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.063	.003	.003	.073								.0020	.0051	-.0032	.0008
			1.85	0.08	0.08	1.9	254R/LG-16CC01-185	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.073	.003	.003	.073								.0020	.0051	-.0032	.0008
			2.15	0.08	0.08	1.9	254R/LG-16CC01-215	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.085	.003	.003	.073								.0020	.0051	-.0032	.0008
		22	2.15	0.08	0.08	2.2	254R/LG-22CC01-215	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.085	.003	.003	.087								.0020	.0051	-.0032	.0008
			2.65	0.15	0.15	2.2	254R/LG-22CC01-265	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.104	.006	.006	.087								.0020	.0051	-.0032	.0008
			3.15	0.15	0.15	2.2	254R/LG-22CC01-315	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.124	.006	.006	.087								.0020	.0051	-.0032	.0008
			4.15	0.15	0.15	2.6	254R/LG-22CC01-415	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.163	.006	.006	.102								.0020	.0051	-.0032	.0008

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

Note!
The right hand insert can be used in right hand external and left hand internal holders, and the left hand insert in left hand external and right hand internal holders.

When using CoroThread® 266 boring bars for these inserts, a shim giving an angle of inclination of 0° must be used, see page C100

B133 B162 B183 B182 H37

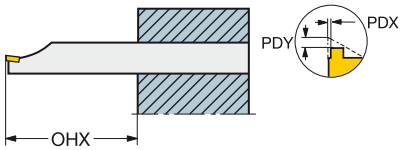
SANDVIK Coromant

CoroThread® 266 boring bar for grooving

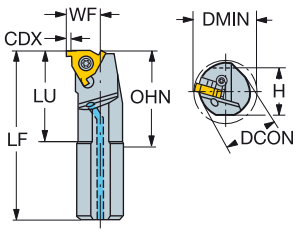
Screw clamp design dedicated for circlip grooves

Internal coolant supply

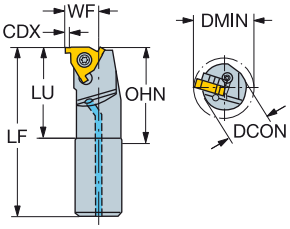




254R/LKF



254R/LKF-R







266R/LL,
254R/LG

Cylindrical

		CZC_{MS}	CDX	$DMIN_1$	LU	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	NM	KG	MIID
	16	16	1.3	20.0	27.0	48.0	27.0	1	**254R/LKF-16-16-R**	16	125.0	12.0	10	3.0	0.20	254RG-16CC..
			.051	*.787*	*1.063*	*1.890*	*1.063*			*.630*	*4.921*	*.472*	*145*			
	22	20	2.2	25.0	48.0	60.0	48.0	1	**254R/LKF-20-22-R**	20	141.0	15.0	10	5.0	0.32	254RG-22CC..
			.087	*.984*	*1.890*	*2.362*	*1.890*			*.787*	*5.551*	*.591*	*145*			

Cylindrical with flats

		CZC_{MS}	CDX	$DMIN_1$	LU	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch DCON	H	LF	WF	BAR PSI	NM	KG	MIID
	16	16	1.3	20.0	27.0	48.0	27.0	1	**254R/LKF-16-16**	16	15.0	201.0	12.0	10	3.0	0.30	254RG-16CC..
			.051	*.787*	*1.063*	*1.890*	*1.063*			*.630*	*.591*	*7.913*	*.472*	*145*			
	22	20	2.2	25.0	34.2	60.0	34.2	1	**254R/LKF-20-22**	20	18.0	251.0	15.0	10	5.0	0.53	254RG-22CC..
			.087	*.984*	*1.346*	*2.362*	*1.346*			*.787*	*.709*	*9.882*	*.591*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand



No shims used

For PDX/PDY values, see insert page.
For larger bar diameters, use bar type 266R/LKF with shim 0°.

When using CoroThread 266 circlip grooving inserts type 254R/LG, the right hand round shank tool uses a left hand insert and the left hand round shank tool uses a right hand

	Spare parts
CZC_{MS}	Screw
16	5513 020-02
22	5513 020-07

For the complete list of spare parts, visit www.sandvik.coromant.com

B132 F2 G2 H37 H5

Top Lok®

Grooving, profiling and threading operations

B

Application

- Grooving
- Profiling
- Threading



C

ISO application area:

P M K N S O

D

Benefits and features

- Multiply operations with the same holder by simply changing the insert
- Double-ended inserts provide high edge security
- Interchangeable with similar clamping systems by changing the top clamp and screw

E

www.sandvik.coromant.com/toplok

Inserts

F

- Double-ended and precision ground inserts
- Available in universal grade GC1125
- Tailor Made inserts available

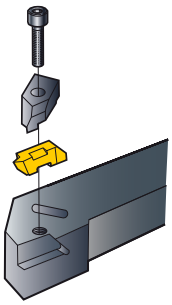
Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads

Clamping system

G

The flexible Top-Lok® clamping system locks the insert against both the back and side of the pocket, while at the same time, pulling the insert down into the pocket. This provides for clamping integrity axially and radially.



H

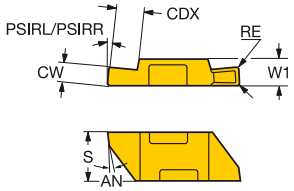
B135 B142 B139 H28

SANDVIK Coromant

Top Lok® insert for grooving

Neutral rake – Flat top





SSC	CW	S	REL	RER	W1	CDX	PSIRL	PSIRR	Ordering code	P 1125	P 2135	P 3020	M 1125	M 2135	K 1125	K 3020	N 1125	N H13A	Dimensions, mm, inch AN	CWTOLL	CWTOLU	RETOLL
2	0.79	5.56	0.09	0.09	3.81	1.3	4.0°		TLG-2031R/L	★	☆		☆	★	★		☆	★	10°	-0.025	0.025	-0.064
	.031	*.219*	*.004*	*.004*	*.150*	*.050*														*-.0010*	*.0010*	*-.0025*
	1.04	5.56	0.09	0.09	3.81	1.3	4.0°		TLG-2041R/L	★			★		★		★		10°	-0.025	0.025	
	.041	*.219*	*.004*	*.004*	*.150*	*.050*														*-.0010*	*.0010*	
	1.19	5.56	0.09	0.09	3.81	1.3	4.0°		TLG-2047R/L	★			★		★		☆	★	10°	-0.025	0.025	
	.047	*.219*	*.004*	*.004*	*.150*	*.050*														*-.0010*	*.0010*	
	1.47	5.56	0.19	0.19	3.81	1.3	4.0°		TLG-2058R/L	★			★		★		★		10°	-0.025	0.025	
	.058	*.219*	*.008*	*.008*	*.150*	*.050*														*-.0010*	*.0010*	
	1.57	5.56	0.19	0.19	3.81	2.8	4.0°		TLG-2062R/L	★	☆		☆	★	★		☆	★	10°	-0.025	0.025	
	.062	*.219*	*.008*	*.008*	*.150*	*.110*														*-.0010*	*.0010*	
	2.39	5.56	0.19	0.19	3.81	2.8	4.0°		TLG-2094R/L	★			★		★		☆	★	10°	-0.025	0.025	
	.094	*.219*	*.008*	*.008*	*.150*	*.110*														*-.0010*	*.0010*	
	3.18	5.56	0.19	0.19	3.81	2.8	4.0°		TLG-2125R/L	★	☆		★	★	★		☆	★	10°	-0.025	0.025	
	.125	*.219*	*.008*	*.008*	*.150*	*.110*														*-.0010*	*.0010*	
3	1.19	8.74	0.19	0.19	4.95	1.9	4.0°		TLG-3047R/L	★	☆		☆	★	★		☆	★	10°	-0.025	0.025	
	.047	*.344*	*.008*	*.008*	*.195*	*.075*														*-.0010*	*.0010*	
	1.57	8.74	0.19	0.19	4.95	2.4	4.0°		TLG-3062R/L	★	☆	☆	☆	★	★	☆	☆	★	10°	-0.025	0.025	
	.062	*.344*	*.008*	*.008*	*.195*	*.094*														*-.0010*	*.0010*	
	1.83	8.74	0.19	0.19	4.95	2.4	4.0°		TLG-3072R/L	★			★		★		★		10°	-0.025	0.025	
	.072	*.344*	*.008*	*.008*	*.195*	*.094*														*-.0010*	*.0010*	
	1.98	8.74	0.19	0.19	4.95	2.4	4.0°		TLG-3078R/L	★	☆		☆	★	★		★		10°	-0.025	0.025	
	.078	*.344*	*.008*	*.008*	*.195*	*.094*														*-.0010*	*.0010*	
	2.24	8.74	0.19	0.19	4.95	2.4	4.0°		TLG-3088R/L	★			★		★		★		10°	-0.025	0.025	
	.088	*.344*	*.008*	*.008*	*.195*	*.094*														*-.0010*	*.0010*	
	2.39	8.74	0.19	0.19	4.95	3.8	4.0°		TLG-3094R/L	★	☆		☆	★	★		☆	★	10°	-0.025	0.025	
	.094	*.344*	*.008*	*.008*	*.195*	*.150*														*-.0010*	*.0010*	
	2.46	8.74	0.32	0.32	4.95	3.8	4.0°		TLG-3097R/L	★			★		★		★		10°	-0.025	0.025	
	.097	*.344*	*.012*	*.012*	*.195*	*.150*														*-.0010*	*.0010*	
	2.67	8.74	0.19	0.19	4.95	3.8	4.0°		TLG-3105R/L	★			★		★		☆	★	10°	-0.025	0.025	
	.105	*.344*	*.008*	*.008*	*.195*	*.150*														*-.0010*	*.0010*	
	2.79	8.74	0.32	0.32	4.95	3.8	4.0°		TLG-3110R/L	★			★		★		★		10°	-0.025	0.025	
	.110	*.344*	*.012*	*.012*	*.195*	*.150*														*-.0010*	*.0010*	
	3.10	8.74	0.19	0.19	4.95	3.8	4.0°		TLG-3122R/L	★			★		★		★		10°	-0.025	0.025	
	.122	*.344*	*.008*	*.008*	*.195*	*.150*														*-.0010*	*.0010*	
	3.18	8.74	0.19	0.19	4.95	3.8	4.0°		TLG-3125R/L	★	☆	☆	☆	★	★	☆	☆	★	10°	-0.025	0.025	
	.125	*.344*	*.008*	*.008*	*.195*	*.150*														*-.0010*	*.0010*	
	3.61	8.74	0.32	0.32	4.95	3.8	4.0°		TLG-3142R/L	★	☆		☆	★	★		★		10°	-0.025	0.025	
	.142	*.344*	*.012*	*.012*	*.195*	*.150*														*-.0010*	*.0010*	
	3.96	8.74	0.19	0.19	4.95	3.8	4.0°		TLG-3156R/L	★		☆	★		★	☆	☆	★	10°	-0.025	0.025	
	.156	*.344*	*.008*	*.008*	*.195*	*.150*														*-.0010*	*.0010*	
	4.52	8.74	0.19	0.19	4.95	3.8	4.0°		TLG-3178L	★			★		★		★		10°	-0.025	0.025	
	.178	*.344*	*.008*	*.008*	*.195*	*.150*														*-.0010*	*.0010*	
	4.70	8.74	0.57	0.57	4.95	3.8	4.0°		TLG-3185L	★			★		★		★		10°	-0.025	0.025	
	.185	*.344*	*.023*	*.023*	*.195*	*.150*														*-.0010*	*.0010*	
	4.80	8.74	0.57	0.57	4.95	3.8	4.0°		TLG-3189R/L	★		☆	★		★	☆	★		10°	-0.025	0.025	
	.189	*.344*	*.023*	*.023*	*.195*	*.150*														*-.0010*	*.0010*	
4	3.18	11.51	0.19	0.19	6.48	3.8	4.0°		TLG-4125R/L	★			★		★		★		10°	-0.025	0.025	
	.125	*.453*	*.008*	*.008*	*.255*	*.150*														*-.0010*	*.0010*	
	4.80	11.51	0.57	0.57	6.48	6.4	4.0°		TLG-4189R/L	★		☆	★		★	☆	☆	★	10°	-0.025	0.025	
	.189	*.453*	*.023*	*.023*	*.255*	*.250*														*-.0010*	*.0010*	
	6.35	11.51	0.57	0.57	6.48	6.4	4.0°		TLG-4250R/L	★	☆	☆	☆	★	★	☆	☆	★	10°	-0.025	0.025	
	.250	*.453*	*.023*	*.023*	*.255*	*.250*														*-.0010*	*.0010*	
	5.41	11.51	0.19	0.19	6.48	6.4		4.0°	TLG-4213R	★			★		★		★		10°	-0.025	0.025	
	.213	*.453*	*.008*	*.008*	*.255*	*.250*														*-.0010*	*.0010*	

SSC = To correspond with SSC on holder.

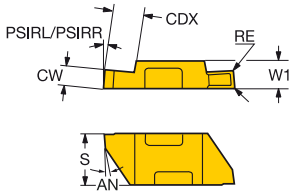
R = Right hand, L = Left hand

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Top Lok® insert for grooving

Positive rake – Chip breaker





SSC	CW	S	REL	RER	W1	CDX	PSIRL	PSIRR	Ordering code	P 1125	P 2135	M 1125	M 2135	K 1125	N 1125	N H13A	AN	CWTOLL	CWTOLU
										Dimensions, mm, inch									
2	0.79	5.56	0.09	0.09	3.81	1.3	4.0°		TLGP-2031R/L	★	☆	☆	★	★	☆	★	10°	-0.025	0.025
	.031	.219	.004	.004	.150	.050												-.0010	.0010
	1.04	5.56	0.09	0.09	3.81	1.3	4.0°		TLGP-2041R/L	★		★		★	★		10°	-0.025	0.025
	.041	.219	.004	.004	.150	.050												-.0010	.0010
	1.19	5.56	0.09	0.09	3.81	1.3	4.0°		TLGP-2047R/L	★		★		★	★		10°	-0.025	0.025
	.047	.219	.004	.004	.150	.050												-.0010	.0010
	1.47	5.56	0.19	0.19	3.81	1.3	4.0°		TLGP-2058R/L	★		★		★	★		10°	-0.025	0.025
	.058	.219	.008	.008	.150	.050												-.0010	.0010
	1.57	5.56	0.19	0.19	3.81	2.8	4.0°		TLGP-2062R/L	★	☆	☆	★	★	☆	★	10°	-0.025	0.025
	.062	.219	.008	.008	.150	.110												-.0010	.0010
	2.39	5.56	0.19	0.19	3.81	2.8	4.0°		TLGP-2094R/L	★		★		★	★		10°	-0.025	0.025
	.094	.219	.008	.008	.150	.110												-.0010	.0010
	3.18	5.56	0.19	0.19	3.81	2.8	4.0°		TLGP-2125R/L	★		★		★	★		10°	-0.025	0.025
	.125	.219	.008	.008	.150	.110												-.0010	.0010
3	1.19	8.74	0.19	0.19	4.95	1.9	4.0°		TLGP-3047R/L	★	☆	☆	★	★	★		10°	-0.025	0.025
	.047	.344	.008	.008	.195	.075												-.0010	.0010
	1.57	8.74	0.19	0.19	4.95	2.4	4.0°		TLGP-3062R/L	★	☆	☆	★	★	★		10°	-0.025	0.025
	.062	.344	.008	.008	.195	.094												-.0010	.0010
	1.83	8.74	0.19	0.19	4.95	2.4	4.0°		TLGP-3072R/L	★		★		★	★		10°	-0.025	0.025
	.072	.344	.008	.008	.195	.094												-.0010	.0010
	1.98	8.74	0.19	0.19	4.95	2.4	4.0°		TLGP-3078R/L	★		★		★	★		10°	-0.025	0.025
	.078	.344	.008	.008	.195	.094												-.0010	.0010
	2.24	8.74	0.19	0.19	4.95	2.4	4.0°		TLGP-3088R/L	★		★		★	★		10°	-0.025	0.025
	.088	.344	.008	.008	.195	.094												-.0010	.0010
	2.39	8.74	0.19	0.19	4.95	3.8	4.0°		TLGP-3094R/L	★	☆	☆	★	★	★		10°	-0.025	0.025
	.094	.344	.008	.008	.195	.150												-.0010	.0010
	2.79	8.74	0.32	0.32	4.95	3.8	4.0°		TLGP-3110R/L	★		★		★	★		10°	-0.025	0.025
	.110	.344	.012	.012	.195	.150												-.0010	.0010
	3.18	8.74	0.19	0.19	4.95	3.8	4.0°		TLGP-3125R/L	★	☆	☆	★	★	☆	★	10°	-0.025	0.025
	.125	.344	.008	.008	.195	.150												-.0010	.0010
	3.61	8.74	0.32	0.32	4.95	3.8	4.0°		TLGP-3142R/L	★	☆	☆	★	★	★		10°	-0.025	0.025
	.142	.344	.012	.012	.195	.150												-.0010	.0010
	3.96	8.74	0.19	0.19	4.95	3.8	4.0°		TLGP-3156R/L	★		★		★	★		10°	-0.025	0.025
	.156	.344	.008	.008	.195	.150												-.0010	.0010
	4.80	8.74	0.57	0.57	4.95	3.8	4.0°		TLGP-3189R/L	★		★		★	★		10°	-0.025	0.025
	.189	.344	.023	.023	.195	.150												-.0010	.0010
4	3.18	11.51	0.19	0.19	6.48	3.8	4.0°		TLGP-4125R/L	★		★		★	★		10°	-0.025	0.025
	.125	.453	.008	.008	.255	.150												-.0010	.0010
	4.80	11.51	0.57	0.57	6.48	6.4	4.0°		TLGP-4189R/L	★		★		★	★		10°	-0.025	0.025
	.189	.453	.023	.023	.255	.250												-.0010	.0010
	6.35	11.51	0.57	0.57	6.48	6.4	4.0°		TLGP-4250R/L	★		★		★	★		10°	-0.025	0.025
	.250	.453	.023	.023	.255	.250												-.0010	.0010
3	2.46	8.74	0.32	0.32	4.95	3.8		4.0°	TLGP-3097R	★		★		★	★		10°	-0.025	0.025
	.097	.344	.012	.012	.195	.150												-.0010	.0010
	2.67	8.74	0.19	0.19	4.95	3.8		4.0°	TLGP-3105R	★		★		★	★		10°	-0.025	0.025
	.105	.344	.008	.008	.195	.150												-.0010	.0010
	3.10	8.74	0.19	0.19	4.95	3.8		4.0°	TLGP-3122R	★		★		★	★		10°	-0.025	0.025
	.122	.344	.008	.008	.195	.150												-.0010	.0010
	4.52	8.74	0.19	0.19	4.95	3.8		4.0°	TLGP-3178R	★		★		★	★		10°	-0.025	0.025
	.178	.344	.008	.008	.195	.150												-.0010	.0010
	4.70	8.74	0.57	0.57	4.95	3.8		4.0°	TLGP-3185R	★		★		★	★		10°	-0.025	0.025
	.185	.344	.023	.023	.195	.150												-.0010	.0010

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

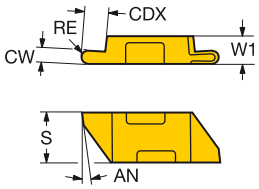
B139 B142 B162 B183 H37 H28

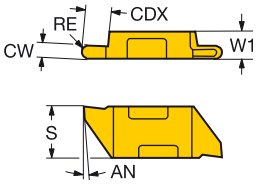
SANDVIK Coromant

Top Lok® insert for profiling

Neutral rake – Flat top







SSC	CW	S	RE	W1	CDX	APMX	Ordering code	P	M	K	N		Dimensions, mm, inch				
								1125	1125	1125	1125	H13A	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
3	1.57	8.74	0.79	4.95	2.4	2.4	TLR-3031R/L	★	★	★	☆	★	10°	-0.025	0.025		
	.062	*.344*	*.031*	*.195*	*.094*	*.094*								*-.0010*	*.0010*		
	2.39	8.74	1.19	4.95	3.8	3.8	TLR-3047R/L	★	★	★	☆	★	10°	-0.025	0.025		
	.094	*.344*	*.047*	*.195*	*.150*	*.150*								*-.0010*	*.0010*		
	3.15	8.74	1.57	4.95	3.8	3.8	TLR-3062R/L	★	★	★	☆	★	10°	-0.025	0.025		
	.124	*.344*	*.062*	*.195*	*.150*	*.150*								*-.0010*	*.0010*		
	3.96	8.74	1.98	4.95	3.8	3.8	TLR-3078R/L	★	★	★	★		10°	-0.025	0.025		
	.156	*.344*	*.078*	*.195*	*.150*	*.150*								*-.0010*	*.0010*		
	4.78	8.74	2.39	4.95	3.8	3.8	TLR-3094R/L	★	★	★	☆	★	10°	-0.025	0.025		
	.188	*.344*	*.094*	*.195*	*.150*	*.150*								*-.0010*	*.0010*		
	1.57	8.74	0.79	4.95	2.4	2.4	TLRP-3031R/L	★	★	★	★		10°	-0.025	0.025		
	.062	*.344*	*.031*	*.195*	*.094*	*.094*								*-.0010*	*.0010*		
	2.39	8.74	1.19	4.95	3.8	3.8	TLRP-3047R/L	★	★	★	★		10°	-0.025	0.025		
	.094	*.344*	*.047*	*.195*	*.150*	*.150*								*-.0010*	*.0010*		
	3.15	8.74	1.57	4.95	3.8	3.8	TLRP-3062R/L	★	★	★	★		10°	-0.025	0.025		
	.124	*.344*	*.062*	*.195*	*.150*	*.150*								*-.0010*	*.0010*		
	3.96	8.74	1.98	4.95	3.8	3.8	TLRP-3078R/L	★	★	★	★		10°	-0.025	0.025	-0.050	0.050
	.156	*.344*	*.078*	*.195*	*.150*	*.150*								*-.0010*	*.0010*	*-.0020*	*.0020*
4	3.15	11.51	1.57	6.48	3.8	3.8	TLR-4062L					★	10°	-0.025	0.025		
	.124	*.453*	*.062*	*.255*	*.150*	*.150*								*-.0010*	*.0010*		
	6.35	11.51	3.18	6.48	6.4	6.4	TLR-4125R/L	★	★	★	☆		10°	-0.025	0.025		
	.250	*.453*	*.125*	*.255*	*.250*	*.250*								*-.0010*	*.0010*		
	6.35	11.51	3.18	6.48	6.4	6.4	TLRP-4125R/L	★	★	★	★		10°	-0.025	0.025	-0.050	0.050
	.250	*.453*	*.125*	*.255*	*.250*	*.250*								*-.0010*	*.0010*	*-.0020*	*.0020*
3	4.78	8.74	2.39	4.95	3.8	3.8	TLRP-3094R	★	★	★	★		10°	-0.025	0.025	-0.050	0.050
	.188	*.344*	*.094*	*.195*	*.150*	*.150*								*-.0010*	*.0010*	*-.0020*	*.0020*
4	4.78	11.51	2.39	6.48	6.4	6.4	TLR-4094R	★	★	★	☆		10°	-0.025	0.025		
	.188	*.453*	*.094*	*.255*	*.250*	*.250*								*-.0010*	*.0010*		

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

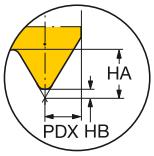
B139 B142 B162 B183 H37 H28

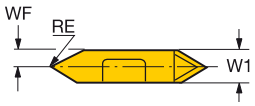
Top Lok® insert for thread turning

Neutral rake – Flat top

V-Profile 60°





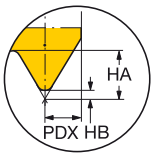




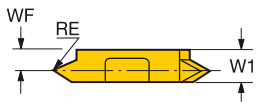
SSC	TPN	TPX	TPIN	TPIX	NT	Ordering code	P	M	K	N	S	Dimensions, mm, inch				
							1125	1125	1125	1125	1125	RE	W1	S	HA	PDX
2	0.7	3.5	7.0	36.0	1	TLT-2L	★	★	★	★	★	0.10	3.81	5.56	3.30	1.91
												.004	*.150*	*.219*	*.1299*	*.075*
	0.7	3.5	7.0	36.0	1	TLT-2R	★	★	★	★	★	0.10	3.81	5.56	3.30	1.91
												.004	*.150*	*.219*	*.1299*	*.075*
3	1.3	5.0	5.0	20.0	1	TLT-3L	★	★	★	★	★	0.10	4.95	8.74	4.31	2.49
												.004	*.195*	*.344*	*.1697*	*.098*
	1.3	5.0	5.0	20.0	1	TLT-3R	★	★	★	★	★	0.10	4.95	8.74	4.31	2.49
												.004	*.195*	*.344*	*.1697*	*.098*
4	1.3	6.3	4.0	20.0	1	TLT-4R	★	★	★	★	★	0.17	6.48	11.51	4.98	3.25
												.006	*.255*	*.453*	*.1960*	*.128*

V-Profile 60°



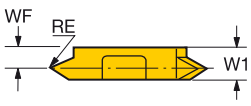


TLTF



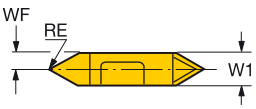


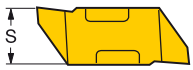
TLTK





TLTP





SSC	TPN	TPX	TPIN	TPIX	NT	Ordering code	P	M	K	N		S		O	Dimensions, mm, inch				
							1125	1125	1125	1125	H13A	1125	H13A	H13A	RE	W1	S	HA	PDX
2	0.6	2.0	12.0	44.0	1	TLTF-2R/L	★	★	★	★		★			0.08	3.81	5.56	1.58	2.79
															.003	*.150*	*.219*	*.0620*	*.110*
	0.6	2.0	12.0	44.0	1	TLTK-2R/L	★	★	★	★		★			0.08	3.81	5.56	1.58	2.79
															.003	*.150*	*.219*	*.0620*	*.110*
	0.7	3.5	7.0	36.0	1	TLTP-2R/L	★	★	★	★	★	★	☆	★	0.10	3.81	5.56	2.87	1.91
															.004	*.150*	*.219*	*.1130*	*.075*
3	0.6	2.5	9.0	44.0	1	TLTF-3R/L	★	★	★	★		★			0.08	4.95	8.74	2.11	3.58
															.003	*.195*	*.344*	*.0830*	*.141*
	0.6	2.5	9.0	44.0	1	TLTK-3R/L	★	★	★	★		★			0.08	4.95	8.74	2.11	3.58
															.003	*.195*	*.344*	*.0830*	*.141*
	1.3	5.0	5.0	36.0	1	TLTP-3004R/L	★	★	★	★		★			0.17	4.95	8.74	3.76	2.49
															.006	*.195*	*.344*	*.1480*	*.098*
	1.3	5.0	5.0	20.0	1	TLTP-3R/L	★	★	★	★	★	★	☆	★	0.17	4.95	8.74	3.76	2.49
															.006	*.195*	*.344*	*.1480*	*.098*
4	1.3	6.3	4.0	20.0	1	TLTP-4R/L	★	★	★	★		★			0.10	6.48	11.51	4.98	3.25
															.004	*.255*	*.453*	*.1961*	*.128*

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

Note: inserts in grade H13A have a sharp cutting edge without ER treatment.

B139 B142 B162 B183 H37 H28

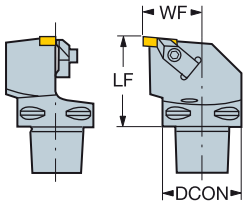
SANDVIK Coromant

Top Lok® cutting unit for parting and grooving

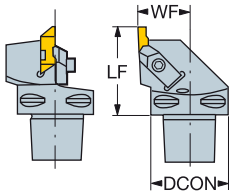
Internal coolant supply

Cx-TLER/L





Cx-TLSR/L



SSC	CZC_{MS}	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	KG	MIID
3	C4	3	**C4-TLER/L-27050-3**	40	50.0	27.0	10	0.40	TLG-3189R
				1.575	*1.969*	*1.063*	*145*		
	C5	3	**C5-TLER/L-35060-3**	50	60.0	35.0	10	0.89	TLG-3189R
				1.969	*2.362*	*1.378*	*145*		
	C6	3	**C6-TLER-45065-3**	63	65.0	45.0	10	1.40	TLG-3189L
				2.480	*2.559*	*1.772*	*145*		
2	C4	3	**C4-TLSR/L-27050-2**	40	50.0	27.0	10	0.43	TLG-2125L
				1.575	*1.969*	*1.063*	*145*		
3	C4	3	**C4-TLSR/L-27050-3**	40	50.0	27.0	10	0.42	TLG-3189L
				1.575	*1.969*	*1.063*	*145*		
	C5	3	**C5-TLSR/L-35060-3**	50	60.0	35.0	10	0.80	TLG-3189L
				1.969	*2.362*	*1.378*	*145*		
	C6	3	**C6-TLSR/L-45065-3**	63	65.0	45.0	10	1.42	TLG-3189L
				2.480	*2.559*	*1.772*	*145*		
4	C4	3	**C4-TLSR-27055-4**	40	55.0	27.0	10	0.42	TLG-4250R
				1.575	*2.165*	*1.063*	*145*		
	C5	3	**C5-TLSR-35060-4**	50	60.0	35.0	10	0.74	TLG-4250R
				1.969	*2.362*	*1.378*	*145*		
	C6	3	**C6-TLSR/L-45065-4**	63	65.0	45.0	10	1.36	TLG-4250L
				2.480	*2.559*	*1.772*	*145*		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

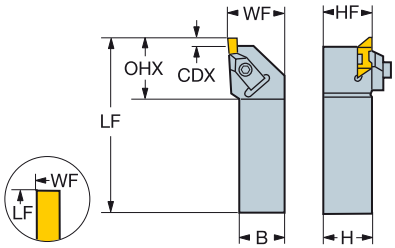
		Spare parts		
SSC	CZC_{MS}	Clamp	Screw	Nozzle
2	C4	C2R	10440	5691 032-02
3	C4-C6	C3R	10090	5691 032-02
4	C4-C6	C4R	10090	5691 032-02

For the complete list of spare parts, visit www.sandvik.coromant.com

B135 F2 E3 G2 H37 H28 H5

Top Lok® shank tool for parting and grooving





Inch version

SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	LBS	MIID
2	3/8 x 3/8	.125	.880	**TLSR 62D-S**	.375	.375	6.000	.375	.264	TLG-2125R
	1/2 x 1/2	.125	.880	**TLSR 82D-S**	.500	.500	6.000	.500	.374	TLG-2125R
	1/2 x 1/2	.125	.880	**TLSR-82V**	.500	.500	3.500	.750	.264	TLG-2125R
	5/8 x 5/8	.125	.880	**TLSR 102D-S**	.625	.625	6.000	.625	.572	TLG-2125R
	5/8 x 5/8	.125	.880	**TLSR-102**	.625	.625	4.500	.750	.506	TLG-2125R
	3/4 x 3/4	.125	.880	**TLSR/L-122B**	.750	.750	4.500	1.000	.704	TLG-2125L
	1 x 1	.125	1.300	**TLSR/L-162C**	1.000	1.000	5.000	1.250	1.338	TLG-2125L
3	1/2 x 1/2	.180	.880	**TLSR 83D-S**	.500	.500	6.000	.500	.440	TLG-3189R
	5/8 x 5/8	.180	.880	**TLSR 103D-S**	.625	.625	6.000	.625	1.210	TLG-3189R
	3/4 x 3/4	.180	1.268	**TLSR/L-123B**	.750	.750	4.500	1.000	.759	TLG-3189L
	1 x 1	.180	1.300	**TLSR/L-163C**	1.000	1.000	5.000	1.250	1.452	TLG-3189L
	1 x 1	.180	1.300	**TLSR/L-163D**	1.000	1.000	6.000	1.250	1.760	TLG-3189L
	1 1/4 x 1	.180	1.300	**TLSR/L-203D**	1.250	1.250	6.000	1.500	2.552	TLG-3189L
4	1 x 1	.280	1.400	**TLSR/L-164D**	1.000	1.000	6.000	1.250	1.760	TLG-4250L
	1 x 1	.280	1.400	**TLSR-164C**	1.000	1.000	5.000	1.250	1.430	TLG-4250R
	1 1/4 x 1	.280	1.400	**TLSR-204D**	1.250	1.250	6.000	1.500	2.420	TLG-4250R

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts	
SSC	CZC_{MS}	Clamp	Screw
2	3/8 x 3/8	C2R-M	10440
2	1/2 x 1/2-1 x 1	C2R	10440
3	1/2 x 1/2-5/8 x 5/8	C3R-M	10090
3	3/4 x 3/4-1 1/4 x 1 1/4	C3R	10090
4	1 x 1-1 1/4 x 1 1/4	C4R	10090

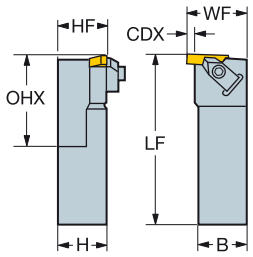
For the complete list of spare parts, visit www.sandvik.coromant.com

B135 F2 E3 H37 H28

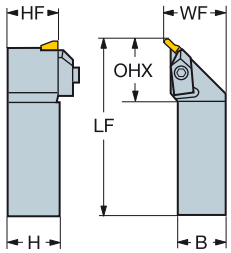
Top Lok® shank tool for parting and grooving



TLER/L



TLRR/L



Inch version

SSC	CZC_{MS}	CDX	RMPX	OHX	Ordering code	Dimensions, inch B	H	LF	WF	LBS	MIID
2	1/2 x 1/2	.125		1.000	**TLEL-82V**	.500	.500	3.500	.750	.264	TLG-2125R
	3/4 x 3/4	.125		1.000	**TLER-122B**	.750	.750	4.500	1.000	.704	TLG-2125L
	1 x 1	.125		2.000	**TLER-162C**	1.000	1.000	5.000	1.250	1.452	TLG-2125L
3	1 x 1	.180		2.000	**TLER/L-163C**	1.000	1.000	5.000	1.250	2.860	TLG-3189R
	1 x 1	.180		2.000	**TLER/L-163D**	1.000	1.000	6.000	1.250	1.760	TLG-3189R
	1 1/4 x 1	.180		2.000	**TLER-203D**	1.250	1.250	6.000	1.500	2.508	TLG-3189L
4	1 x 1	.280		2.000	**TLER-164D**	1.000	1.000	6.000	1.375	1.760	TLG-4250L
3	1 x 1	.189	45°	1.250	**TLRR/L-163D**	1.000	1.000	6.000	1.250	1.540	TLU 3

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

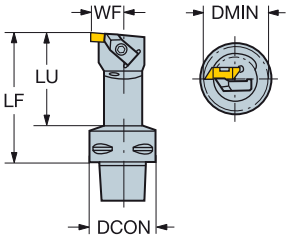
		Spare parts	
SSC	CZC_{MS}	Clamp	Screw
2	1/2 x 1/2	C2R	10440
2	3/4 x 3/4-1 x 1	C2L	10440
3	1 x 1-1 1/4 x 1 1/4	C3L	10090
4	1 x 1	C4L	10090

For the complete list of spare parts, visit www.sandvik.coromant.com

B135 F2 E3 H37 H28

Top Lok® cutting unit for parting and grooving





SSC	CZC_{MS}	CDX	$DMIN_1$	LU	OHX	Ordering code	Dimensions, mm, inch DCON	LF	WF	KG	MIID
3	C4	4.8	32.0	48.0	70.0	**C4-CTLHOR/L-17070-3**	40	70.0	17.0	0.42	TLG-3189R
		.189	*1.260*	*1.890*	*2.756*		*1.575*	*2.756*	*.669*		
	C5	4.8	40.1	68.1	90.0	**C5-CTLHOR/L-22090-3**	50	89.9	22.0	0.85	TLG-3189R
		.189	*1.580*	*2.680*	*3.543*		*1.969*	*3.540*	*.866*		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

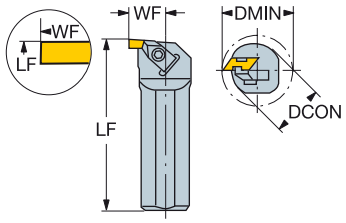
Spare parts	
Clamp	Screw
C3L	10090

For the complete list of spare parts, visit www.sandvik.coromant.com

B135 F2 E3 G2 H37 H28

Top Lok® boring bar for grooving





SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	Ordering code	Dimensions, mm, inch DCON	H	LF	WF	KG	MIID
2	5/8	2.8	25.4	39.7	26.8	SI-CTLHOR/L-05102	15	14.2	203.2	12.7	0.30	TLG-2125R
		.110	*1.000*	*1.562*	*1.054*		*.625*	*.560*	*8.000*	*.500*		
	3/4	2.8	28.6	48.8	35.8	SI-CTLHOR/L-06102	19	18.0	254.0	14.3	0.55	TLG-2125R
		.110	*1.125*	*1.919*	*1.408*		*.750*	*.710*	*10.000*	*.562*		
	1	2.8	34.9	63.5	53.7	SI-CTLHOR/L-08122	25	23.1	304.8	17.5	1.08	TLG-2125R
		.110	*1.375*	*2.500*	*2.115*		*1.000*	*.910*	*12.000*	*.688*		
3	1	4.8	35.0	63.5	53.5	SI-CTLHOR/L-08123	25	23.1	304.8	17.5	1.10	TLG-3189R
		.189	*1.376*	*2.500*	*2.107*		*1.000*	*.910*	*12.000*	*.688*		
	1 1/4	4.8	44.5	79.4	59.8	SI-CTLHOR/L-10143	31	30.0	355.6	22.2	2.10	TLG-3189R
		.189	*1.750*	*3.125*	*2.353*		*1.250*	*1.180*	*14.000*	*.875*		
	1 1/2	4.8	50.8	95.3	59.8	SI-CTLHOR/L-12143	38	37.1	355.0	25.4	2.88	TLG-3189R
		.189	*2.000*	*3.750*	*2.352*		*1.500*	*1.460*	*13.978*	*1.000*		
	2	4.8	63.5	127.0	69.3	SI-CTLHOR-16163	50	47.0	406.4	31.8	5.88	TLG-3189L
		.189	*2.500*	*5.000*	*2.726*		*2.000*	*1.850*	*16.000*	*1.250*		
4	1 3/4	6.4	63.5	111.1	62.8	SI-CTLHOR-14144	44	41.3	355.6	31.8	3.94	TLG-4250L
		.250	*2.500*	*4.375*	*2.473*		*1.750*	*1.625*	*14.000*	*1.250*		
	2	6.4	69.9	127.0	69.2	SI-CTLHOR-16164	50	47.0	406.4	34.9	5.91	TLG-4250L
		.250	*2.750*	*5.000*	*2.722*		*2.000*	*1.850*	*16.000*	*1.375*		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

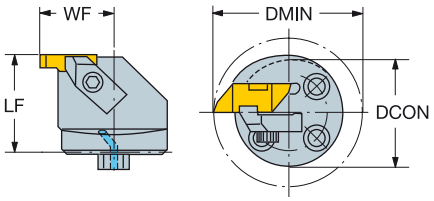
		Spare parts	
SSC	CZC_{MS}	Clamp	Screw
2	5/8-1	C2L	10440
3	1-2	C3L	10090
4	1 3/4-2	C4L	10090

For the complete list of spare parts, visit www.sandvik.coromant.com

B5 F2 G2 H37 H28

Top Lok® head for grooving





SSC	CZC_{MS}	CDX	Ordering code	Dimensions, mm, inch DCON	LF	WF	KG	MIID
2	20	2.8	570C-TLER-20-2	20	25.0	17.0	0.01	TLG-2125L
		.110		*.787*	*.984*	*.669*		
	25	2.8	570C-TLER-25-2	25	25.0	17.0	0.07	TLG-2125L
		.110		*.984*	*.984*	*.669*		
3	32	4.8	570C-TLER/L-32-3	32	34.0	22.0	0.14	TLG-3189R
		.189		*1.260*	*1.339*	*.866*		
	40	4.8	570C-TLER-40-3	40	40.0	28.0	0.24	TLG-3189L
		.189		*1.575*	*1.575*	*1.102*		
4	40	6.4	570C-TLER-40-4	40	40.0	28.0	0.25	TLG-4250L
		.250		*1.575*	*1.575*	*1.102*		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts
	Clamp
570C-TLER-20-2	C2L
570C-TLER-25-2	C2L
570C-TLER-32-3	C3L
570C-TLEL-32-3	C3R
570C-TLER-40-3	C4L
570C-TLER-40-4	C4L

For the complete list of spare parts, visit www.sandvik.coromant.com

B135 F2 H37 H28 H2

CoroTurn® XS

Internal turning, face grooving, and threading of small components

Application

- Internal turning
- Copying
- Back boring
- Profiling
- Grooving
- Face grooving
- Pre-parting
- Threading



ISO application area:

P M N S H O

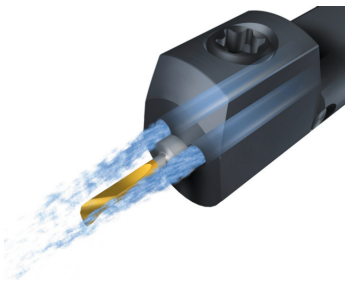
Benefits and features

- Optimized for machining small, high-quality features
- High precision and repeatability
- Reliable and easy-to-use clamping system
- Precision-ground tools for high repeatability
- Longer tool life by minimized micro-vibrations with cylindrical carbide shank adapters
- Clamping nut ensures easy change of cutting tool with cylindrical carbide shank adapters

www.sandvik.coromant.com/coroturnxs

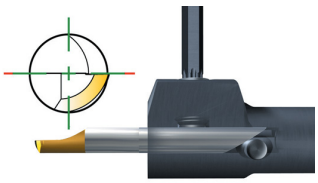
Internal coolant

- The adapters are designed with internal precision coolant supply.
- Selectable coolant direction for better chip evacuation and safe machining.



Locking precision

Precise location into the boring bar due to a locating pin.



Inserts

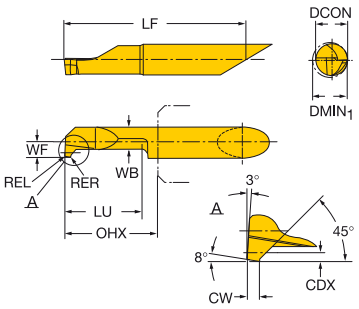
Turning	Back boring	Pre-parting	Grooving	Face grooving	Profiling	Threading
						
A325	A331	B146	B147	B152	B154	C83

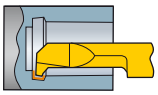
Adapters

Coromant Capto®	Rectangular shank	Cylindrical shank with flat
		
F28	F38	F46

CoroTurn® XS solid-carbide tool for pre-parting







CZC$_{MS}$	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm, inch DCON	WB	LF	WF
5	1.00	45°	45°	0.04	0.04	0.7	5.2	15.0	18.0	CXS-05GX100-5215R/L	★	★	★	★	★	5	3.8	37.3	2.5
	.039	*45°*	*45°*	*.002*	*.002*	*.028*	*.205*	*.591*	*.709*							*.197*	*.148*	*1.467*	*.096*
5	1.00	45°	45°	0.04	0.04	0.7	5.2	20.0	23.0	CXS-05GX100-5220R	★	★	★	★	★	5	3.8	42.3	2.5
	.039	*45°*	*45°*	*.002*	*.002*	*.028*	*.205*	*.787*	*.906*							*.197*	*.148*	*1.663*	*.096*
5	1.00	45°	45°	0.04	0.04	0.7	5.2	25.0	28.0	CXS-05GX100-5225R/L	★	★	★	★	★	5	3.8	47.3	2.5
	.039	*45°*	*45°*	*.002*	*.002*	*.028*	*.205*	*.984*	*1.102*							*.197*	*.148*	*1.860*	*.096*
5	1.00	45°	45°	0.04	0.04	0.7	5.2	30.0	33.0	CXS-05GX100-5230R	★	★	★	★	★	5	3.8	52.3	2.5
	.039	*45°*	*45°*	*.002*	*.002*	*.028*	*.205*	*1.181*	*1.299*							*.197*	*.148*	*2.057*	*.096*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand, L = Left hand

Tolerances:

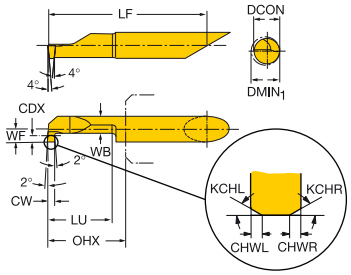
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"
CXS-xxGX	0.000	0.050	.0000	.0020

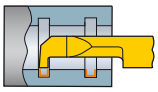
F2 B171 B183 H37 H22

SANDVIK Coromant

CoroTurn® XS solid-carbide tool for grooving





	CZC$_{MS}$	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	O 1025	Dimensions, mm, inch DCON	WB	LF	WF
	4	0.50	45°	45°	0.04	0.04	0.4	2.0	9.0	12.0	CXS-04G050-2009L	★	★	★	★		★	4	1.2	26.3	2.0
		.020	45°	45°	.002	.002	.016	.079	.354	.472								.157	.045	1.033	.077
	4	0.50	45°	45°	0.04	0.04	0.4	2.0	12.0	15.0	CXS-04G050-2012R/L	★	★	★	★		★	4	1.2	29.3	2.0
		.020	45°	45°	.002	.002	.016	.079	.472	.591								.157	.045	1.152	.077
	4	0.70	45°	45°	0.04	0.04	0.6	3.0	16.0	19.0	CXS-04G070-3016R/L	★	★	★	★		★	4	2.0	33.3	2.0
		.028	45°	45°	.002	.002	.024	.118	.630	.748								.157	.077	1.309	.077
	4	0.78	45°	45°	0.04	0.04	0.8	4.2	10.0	13.0	CXS-04G078-4210R	★	★	★	★		★	4	3.0	27.3	2.0
		.031	45°	45°	.002	.002	.031	.165	.394	.512								.157	.116	1.073	.077
	4	0.78	45°	45°	0.04	0.04	0.8	4.2	15.0	18.0	CXS-04G078-4215R/L	★	★	★	★		★	4	3.0	32.3	2.0
		.031	45°	45°	.002	.002	.031	.165	.591	.709								.157	.116	1.270	.077
	4	0.78	45°	45°	0.04	0.04	0.8	4.2	20.0	23.0	CXS-04G078-4220R/L	★	★	★	★		★	4	3.0	37.3	2.0
		.031	45°	45°	.002	.002	.031	.165	.787	.906								.157	.116	1.467	.077
	4	0.78	45°	45°	0.04	0.04	0.8	4.2	25.0	28.0	CXS-04G078-4225R/L	★	★	★	★		★	4	3.0	42.3	2.0
		.031	45°	45°	.002	.002	.031	.165	.984	1.102								.157	.116	1.663	.077
	4	1.00	45°	45°	0.04	0.04	0.8	4.2	10.0	13.0	CXS-04G100-4210R/L	★	★	★	★		★	4	3.0	27.3	2.0
		.039	45°	45°	.002	.002	.031	.165	.394	.512								.157	.116	1.073	.077
	4	1.00	45°	45°	0.04	0.04	0.8	4.2	15.0	18.0	CXS-04G100-4215R/L	★	★	★	★		★	4	3.0	32.3	2.0
		.039	45°	45°	.002	.002	.031	.165	.591	.709								.157	.116	1.270	.077
	4	1.00	45°	45°	0.04	0.04	0.8	4.2	20.0	23.0	CXS-04G100-4220R/L	★	★	★	★		★	4	3.0	37.3	2.0
		.039	45°	45°	.002	.002	.031	.165	.787	.906								.157	.116	1.467	.077
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G078-5210R	★	★	★	★		★	5	3.8	32.3	2.5
		.031	45°	45°	.002	.002	.039	.205	.394	.512								.197	.148	1.270	.096
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	15.0	18.0	CXS-05G078-5215R/L	★	★	★	★		★	5	3.8	37.3	2.5
		.031	45°	45°	.002	.002	.039	.205	.591	.709								.197	.148	1.467	.096
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G078-5220R/L	★	★	★	★		★	5	3.8	42.3	2.5
		.031	45°	45°	.002	.002	.039	.205	.787	.906								.197	.148	1.663	.096
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G078-5225R/L	★	★	★	★		★	5	3.8	47.3	2.5
		.031	45°	45°	.002	.002	.039	.205	.984	1.102								.197	.148	1.860	.096
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G078-5230R/L	★	★	★	★		★	5	3.8	52.3	2.5
		.031	45°	45°	.002	.002	.039	.205	1.181	1.299								.197	.148	2.057	.096
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	35.0	38.0	CXS-05G078-5235R/L	★	★	★	★		★	5	3.8	57.3	2.5
		.031	45°	45°	.002	.002	.039	.205	1.378	1.496								.197	.148	2.254	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G100-5210R	★	★	★	★		★	5	3.8	32.3	2.5
		.039	45°	45°	.002	.002	.039	.205	.394	.512								.197	.148	1.270	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G100-5220R/L	★	★	★	★		★	5	3.8	42.3	2.5
		.039	45°	45°	.002	.002	.039	.205	.787	.906								.197	.148	1.663	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G100-5225L	★	★	★	★		★	5	3.8	47.3	2.5
		.039	45°	45°	.002	.002	.039	.205	.984	1.102								.197	.148	1.860	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G100-5230R/L	★	★	★	★		★	5	3.8	52.3	2.5
		.039	45°	45°	.002	.002	.039	.205	1.181	1.299								.197	.148	2.057	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	35.0	38.0	CXS-05G100-5235R/L	★	★	★	★		★	5	3.8	57.3	2.5
		.039	45°	45°	.002	.002	.039	.205	1.378	1.496								.197	.148	2.254	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G117-5210R/L	★	★	★	★		★	5	3.8	32.3	2.5
		.046	45°	45°	.002	.002	.039	.205	.394	.512								.197	.148	1.270	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	15.0	18.0	CXS-05G117-5215R/L	★	★	★	★		★	5	3.8	37.3	2.5
		.046	45°	45°	.002	.002	.039	.205	.591	.709								.197	.148	1.467	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G117-5220R/L	★	★	★	★		★	5	3.8	42.3	2.5
		.046	45°	45°	.002	.002	.039	.205	.787	.906								.197	.148	1.663	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G117-5225R/L	★	★	★	★		★	5	3.8	47.3	2.5
		.046	45°	45°	.002	.002	.039	.205	.984	1.102								.197	.148	1.860	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G117-5230L	★	★	★	★		★	5	3.8	52.3	2.5
		.046	45°	45°	.002	.002	.039	.205	1.181	1.299								.197	.148	2.057	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	35.0	38.0	CXS-05G117-5235R/L	★	★	★	★		★	5	3.8	57.3	2.5
		.046	45°	45°	.002	.002	.039	.205	1.378	1.496								.197	.148	2.254	.096

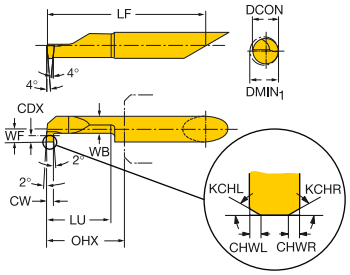
CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

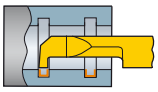
R = Right hand, L = Left hand

F2 B171 B183 H37 H22

CoroTurn® XS solid-carbide tool for grooving





	CZC$_{MS}$	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN$_1$	LU	OHX	Ordering code	P	M	N	S	H	O	Dimensions, mm, inch DCON	WB	LF	WF
												1025	1025	1025	1025	7015	1025				
	5	1.50	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G150-5210R/L	★	★	★	★		★	5	3.8	32.3	2.5
		.059	45°	45°	.002	.002	.039	.205	.394	.512								.197	.148	1.270	.096
	5	1.50	45°	45°	0.04	0.04	1.0	5.2	15.0	18.0	CXS-05G150-5215R/L	★	★	★	★		★	5	3.8	37.3	2.5
		.059	45°	45°	.002	.002	.039	.205	.591	.709								.197	.148	1.467	.096
	5	1.50	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G150-5220R	★	★	★	★		★	5	3.8	42.3	2.5
		.059	45°	45°	.002	.002	.039	.205	.787	.906								.197	.148	1.663	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G150-5225L	★	★	★	★		★	5	3.8	47.3	2.5
		.039	45°	45°	.002	.002	.039	.205	.984	1.102								.197	.148	1.860	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G150-5230R/L	★	★	★	★		★	5	3.8	52.3	2.5
		.039	45°	45°	.002	.002	.039	.205	1.181	1.299								.197	.148	2.057	.096
	5	1.50	45°	45°	0.04	0.04	1.0	5.2	35.0	38.0	CXS-05G150-5235R/L	★	★	★	★		★	5	3.8	57.3	2.5
		.059	45°	45°	.002	.002	.039	.205	1.378	1.496								.197	.148	2.254	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G157-5210L	★	★	★	★		★	5	3.8	32.3	2.5
		.062	45°	45°	.002	.002	.039	.205	.394	.512								.197	.148	1.270	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	15.0	13.0	CXS-05G157-5215R/L	★	★	★	★		★	5	3.8	32.3	2.5
		.062	45°	45°	.002	.002	.039	.205	.591	.512								.197	.148	1.270	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G157-5220R/L	★	★	★	★		★	5	3.8	42.3	2.5
		.062	45°	45°	.002	.002	.039	.205	.787	.906								.197	.148	1.663	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G157-5225R/L	★	★	★	★		★	5	3.8	47.3	2.5
		.062	45°	45°	.002	.002	.039	.205	.984	1.102								.197	.148	1.860	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G157-5230R/L	★	★	★	★		★	5	3.8	52.3	2.5
		.062	45°	45°	.002	.002	.039	.205	1.181	1.299								.197	.148	2.057	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G198-5210L	★	★	★	★		★	5	3.8	32.3	2.5
		.062	45°	45°	.002	.002	.039	.205	.394	.512								.197	.148	1.270	.096
	5	1.98	45°	45°	0.04	0.04	1.0	5.2	15.0	18.0	CXS-05G198-5215R/L	★	★	★	★		★	5	3.8	37.3	2.5
		.078	45°	45°	.002	.002	.039	.205	.591	.709								.197	.148	1.467	.096
	5	1.98	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G198-5220L	★	★	★	★		★	5	3.8	42.3	2.5
		.078	45°	45°	.002	.002	.039	.205	.787	.906								.197	.148	1.663	.096
	5	1.98	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G198-5225R/L	★	★	★	★		★	5	3.8	47.3	2.5
		.078	45°	45°	.002	.002	.039	.205	.984	1.102								.197	.148	1.860	.096
	5	1.98	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G198-5230R/L	★	★	★	★		★	5	3.8	52.3	2.5
		.078	45°	45°	.002	.002	.039	.205	1.181	1.299								.197	.148	2.057	.096
	5	2.00	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G200-5210R	★	★	★	★		★	5	3.8	32.3	2.5
		.079	45°	45°	.002	.002	.039	.205	.394	.512								.197	.148	1.270	.096
	5	2.00	45°	45°	0.04	0.04	1.0	5.2	15.0	18.0	CXS-05G200-5215L	★	★	★	★		★	5	3.8	37.3	2.5
		.079	45°	45°	.002	.002	.039	.205	.591	.709								.197	.148	1.467	.096
	5	2.00	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G200-5220R/L	★	★	★	★		★	5	3.8	42.3	2.5
		.079	45°	45°	.002	.002	.039	.205	.787	.906								.197	.148	1.663	.096
	5	2.00	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G200-5225L	★	★	★	★		★	5	3.8	47.3	2.5
		.079	45°	45°	.002	.002	.039	.205	.984	1.102								.197	.148	1.860	.096
	5	1.00	45°	45°	0.04	0.04	0.7	5.2	30.0	33.0	CXS-05G200-5230R/L	★	★	★	★		★	5	3.8	52.3	2.5
		.039	45°	45°	.002	.002	.028	.205	1.181	1.299								.197	.148	2.057	.096
	6	0.78	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G078-6210R	★	★	★	★		★	6	4.0	32.3	3.0
		.031	45°	45°	.002	.002	.071	.244	.394	.512								.236	.156	1.270	.116
	6	0.78	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G078-6215R/L	★	★	★	★		★	6	4.0	37.3	3.0
		.031	45°	45°	.002	.002	.071	.244	.591	.709								.236	.156	1.467	.116
	6	0.78	45°	45°	0.04	0.04	1.8	6.2	20.0	23.0	CXS-06G078-6220L	★	★	★	★		★	6	4.0	42.3	3.0
		.031	45°	45°	.002	.002	.071	.244	.787	.906								.236	.156	1.663	.116
	6	0.78	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G078-6225R/L	★	★	★	★		★	6	4.0	47.3	3.0
		.031	45°	45°	.002	.002	.071	.244	.984	1.102								.236	.156	1.860	.116
	6	0.78	45°	45°	0.04	0.04	1.8	6.2	30.0	33.0	CXS-06G078-6230L	★	★	★	★		★	6	4.0	52.3	3.0
		.031	45°	45°	.002	.002	.071	.244	1.181	1.299								.236	.156	2.057	.116
	6	0.78	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G078-6235R/L	★	★	★	★		★	6	4.0	57.3	3.0
		.031	45°	45°	.002	.002	.071	.244	1.378	1.496								.236	.156	2.254	.116

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

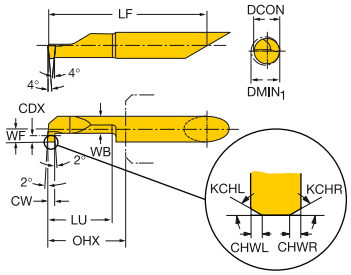
R = Right hand, L = Left hand

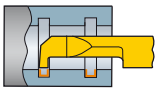
F2 B171 B183 H37 H22

SANDVIK Coromant

CoroTurn® XS solid-carbide tool for grooving





	CZC$_{MS}$	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN$_1$	LU	OHX	Ordering code	P	M	N	S	H	O	Dimensions, mm, inch DCON	WB	LF	WF
												1025	1025	1025	1025	7015	1025				
	6	1.00	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G100-6210R	★	★	★	★		★	6	4.0	32.3	3.0
		.039	45°	45°	.002	.002	.071	.244	.394	.512								.236	.156	1.270	.116
	6	1.00	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G100-6215L	★	★	★	★		★	6	4.0	37.3	3.0
		.039	45°	45°	.002	.002	.071	.244	.591	.709								.236	.156	1.467	.116
	6	1.00	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G100-6215R	★	★	★	★	★	★	6	4.0	37.3	3.0
		.039	45°	45°	.002	.002	.071	.244	.591	.709								.236	.156	1.467	.116
	6	1.00	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G100-6225R/L	★	★	★	★		★	6	4.0	47.3	3.0
		.039	45°	45°	.002	.002	.071	.244	.984	1.102								.236	.156	1.860	.116
	6	1.00	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G100-6235R	★	★	★	★		★	6	4.0	57.3	3.0
		.039	45°	45°	.002	.002	.071	.244	1.378	1.496								.236	.156	2.254	.116
	6	1.00	45°	45°	0.04	0.04	1.8	6.2	40.0	43.0	CXS-06G100-6240R/L	★	★	★	★		★	6	4.0	62.3	3.0
		.039	45°	45°	.002	.002	.071	.244	1.575	1.693								.236	.156	2.451	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G117-6210R/L	★	★	★	★		★	6	4.0	32.3	3.0
		.046	45°	45°	.002	.002	.071	.244	.394	.512								.236	.156	1.270	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G117-6215R	★	★	★	★		★	6	4.0	37.3	3.0
		.046	45°	45°	.002	.002	.071	.244	.591	.709								.236	.156	1.467	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	20.0	23.0	CXS-06G117-6220R/L	★	★	★	★		★	6	4.0	42.3	3.0
		.046	45°	45°	.002	.002	.071	.244	.787	.906								.236	.156	1.663	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G117-6225R/L	★	★	★	★		★	6	4.0	47.3	3.0
		.046	45°	45°	.002	.002	.071	.244	.984	1.102								.236	.156	1.860	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	30.0	33.0	CXS-06G117-6230R/L	★	★	★	★		★	6	4.0	52.3	3.0
		.046	45°	45°	.002	.002	.071	.244	1.181	1.299								.236	.156	2.057	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G117-6235L	★	★	★	★		★	6	4.0	57.3	3.0
		.046	45°	45°	.002	.002	.071	.244	1.378	1.496								.236	.156	2.254	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	40.0	43.0	CXS-06G117-6240R/L	★	★	★	★		★	6	4.0	62.3	3.0
		.046	45°	45°	.002	.002	.071	.244	1.575	1.693								.236	.156	2.451	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G150-6210R	★	★	★	★		★	6	4.0	32.3	3.0
		.059	45°	45°	.002	.002	.071	.244	.394	.512								.236	.156	1.270	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G150-6215L	★	★	★	★		★	6	4.0	37.3	3.0
		.059	45°	45°	.002	.002	.071	.244	.591	.709								.236	.156	1.467	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G150-6215R	★	★	★	★	★	★	6	4.0	37.3	3.0
		.059	45°	45°	.002	.002	.071	.244	.591	.709								.236	.156	1.467	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G150-6225R/L	★	★	★	★		★	6	4.0	47.3	3.0
		.059	45°	45°	.002	.002	.071	.244	.984	1.102								.236	.156	1.860	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	30.0	33.0	CXS-06G150-6230R/L	★	★	★	★		★	6	4.0	52.3	3.0
		.059	45°	45°	.002	.002	.071	.244	1.181	1.299								.236	.156	2.057	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G150-6235R/L	★	★	★	★		★	6	4.0	57.3	3.0
		.059	45°	45°	.002	.002	.071	.244	1.378	1.496								.236	.156	2.254	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G157-6210R/L	★	★	★	★		★	6	4.0	32.3	3.0
		.062	45°	45°	.002	.002	.071	.244	.394	.512								.236	.156	1.270	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G157-6215R/L	★	★	★	★		★	6	4.0	37.3	3.0
		.062	45°	45°	.002	.002	.071	.244	.591	.709								.236	.156	1.467	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	20.0	23.0	CXS-06G157-6220R	★	★	★	★		★	6	4.0	42.3	3.0
		.062	45°	45°	.002	.002	.071	.244	.787	.906								.236	.156	1.663	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G157-6225R	★	★	★	★		★	6	4.0	47.3	3.0
		.062	45°	45°	.002	.002	.071	.244	.984	1.102								.236	.156	1.860	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	30.0	33.0	CXS-06G157-6230L	★	★	★	★		★	6	4.0	52.3	3.0
		.062	45°	45°	.002	.002	.071	.244	1.181	1.299								.236	.156	2.057	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G157-6235R/L	★	★	★	★		★	6	4.0	57.3	3.0
		.062	45°	45°	.002	.002	.071	.244	1.378	1.496								.236	.156	2.254	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	40.0	43.0	CXS-06G157-6240R/L	★	★	★	★		★	6	4.0	62.3	3.0
		.062	45°	45°	.002	.002	.071	.244	1.575	1.693								.236	.156	2.451	.116
	6	1.98	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G198-6210R	★	★	★	★		★	6	4.0	32.3	3.0
		.078	45°	45°	.002	.002	.071	.244	.394	.512								.236	.156	1.270	.116

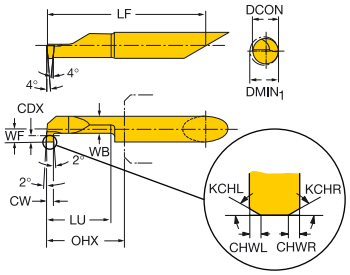
CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

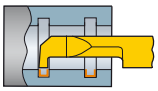
R = Right hand, L = Left hand

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CoroTurn® XS solid-carbide tool for grooving







CZC$_{MS}$	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN$_1$	LU	OHX	Ordering code	P	M	N	S	H	O	Dimensions, mm, inch DCON	WB	LF	WF
											1025	1025	1025	1025	7015	1025				
6	1.98	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G198-6215R	★	★	★	★		★	6	4.0	37.3	3.0
	.078	45°	45°	.002	.002	.071	.244	.591	.709								.236	.156	1.467	.116
6	1.98	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G198-6225R	★	★	★	★		★	6	4.0	47.3	3.0
	.078	45°	45°	.002	.002	.071	.244	.984	1.102								.236	.156	1.860	.116
6	1.98	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G198-6235R/L	★	★	★	★		★	6	4.0	57.3	3.0
	.078	45°	45°	.002	.002	.071	.244	1.378	1.496								.236	.156	2.254	.116
6	2.00	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G200-6210R	★	★	★	★		★	6	4.0	32.3	3.0
	.079	45°	45°	.002	.002	.071	.244	.394	.512								.236	.156	1.270	.116
6	2.00	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G200-6215R/L	★	★	★	★		★	6	4.0	37.3	3.0
	.079	45°	45°	.002	.002	.071	.244	.591	.709								.236	.156	1.467	.116
6	2.00	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G200-6225R/L	★	★	★	★		★	6	4.0	47.3	3.0
	.079	45°	45°	.002	.002	.071	.244	.984	1.102								.236	.156	1.860	.116
6	2.00	45°	45°	0.04	0.04	1.8	6.2	30.0	33.0	CXS-06G200-6230R/L	★	★	★	★		★	6	4.0	52.3	3.0
	.079	45°	45°	.002	.002	.071	.244	1.181	1.299								.236	.156	2.057	.116
7	0.78	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G078-7210R/L	★	★	★	★		★	7	4.3	32.3	3.5
	.031	45°	45°	.002	.002	.098	.283	.394	.512								.276	.167	1.270	.136
7	0.78	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G078-7215R/L	★	★	★	★		★	7	4.3	37.3	3.5
	.031	45°	45°	.002	.002	.098	.283	.591	.709								.276	.167	1.467	.136
7	0.78	45°	45°	0.04	0.04	2.5	7.2	20.0	23.0	CXS-07G078-7220L	★	★	★	★		★	7	4.3	42.3	3.5
	.031	45°	45°	.002	.002	.098	.283	.787	.906								.276	.167	1.663	.136
7	0.78	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G078-7225R/L	★	★	★	★		★	7	4.3	47.3	3.5
	.031	45°	45°	.002	.002	.098	.283	.984	1.102								.276	.167	1.860	.136
7	0.78	45°	45°	0.04	0.04	2.5	7.2	30.0	33.0	CXS-07G078-7230R/L	★	★	★	★		★	7	4.3	52.3	3.5
	.031	45°	45°	.002	.002	.098	.283	1.181	1.299								.276	.167	2.057	.136
7	0.78	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G078-7235R/L	★	★	★	★		★	7	4.3	57.3	3.5
	.031	45°	45°	.002	.002	.098	.283	1.378	1.496								.276	.167	2.254	.136
7	0.78	45°	45°	0.04	0.04	2.5	7.2	40.0	43.0	CXS-07G078-7240R/L	★	★	★	★		★	7	4.3	62.3	3.5
	.031	45°	45°	.002	.002	.098	.283	1.575	1.693								.276	.167	2.451	.136
7	1.00	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G100-7210R	★	★	★	★		★	7	4.3	32.3	3.5
	.039	45°	45°	.002	.002	.098	.283	.394	.512								.276	.167	1.270	.136
7	1.00	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G100-7215R/L	★	★	★	★		★	7	4.3	37.3	3.5
	.039	45°	45°	.002	.002	.098	.283	.591	.709								.276	.167	1.467	.136
7	1.00	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G100-7225R/L	★	★	★	★		★	7	4.3	47.3	3.5
	.039	45°	45°	.002	.002	.098	.283	.984	1.102								.276	.167	1.860	.136
7	1.00	45°	45°	0.04	0.04	2.5	7.2	30.0	33.0	CXS-07G100-7230R/L	★	★	★	★		★	7	4.3	52.3	3.5
	.039	45°	45°	.002	.002	.098	.283	1.181	1.299								.276	.167	2.057	.136
7	1.00	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G100-7235R/L	★	★	★	★		★	7	4.3	57.3	3.5
	.039	45°	45°	.002	.002	.098	.283	1.378	1.496								.276	.167	2.254	.136
7	1.17	45°	45°	0.04	0.04	2.5	7.2	40.0	43.0	CXS-07G100-7240R/L	★	★	★	★		★	7	4.3	62.3	3.5
	.046	45°	45°	.002	.002	.098	.283	1.575	1.693								.276	.167	2.451	.136
7	1.17	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G117-7210R	★	★	★	★		★	7	4.3	32.3	3.5
	.046	45°	45°	.002	.002	.098	.283	.394	.512								.276	.167	1.270	.136
7	1.17	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G117-7215R	★	★	★	★		★	7	4.3	37.3	3.5
	.046	45°	45°	.002	.002	.098	.283	.591	.709								.276	.167	1.467	.136
7	1.17	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G117-7225R	★	★	★	★		★	7	4.3	47.3	3.5
	.046	45°	45°	.002	.002	.098	.283	.984	1.102								.276	.167	1.860	.136
7	1.17	45°	45°	0.04	0.04	2.5	7.2	30.0	33.0	CXS-07G117-7230R/L	★	★	★	★		★	7	4.3	52.3	3.5
	.046	45°	45°	.002	.002	.098	.283	1.181	1.299								.276	.167	2.057	.136
7	1.17	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G117-7235R/L	★	★	★	★		★	7	4.3	57.3	3.5
	.046	45°	45°	.002	.002	.098	.283	1.378	1.496								.276	.167	2.254	.136
7	1.17	45°	45°	0.04	0.04	2.5	7.2	40.0	43.0	CXS-07G117-7240R/L	★	★	★	★		★	7	4.3	62.3	3.5
	.046	45°	45°	.002	.002	.098	.283	1.575	1.693								.276	.167	2.451	.136
7	1.50	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G150-7210R	★	★	★	★		★	7	4.3	32.3	3.5
	.059	45°	45°	.002	.002	.098	.283	.394	.512								.276	.167	1.270	.136

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

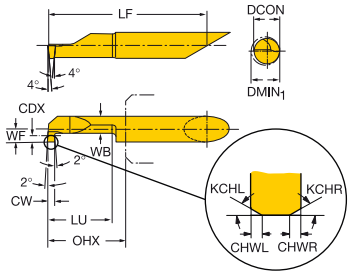
R = Right hand, L = Left hand

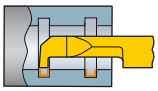
F2 B171 B183 H37 H22

SANDVIK Coromant

CoroTurn® XS solid-carbide tool for grooving





	CZC_{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	$DMIN_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	O 1025	Dimensions, mm, inch DCON	WB	LF	WF
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G150-7215R/L	★	★	★	★		★	7	4.3	37.3	3.5
		.059	45°	45°	.002	.002	.098	.283	.591	.709								.276	.167	1.467	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G150-7225R/L	★	★	★	★		★	7	4.3	47.3	3.5
		.059	45°	45°	.002	.002	.098	.283	.984	1.102								.276	.167	1.860	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	30.0	33.0	CXS-07G150-7230L	★	★	★	★		★	7	4.3	52.3	3.5
		.059	45°	45°	.002	.002	.098	.283	1.181	1.299								.276	.167	2.057	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G150-7235R	★	★	★	★		★	7	4.3	57.3	3.5
		.059	45°	45°	.002	.002	.098	.283	1.378	1.496								.276	.167	2.254	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	40.0	43.0	CXS-07G150-7240R/L	★	★	★	★		★	7	4.3	62.3	3.5
		.059	45°	45°	.002	.002	.098	.283	1.575	1.693								.276	.167	2.451	.136
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G157-7210R	★	★	★	★		★	7	4.3	32.3	3.5
		.062	45°	45°	.002	.002	.098	.283	.394	.512								.276	.167	1.270	.136
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G157-7215R/L	★	★	★	★		★	7	4.3	37.3	3.5
		.062	45°	45°	.002	.002	.098	.283	.591	.709								.276	.167	1.467	.136
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	20.0	23.0	CXS-07G157-7220L	★	★	★	★		★	7	4.3	42.3	3.5
		.062	45°	45°	.002	.002	.098	.283	.787	.906								.276	.167	1.663	.136
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G157-7225R	★	★	★	★		★	7	4.3	47.3	3.5
		.062	45°	45°	.002	.002	.098	.283	.984	1.102								.276	.167	1.860	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	30.0	33.0	CXS-07G157-7230R/L	★	★	★	★		★	7	4.3	52.3	3.5
		.059	45°	45°	.002	.002	.098	.283	1.181	1.299								.276	.167	2.057	.136
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G157-7235R/L	★	★	★	★		★	7	4.3	57.3	3.5
		.062	45°	45°	.002	.002	.098	.283	1.378	1.496								.276	.167	2.254	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	40.0	43.0	CXS-07G157-7240R/L	★	★	★	★		★	7	4.3	62.3	3.5
		.059	45°	45°	.002	.002	.098	.283	1.575	1.693								.276	.167	2.451	.136
	7	1.98	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G198-7210R/L	★	★	★	★		★	7	4.3	32.3	3.5
		.078	45°	45°	.002	.002	.098	.283	.394	.512								.276	.167	1.270	.136
	7	1.98	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G198-7215R/L	★	★	★	★		★	7	4.3	37.3	3.5
		.078	45°	45°	.002	.002	.098	.283	.591	.709								.276	.167	1.467	.136
	7	1.98	45°	45°	0.04	0.04	2.5	7.2	20.0	23.0	CXS-07G198-7220L	★	★	★	★		★	7	4.3	42.3	3.5
		.078	45°	45°	.002	.002	.098	.283	.787	.906								.276	.167	1.663	.136
	7	1.98	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G198-7225L	★	★	★	★		★	7	4.3	47.3	3.5
		.078	45°	45°	.002	.002	.098	.283	.984	1.102								.276	.167	1.860	.136
	7	1.98	45°	45°	0.04	0.04	2.5	7.2	30.0	33.0	CXS-07G198-7230R/L	★	★	★	★		★	7	4.3	52.3	3.5
		.078	45°	45°	.002	.002	.098	.283	1.181	1.299								.276	.167	2.057	.136
	7	1.98	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G198-7235R/L	★	★	★	★		★	7	4.3	57.3	3.5
		.078	45°	45°	.002	.002	.098	.283	1.378	1.496								.276	.167	2.254	.136
	7	2.00	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G200-7210R	★	★	★	★		★	7	4.3	32.3	3.5
		.079	45°	45°	.002	.002	.098	.283	.394	.512								.276	.167	1.270	.136
	7	2.00	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G200-7215R/L	★	★	★	★		★	7	4.3	37.3	3.5
		.079	45°	45°	.002	.002	.098	.283	.591	.709								.276	.167	1.467	.136
	7	2.00	45°	45°	0.04	0.04	2.5	7.2	20.0	23.0	CXS-07G200-7220R/L	★	★	★	★		★	7	4.3	42.3	3.5
		.079	45°	45°	.002	.002	.098	.283	.787	.906								.276	.167	1.663	.136
	7	2.00	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G200-7225R/L	★	★	★	★		★	7	4.3	47.3	3.5
		.079	45°	45°	.002	.002	.098	.283	.984	1.102								.276	.167	1.860	.136
	7	2.00	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G200-7235R/L	★	★	★	★		★	7	4.3	57.3	3.5
		.079	45°	45°	.002	.002	.098	.283	1.378	1.496								.276	.167	2.254	.136

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

Tolerances:

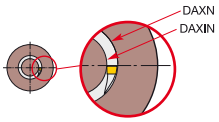
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxG	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008

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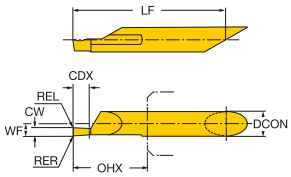
CoroTurn® XS solid-carbide tool for face grooving

A curve

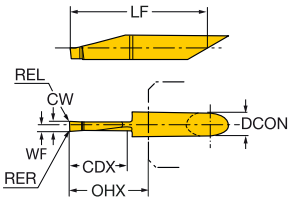


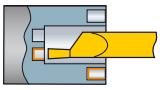
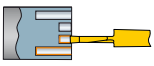


DSGN 1



2



	CZC_{MS}	CW	REL	RER	CDX	DAXIN	OHX	DSGN	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm, inch DCON	LF	WF
	6	1.00	0.15	0.15	2.0	4.2	18.0	1	CXS-06F100-6215AR/L	★	★	★	★	★	6	37.3	3.0
		.039	*.006*	*.006*	*.079*	*.165*	*.709*	*1*							*.236*	*1.469*	*.116*
	6	1.50	0.15	0.15	3.0	3.2	18.0	1	CXS-06F150-6215AR/L	★	★	★	★	★	6	37.3	3.0
		.059	*.006*	*.006*	*.118*	*.126*	*.709*	*1*							*.236*	*1.469*	*.116*
	6	2.00	0.15	0.15	4.0	2.2	18.0	1	CXS-06F200-6215AR/L	★	★	★	★	★	6	37.3	3.0
		.079	*.006*	*.006*	*.157*	*.087*	*.709*	*1*							*.236*	*1.469*	*.116*
	6	2.50	0.15	0.15	5.0	1.2	18.0	1	CXS-06F250-6215AR/L	★	★	★	★	★	6	37.3	3.0
		.098	*.006*	*.006*	*.197*	*.047*	*.709*	*1*							*.236*	*1.469*	*.116*
	6	3.00	0.15	0.15	6.0	0.2	18.0	1	CXS-06F300-6215AR/L	★	★	★	★	★	6	37.3	3.0
		.118	*.006*	*.006*	*.236*	*.008*	*.709*	*1*							*.236*	*1.469*	*.116*
	8	2.00	0.20	0.20	15.0	11.0	20.0	2	CXS-08F200-8015AR/L	★	★	★	★	★	8	44.3	1.6
		.079	*.008*	*.008*	*.591*	*.433*	*.787*	*2*							*.315*	*1.742*	*.062*
	8	2.50	0.20	0.20	10.0	5.0	15.0	2	CXS-08F250-8010AR/L	★	★	★	★	★	8	39.3	1.8
		.098	*.008*	*.008*	*.394*	*.197*	*.591*	*2*							*.315*	*1.545*	*.072*
	8	3.00	0.20	0.20	10.0	4.0	15.0	2	CXS-08F300-8010AR/L	★	★	★	★	★	8	39.3	2.1
		.118	*.008*	*.008*	*.394*	*.157*	*.591*	*2*							*.315*	*1.545*	*.081*
	8	3.00	0.20	0.20	15.0	9.0	20.0	2	CXS-08F300-8015AR/L	★	★	★	★	★	8	44.3	2.1
		.118	*.008*	*.008*	*.591*	*.354*	*.787*	*2*							*.315*	*1.742*	*.081*
	8	4.00	0.20	0.20	10.0	2.0	15.0	2	CXS-08F400-8010AR/L	★	★	★	★	★	8	39.3	2.5
		.157	*.008*	*.008*	*.394*	*.079*	*.591*	*2*							*.315*	*1.545*	*.098*
	8	4.00	0.20	0.20	15.0	7.0	20.0	2	CXS-08F400-8015AR/L	★	★	★	★	★	8	44.3	2.5
		.157	*.008*	*.008*	*.591*	*.276*	*.787*	*2*							*.315*	*1.742*	*.098*
	10	3.00	0.20	0.20	20.0	14.0	28.0	2	CXS-10F300-10020AR/L	★	★	★	★	★	10	52.3	2.1
		.118	*.008*	*.008*	*.787*	*.551*	*1.102*	*2*							*.394*	*2.057*	*.081*
	10	3.00	0.20	0.20	25.0	19.0	33.0	2	CXS-10F300-10025AR/L	★	★	★	★	★	10	57.3	2.1
		.118	*.008*	*.008*	*.984*	*.748*	*1.299*	*2*							*.394*	*2.254*	*.081*
	10	3.00	0.20	0.20	30.0	24.0	38.0	2	CXS-10F300-10030AR/L	★	★	★	★	★	10	62.3	2.1
		.118	*.008*	*.008*	*1.181*	*.945*	*1.496*	*2*							*.394*	*2.451*	*.081*
	10	4.00	0.20	0.20	20.0	12.0	28.0	2	CXS-10F400-10020AR/L	★	★	★	★	★	10	52.3	2.7
		.157	*.008*	*.008*	*.787*	*.472*	*1.102*	*2*							*.394*	*2.057*	*.104*
	10	4.00	0.20	0.20	25.0	17.0	33.0	2	CXS-10F400-10025AR/L	★	★	★	★	★	10	57.3	2.7
		.157	*.008*	*.008*	*.984*	*.669*	*1.299*	*2*							*.394*	*2.254*	*.104*
	10	4.00	0.20	0.20	30.0	22.0	38.0	2	CXS-10F400-10030AR/L	★	★	★	★	★	10	62.3	2.7
		.157	*.008*	*.008*	*1.181*	*.866*	*1.496*	*2*							*.394*	*2.451*	*.104*
	10	5.00	0.20	0.20	20.0	10.0	28.0	2	CXS-10F500-10020AR/L	★	★	★	★	★	10	52.3	3.1
		.197	*.008*	*.008*	*.787*	*.394*	*1.102*	*2*							*.394*	*2.057*	*.122*
	10	5.00	0.20	0.20	25.0	15.0	33.0	2	CXS-10F500-10025AR/L	★	★	★	★	★	10	57.3	3.1
		.197	*.008*	*.008*	*.984*	*.591*	*1.299*	*2*							*.394*	*2.254*	*.122*
	10	5.00	0.20	0.20	30.0	20.0	38.0	2	CXS-10F500-10030AR/L	★	★	★	★	★	10	62.3	3.1
		.197	*.008*	*.008*	*1.181*	*.787*	*1.496*	*2*							*.394*	*2.451*	*.122*

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

Tolerances:

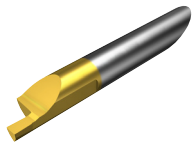
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS..F..AR/L (1)	0.000	0.050	.0000	.0020	-0.02	0.02	-.0008	.0008
CXS..F..AR/L (2)	0.000	0.050	.0000	.0020	-0.02	0.02	-.0008	.0008

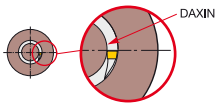
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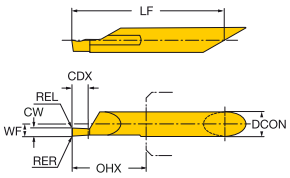
SANDVIK Coromant

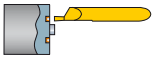
CoroTurn® XS solid-carbide tool for face grooving

B curve







	CZC_{MS}	CW	REL	RER	CDX	DAXIN	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm, inch DCON	LF	WF
	6	1.00	0.15	0.15	2.0	4.2	18.0	CXS-06F100-6215BR/L	★	★	★	★	★	6	37.3	3.0
		.039	*.006*	*.006*	*.079*	*.165*	*.709*							*.236*	*1.469*	*.116*
	6	1.50	0.15	0.15	3.0	3.2	18.0	CXS-06F150-6215BR/L	★	★	★	★	★	6	37.3	3.0
		.059	*.006*	*.006*	*.118*	*.126*	*.709*							*.236*	*1.469*	*.116*
	6	2.00	0.15	0.15	4.0	2.2	18.0	CXS-06F200-6215BR/L	★	★	★	★	★	6	37.3	3.0
		.079	*.006*	*.006*	*.157*	*.087*	*.709*							*.236*	*1.469*	*.116*
	6	2.50	0.15	0.15	5.0	1.2	18.0	CXS-06F250-6215BR/L	★	★	★	★	★	6	37.3	3.0
		.098	*.006*	*.006*	*.197*	*.047*	*.709*							*.236*	*1.469*	*.116*
	6	3.00	0.15	0.15	6.0	0.2	18.0	CXS-06F300-6215BR/L	★	★	★	★	★	6	37.3	3.0
		.118	*.006*	*.006*	*.236*	*.008*	*.709*							*.236*	*1.469*	*.116*

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

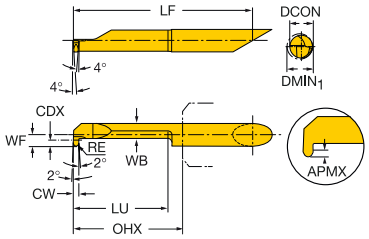
Tolerances:

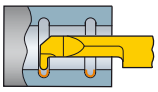
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS..F..BR/L	0.000	0.050	.0000	.0020	-0.02	0.02	-.0008	.0008

F2 B171 B183 H37 H22

CoroTurn® XS solid-carbide tool for profiling





	CZC_{MS}	CW	RE	CDX	$DMIN_1$	LU	APMX	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm, inch DCON	WB	LF	WF
	4	1.17	0.58	0.8	4.2	15.0	0.3	18.0	CXS-04R058-4215R	★	★	★	★	★	4	3.0	32.3	2.0
		.046	*.023*	*.031*	*.165*	*.591*	*.012*	*.709*							*.157*	*.116*	*1.270*	*.077*
	4	1.00	0.50	0.8	4.2	15.0	0.3	18.0	CXS-04R100-4215R/L	★	★	★	★	★	4	3.0	32.3	2.0
		.039	*.020*	*.031*	*.165*	*.591*	*.012*	*.709*							*.157*	*.116*	*1.270*	*.077*
	5	1.17	0.58	1.0	5.2	20.0	0.3	23.0	CXS-05R058-5220R/L	★	★	★	★	★	5	3.8	42.3	2.5
		.046	*.023*	*.039*	*.205*	*.787*	*.012*	*.906*							*.197*	*.148*	*1.663*	*.096*
	5	1.63	0.81	1.0	5.2	20.0	0.3	23.0	CXS-05R081-5220R	★	★	★	★	★	5	3.8	42.3	2.5
		.064	*.032*	*.039*	*.205*	*.787*	*.012*	*.906*							*.197*	*.148*	*1.663*	*.096*
	5	1.98	0.99	1.0	5.2	20.0	0.3	23.0	CXS-05R099-5220R	★	★	★	★	★	5	3.8	42.3	2.5
		.078	*.039*	*.039*	*.205*	*.787*	*.012*	*.906*							*.197*	*.148*	*1.663*	*.096*
	5	1.00	0.50	1.0	5.2	20.0	0.3	23.0	CXS-05R100-5220R	★	★	★	★	★	5	3.8	42.3	2.5
		.039	*.020*	*.039*	*.205*	*.787*	*.012*	*.906*							*.197*	*.148*	*1.663*	*.096*
	5	1.50	0.75	1.0	5.2	20.0	0.3	23.0	CXS-05R150-5220R	★	★	★	★	★	5	3.8	42.3	2.5
		.059	*.030*	*.039*	*.205*	*.787*	*.012*	*.906*							*.197*	*.148*	*1.663*	*.096*
	5	2.00	1.00	1.0	5.2	20.0	0.3	23.0	CXS-05R200-5220R	★	★	★	★	★	5	3.8	42.3	2.5
		.079	*.039*	*.039*	*.205*	*.787*	*.012*	*.906*							*.197*	*.148*	*1.663*	*.096*
	6	1.17	0.58	1.8	6.2	25.0	0.3	28.0	CXS-06R058-6225R/L	★	★	★	★	★	6	4.0	47.3	3.0
		.046	*.023*	*.071*	*.244*	*.984*	*.012*	*1.102*							*.236*	*.156*	*1.860*	*.116*
	6	1.63	0.81	1.8	6.2	25.0	0.3	28.0	CXS-06R081-6225R	★	★	★	★	★	6	4.0	47.3	3.0
		.064	*.032*	*.071*	*.244*	*.984*	*.012*	*1.102*							*.236*	*.156*	*1.860*	*.116*
	6	1.98	0.99	1.8	6.2	25.0	0.3	28.0	CXS-06R099-6225R	★	★	★	★	★	6	4.0	47.3	3.0
		.078	*.039*	*.071*	*.244*	*.984*	*.012*	*1.102*							*.236*	*.156*	*1.860*	*.116*
	6	1.00	0.50	1.8	6.2	25.0	0.3	28.0	CXS-06R100-6225R/L	★	★	★	★	★	6	4.0	47.3	3.0
		.039	*.020*	*.071*	*.244*	*.984*	*.012*	*1.102*							*.236*	*.156*	*1.860*	*.116*
	6	1.50	0.75	1.8	6.2	25.0	0.3	28.0	CXS-06R150-6225R	★	★	★	★	★	6	4.0	47.3	3.0
		.059	*.030*	*.071*	*.244*	*.984*	*.012*	*1.102*							*.236*	*.156*	*1.860*	*.116*
	6	2.00	1.00	1.8	6.2	25.0	0.3	28.0	CXS-06R200-6225R/L	★	★	★	★	★	6	4.0	47.3	3.0
		.079	*.039*	*.071*	*.244*	*.984*	*.012*	*1.102*							*.236*	*.156*	*1.860*	*.116*
	7	1.17	0.58	2.5	7.2	30.0	0.3	33.0	CXS-07R058-7230R	★	★	★	★	★	7	4.3	52.3	3.5
		.046	*.023*	*.098*	*.283*	*1.181*	*.012*	*1.299*							*.276*	*.167*	*2.057*	*.136*
	7	1.63	0.81	2.5	7.2	30.0	0.3	33.0	CXS-07R081-7230R	★	★	★	★	★	7	4.3	52.3	3.5
		.064	*.032*	*.098*	*.283*	*1.181*	*.012*	*1.299*							*.276*	*.167*	*2.057*	*.136*
	7	1.98	0.99	2.5	7.2	30.0	0.3	33.0	CXS-07R099-7230R	★	★	★	★	★	7	4.3	52.3	3.5
		.078	*.039*	*.098*	*.283*	*1.181*	*.012*	*1.299*							*.276*	*.167*	*2.057*	*.136*
	7	1.00	0.50	2.5	7.2	30.0	0.3	33.0	CXS-07R100-7230R/L	★	★	★	★	★	7	4.3	52.3	3.5
		.039	*.020*	*.098*	*.283*	*1.181*	*.012*	*1.299*							*.276*	*.167*	*2.057*	*.136*
	7	1.50	0.75	2.5	7.2	30.0	0.3	33.0	CXS-07R150-7230R	★	★	★	★	★	7	4.3	52.3	3.5
		.059	*.030*	*.098*	*.283*	*1.181*	*.012*	*1.299*							*.276*	*.167*	*2.057*	*.136*
	7	2.00	1.00	2.5	7.2	30.0	0.3	33.0	CXS-07R200-7230R/L	★	★	★	★	★	7	4.3	52.3	3.5
		.079	*.039*	*.098*	*.283*	*1.181*	*.012*	*1.299*							*.276*	*.167*	*2.057*	*.136*

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxR	0.000	0.050	.0000	.0020	-0.02	0.02	-.0008	.0008

F2 B171 B183 H37 H22

CoroCut® MB

For internal machining with high precision

Application

- For internal machining of small holes
- Pre-parting
- Grooving
- Face grooving
- Profiling
- Turning
- Copying
- Back boring
- Threading



ISO application area:

P M K N S H O

Benefits and features

- Vibration-free machining
- Fast setup for both tool and insert
- Stable, high precision interface between interface and tool holder
- Front-mounted exchangeable cutting tool
- Sharp cutting edges
- Geometries and grades for all materials
- Carbide shanks for long overhangs
- Through coolant
- Easy fix clamping
- Grooving tools in a large variety of widths and corner radii—also for standardized grooves such as O-rings and circlip grooves.

www.sandvik.coromant.com/corocutmb

EasyFix

Cylindrical steel and carbide boring bars to be used with EasyFix sleeves for exact center height.

CoroCut® MB boring bars

For stability and accessibility the bars are designed with an eccentric head with oval cross section.

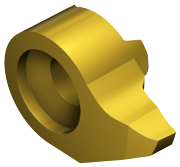
Adapters

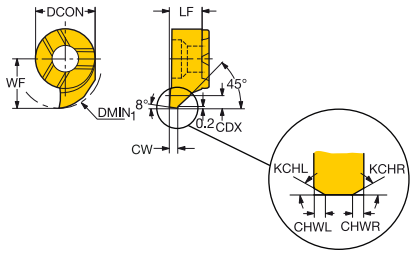
Rectangular shank to CoroCut® MB adapter
See page F36
Cylindrical shank to CoroCut® MB adapter
See page F42
Cylindrical shank with flat to CoroCut® MB adapter
See page F48

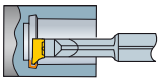
Inserts

	Pre-parting	Grooving	Face grooving	Profiling	Turning	Copying	Back boring	Threading
	MB-..GX	MB-..G	MB-F	MB-..R	MB..T045	MB..TE93	MB..B	MB..TH
Insert width, mm	1.00	0.73-3.00	1.00-3.00					
Insert width, inch	.039	.039-.118	.039-.118					
Page	B156	B157	B160	Web	Web	Web	Web	C90

CoroCut® MB solid-carbide head for pre-parting





	CZC$_{MS}$	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm, inch DCON	LF	WF
	07	1.00	45°	45°	0.04	0.04	0.7	10.0	MB-07GX100-00-10R/L	★	★	★	★	★	7	3.9	5.8
		.039	45°	45°	.002	.002	.028	.394							.276	.154	.228

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand, L = Left hand

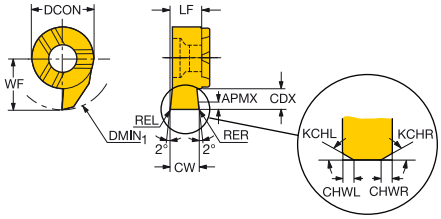
Tolerances:

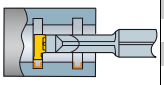
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"
MB..GX	0.000	0.050	.0000	.0020

F2 B170 B183 H37 H25

CoroCut® MB solid carbide head for grooving





	CZC$_{MS}$	CW	REL	RER	KCHL	KCHR	CHWL	CHWR	CDX	DMIN$_1$	APMX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	O 1025	Dimensions, mm, inch DCON	LF	WF
	07	1.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G100-00-10R/L	★	★	★	★		★	7	3.9	5.8
		.039			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	1.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G100-00-11R	★	★	★	★	★	★	7	3.9	6.8
		.039			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	1.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G100-00-11L	★	★	★	★		★	7	3.9	6.8
		.039			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	1.00			45°	45°	0.04	0.04	3.1	12.0		MB-07G100-00-12R/L	★	★	★	★		★	7	3.9	7.4
		.039			45°	45°	.002	.002	.122	.472									.276	.154	.291
	07	1.50			45°	45°	0.04	0.04	1.8	10.0		MB-07G150-00-10R/L	★	★	★	★		★	7	3.9	5.8
		.059			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	1.50			45°	45°	0.04	0.04	2.8	11.0		MB-07G150-00-11R	★	★	★	★	★	★	7	3.9	6.8
		.059			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	1.50			45°	45°	0.04	0.04	2.8	11.0		MB-07G150-00-11L	★	★	★	★		★	7	3.9	6.8
		.059			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	1.50			45°	45°	0.04	0.04	3.4	12.0		MB-07G150-00-12R/L	★	★	★	★		★	7	3.9	7.4
		.059			45°	45°	.002	.002	.134	.472									.276	.154	.291
	07	2.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G200-00-10R/L	★	★	★	★		★	7	3.9	5.8
		.079			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	2.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G200-00-11R/L	★	★	★	★		★	7	3.9	6.8
		.079			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	2.00			45°	45°	0.04	0.04	3.4	12.0		MB-07G200-00-12R/L	★	★	★	★		★	7	3.9	7.4
		.079			45°	45°	.002	.002	.134	.472									.276	.154	.291
	07	2.50			45°	45°	0.04	0.04	1.8	10.0		MB-07G250-00-10R/L	★	★	★	★		★	7	3.9	5.8
		.098			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	2.50			45°	45°	0.04	0.04	2.8	11.0		MB-07G250-00-11R/L	★	★	★	★		★	7	3.9	6.8
		.098			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	3.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G300-00-10R/L	★	★	★	★		★	7	3.9	5.8
		.118			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	3.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G300-00-11R/L	★	★	★	★		★	7	3.9	6.8
		.118			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	3.18			45°	45°	0.04	0.04	1.8	10.0		MB-07G318-00-10R/L	★	★	★	★		★	7	3.9	5.8
		.125			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	3.18			45°	45°	0.04	0.04	2.8	11.0		MB-07G318-00-11R/L	★	★	★	★		★	7	3.9	6.8
		.125			45°	45°	.002	.002	.110	.433									.276	.154	.268
	09	1.00			45°	45°	0.04	0.04	4.0	14.0	0.3	MB-09G100-00-14R/L	★	★	★	★		★	9	5.2	9.0
		.039			45°	45°	.002	.002	.157	.551	.012								.354	.205	.354
	09	1.50			45°	45°	0.04	0.04	4.0	14.0		MB-09G150-00-14R/L	★	★	★	★		★	9	5.3	9.0
		.059			45°	45°	.002	.002	.157	.551									.354	.209	.354
	09	1.50			45°	45°	0.04	0.04	5.5	16.0		MB-09G150-00-16R/L	★	★	★	★		★	9	5.2	10.5
		.059			45°	45°	.002	.002	.217	.630									.354	.205	.413
	09	1.50			45°	45°	0.04	0.04	6.5	17.0		MB-09G150-00-17R/L	★	★	★	★		★	9	5.2	11.5
		.059			45°	45°	.002	.002	.256	.669									.354	.205	.453
	09	1.50	0.20	0.20					4.0	14.0	0.3	MB-09G150-02-16R/L	★	★	★	★		★	9	5.3	9.0
		.059	.008	.008					.157	.551	.012								.354	.209	.354
	09	2.00			45°	45°	0.04	0.04	4.0	14.0		MB-09G200-00-14R/L	★	★	★	★		★	9	5.3	9.0
		.079			45°	45°	.002	.002	.157	.551									.354	.209	.354
	09	2.00			45°	45°	0.04	0.04	5.5	16.0		MB-09G200-00-16R/L	★	★	★	★		★	9	5.2	10.5
		.079			45°	45°	.002	.002	.217	.630									.354	.205	.413
	09	2.00			45°	45°	0.04	0.04	6.5	17.0		MB-09G200-00-17R/L	★	★	★	★		★	9	5.2	11.5
		.079			45°	45°	.002	.002	.256	.669									.354	.205	.453
	09	2.00	0.20	0.20					4.0	14.0		MB-09G200-02-14R/L	★	★	★	★		★	9	5.3	9.0
		.079	.008	.008					.157	.551									.354	.209	.354
	09	2.00	0.20	0.20					5.5	16.0		MB-09G200-02-16R/L	★	★	★	★		★	9	5.2	10.5
		.079	.008	.008					.217	.630									.354	.205	.413
	09	2.50			45°	45°	0.04	0.04	4.0	14.0		MB-09G250-00-14R/L	★	★	★	★		★	9	5.3	9.0
		.098			45°	45°	.002	.002	.157	.551									.354	.209	.354

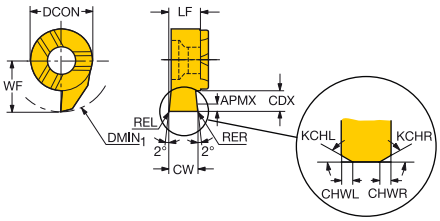
CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

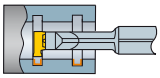
R = Right hand, L = Left hand

F2 B170 B183 H37 H25

CoroCut® MB solid carbide head for grooving





	CZC$_{MS}$	CW	REL	RER	KCHL	KCHR	CHWL	CHWR	CDX	DMIN$_1$	APMX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	O 1025	Dimensions, mm, inch DCON	LF	WF
	09	2.50			45°	45°	0.04	0.04	5.5	16.0		MB-09G250-00-16R/L	★	★	★	★		★	9	5.2	10.5
		.098			45°	45°	.002	.002	.217	.630									.354	.205	.413
	09	2.50			45°	45°	0.04	0.04	6.5	17.0		MB-09G250-00-17R/L	★	★	★	★		★	9	5.2	11.5
		.098			45°	45°	.002	.002	.256	.669									.354	.205	.453
	09	2.50	0.20	0.20					5.5	16.0		MB-09G250-02-16R/L	★	★	★	★		★	9	5.2	10.5
		.098	.008	.008					.217	.630									.354	.205	.413
	09	3.00			45°	45°	0.04	0.04	4.0	14.0		MB-09G300-00-14R/L	★	★	★	★		★	9	5.3	9.0
		.118			45°	45°	.002	.002	.157	.551									.354	.209	.354
	09	3.00			45°	45°	0.04	0.04	5.5	16.0		MB-09G300-00-16R/L	★	★	★	★		★	9	5.2	10.5
		.118			45°	45°	.002	.002	.217	.630									.354	.205	.413
	09	3.00			45°	45°	0.04	0.04	6.5	17.0		MB-09G300-00-17R/L	★	★	★	★		★	9	5.2	11.5
		.118			45°	45°	.002	.002	.256	.669									.354	.205	.453
	09	3.00	0.20	0.20					5.5	16.0		MB-09G300-02-16R/L	★	★	★	★		★	9	5.2	10.5
		.118	.008	.008					.217	.630									.354	.205	.413
	09	3.18			45°	45°	0.04	0.04	4.0	14.0	0.3	MB-09G318-00-14R/L	★	★	★	★		★	9	5.3	9.0
		.125			45°	45°	.002	.002	.157	.551	.012								.354	.209	.354
	09	3.18	0.20	0.20					4.0	14.0	0.3	MB-09G318-02-14R/L	★	★	★	★		★	9	5.3	9.0
		.125	.008	.008					.157	.551	.012								.354	.209	.354
	11	1.50	0.20	0.20					8.0	20.0		MB-11G150-02-20R/L	★	★	★	★		★	11	5.6	14.0
		.059	.008	.008					.315	.787									.433	.220	.551
	11	2.00	0.20	0.20					8.0	20.0		MB-11G200-02-20R/L	★	★	★	★		★	11	5.6	14.0
		.079	.008	.008					.315	.787									.433	.220	.551
	11	2.50	0.20	0.20					8.0	20.0		MB-11G250-02-20R/L	★	★	★	★		★	11	5.6	14.0
		.098	.008	.008					.315	.787									.433	.220	.551
	11	3.00	0.20	0.20					8.0	20.0		MB-11G300-02-20R/L	★	★	★	★		★	11	5.6	14.0
		.118	.008	.008					.315	.787									.433	.220	.551
	11	3.18	0.20	0.20					8.0	20.0		MB-11G318-02-20R/L	★	★	★	★		★	11	5.6	14.0
		.125	.008	.008					.315	.787									.433	.220	.551
	11	4.00	0.20	0.20					8.0	20.0		MB-11G400-02-20R/L	★	★	★	★		★	11	5.6	14.0
		.157	.008	.008					.315	.787									.433	.220	.551

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand, L = Left hand

Tolerances:

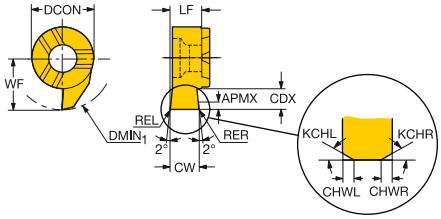
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MB..G	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008

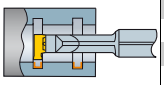
F2 B170 B183 H37 H25

CoroCut® MB solid carbide head for grooving

For circlip grooves





	CZC$_{MS}$	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm, inch DCON	LF	WF
	07	0.73	45°	45°	0.04	0.04	1.2	10.0	MB-07G070-00-10R/L	★	★	★	★	★	7	3.8	5.8
		.029	45°	45°	.002	.002	.047	.394							.276	.150	.228
	07	0.83	45°	45°	0.04	0.04	1.3	10.0	MB-07G080-00-10R/L	★	★	★	★	★	7	3.8	5.8
		.033	45°	45°	.002	.002	.051	.394							.276	.150	.228
	07	0.93	45°	45°	0.04	0.04	1.5	10.0	MB-07G090-00-10R/L	★	★	★	★	★	7	3.8	5.8
		.037	45°	45°	.002	.002	.059	.394							.276	.150	.228
	07	1.20	45°	45°	0.04	0.04	1.8	10.0	MB-07G120-00-10R/L	★	★	★	★	★	7	3.9	5.8
		.047	45°	45°	.002	.002	.071	.394							.276	.154	.228
	07	1.40	45°	45°	0.04	0.04	1.8	10.0	MB-07G140-00-10R/L	★	★	★	★	★	7	3.9	5.8
		.055	45°	45°	.002	.002	.071	.394							.276	.154	.228
	07	1.70	45°	45°	0.04	0.04	1.8	10.0	MB-07G170-00-10R/L	★	★	★	★	★	7	3.9	5.8
		.067	45°	45°	.002	.002	.071	.394							.276	.154	.228
	09	0.73	45°	45°	0.04	0.04	1.2	14.0	MB-09G070-00-14R/L	★	★	★	★	★	9	5.2	9.0
		.029	45°	45°	.002	.002	.047	.551							.354	.205	.354
	09	0.83	45°	45°	0.04	0.04	1.3	14.0	MB-09G080-00-14R/L	★	★	★	★	★	9	5.2	9.0
		.033	45°	45°	.002	.002	.051	.551							.354	.205	.354
	09	0.93	45°	45°	0.04	0.04	1.5	14.0	MB-09G090-00-14R/L	★	★	★	★	★	9	5.2	9.0
		.037	45°	45°	.002	.002	.059	.551							.354	.205	.354
	09	1.20	45°	45°	0.04	0.04	4.0	14.0	MB-09G120-00-14R/L	★	★	★	★	★	9	5.3	9.0
		.047	45°	45°	.002	.002	.157	.551							.354	.209	.354
	09	1.40	45°	45°	0.04	0.04	4.0	14.0	MB-09G140-00-14R/L	★	★	★	★	★	9	5.3	9.0
		.055	45°	45°	.002	.002	.157	.551							.354	.209	.354
	09	1.70	45°	45°	0.04	0.04	4.0	14.0	MB-09G170-00-14R/L	★	★	★	★	★	9	5.3	9.0
		.067	45°	45°	.002	.002	.157	.551							.354	.209	.354

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand, L = Left hand

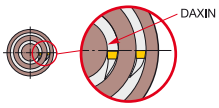
Tolerances:

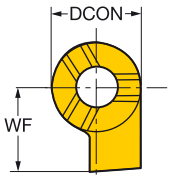
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"
MB..G (CIRCLIP)	0.000	0.030	.0000	.0012

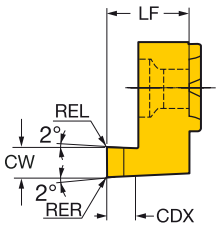
F2 B170 B183 H37 H25

CoroCut® MB solid carbide head for face grooving

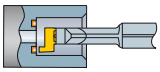






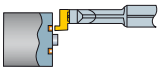


A curve



CZC$_{MS}$	CW	REL	RER	KCHL	KCHR	CHWL	CDX	DAXIN	OHN	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	DCON	LF	WF	CWTOLL	CWTOLU	RETOLL	RETOLU
																Dimensions, mm, inch						
09	1.00			45°	45°	0.40	1.5	12.0		MB-09FA100-00-14R/L	★	★	★	★	★	9	8.3	9.0	0.000	0.050		
	.039			*45°*	*45°*	*.016*	*.059*	*.472*								*.354*	*.327*	*.354*	*.0000*	*.0020*		
09	1.50	0.20	0.20				2.5	11.0		MB-09FA150-02-14R/L	★	★	★	★	★	9	8.3	9.0	0.000	0.050	-0.02	0.02
	.059	*.008*	*.008*				*.098*	*.433*								*.354*	*.327*	*.354*	*.0000*	*.0020*	*-.0008*	*.0008*
09	2.00	0.20	0.20				5.0	10.0		MB-09FA200-02-14R/L	★	★	★	★	★	9	10.3	9.0	0.000	0.050	-0.02	0.02
	.079	*.008*	*.008*				*.197*	*.394*								*.354*	*.406*	*.354*	*.0000*	*.0020*	*-.0008*	*.0008*
09	2.50	0.20	0.20				5.0	9.0		MB-09FA250-02-14R/L	★	★	★	★	★	9	10.3	9.0	0.000	0.050	-0.02	0.02
	.098	*.008*	*.008*				*.197*	*.354*								*.354*	*.406*	*.354*	*.0000*	*.0020*	*-.0008*	*.0008*
09	3.00	0.20	0.20				5.0	8.0		MB-09FA300-02-14R/L	★	★	★	★	★	9	10.3	9.0	0.000	0.050	-0.02	0.02
	.118	*.008*	*.008*				*.197*	*.315*								*.354*	*.406*	*.354*	*.0000*	*.0020*	*-.0008*	*.0008*
09	3.18	0.20	0.20				5.0	7.6	10.3	MB-09FA318-02-14R/L	★	★	★	★	★	9	10.3	9.0	0.000	0.050	-0.02	0.02
	.125	*.008*	*.008*				*.197*	*.301*	*.406*							*.354*	*.406*	*.354*	*.0000*	*.0020*	*-.0008*	*.0008*
11	3.00	0.20	0.20				10.0	10.0		MB-11FA300-02-16R/L	★	★	★	★	★	11	15.8	11.0	0.000	0.050	-0.02	0.02
	.118	*.008*	*.008*				*.394*	*.394*								*.433*	*.622*	*.433*	*.0000*	*.0020*	*-.0008*	*.0008*
11	4.00	0.20	0.20				10.0	8.0		MB-11FA400-02-16R/L	★	★	★	★	★	11	15.8	12.0	0.000	0.050	-0.02	0.02
	.157	*.008*	*.008*				*.394*	*.315*								*.433*	*.622*	*.472*	*.0000*	*.0020*	*-.0008*	*.0008*

B curve



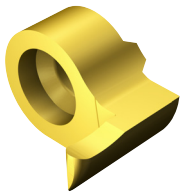
CZC$_{MS}$	CW	REL	RER	KCHL	KCHR	CHWL	CDX	DAXIN	OHN	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	DCON	LF	WF	CWTOLL	CWTOLU	RETOLL	RETOLU
																Dimensions, mm, inch						
09	1.00			45°	45°	0.40	1.5	10.0		MB-09FB100-00-14R/L	★	★	★	★	★	9	8.3	7.0	0.000	0.050		
	.039			*45°*	*45°*	*.016*	*.059*	*.394*								*.354*	*.327*	*.276*	*.0000*	*.0020*		
09	1.50	0.20	0.20				2.5	9.0		MB-09FB150-02-14R/L	★	★	★	★	★	9	8.3	7.5	0.000	0.050	-0.02	0.02
	.059	*.008*	*.008*				*.098*	*.354*								*.354*	*.327*	*.295*	*.0000*	*.0020*	*-.0008*	*.0008*
09	2.00	0.20	0.20				5.0	8.0		MB-09FB200-02-14R/L	★	★	★	★	★	9	10.3	8.0	0.000	0.050	-0.02	0.02
	.079	*.008*	*.008*				*.197*	*.315*								*.354*	*.406*	*.315*	*.0000*	*.0020*	*-.0008*	*.0008*
09	2.50	0.20	0.20				5.0	7.0		MB-09FB250-02-14R/L	★	★	★	★	★	9	10.3	8.5	0.000	0.050	-0.02	0.02
	.098	*.008*	*.008*				*.197*	*.276*								*.354*	*.406*	*.335*	*.0000*	*.0020*	*-.0008*	*.0008*
09	3.00	0.20	0.20				5.0	6.0		MB-09FB300-02-14R/L	★	★	★	★	★	9	10.3	9.0	0.000	0.050	-0.02	0.02
	.118	*.008*	*.008*				*.197*	*.236*								*.354*	*.406*	*.354*	*.0000*	*.0020*	*-.0008*	*.0008*
09	3.18	0.20	0.20				5.0	5.6	10.3	MB-09FB318-02-12R/L	★	★	★	★	★	9	10.3	9.2	0.000	0.030	0.02	0.02
	.125	*.008*	*.008*				*.197*	*.222*	*.406*							*.354*	*.406*	*.361*	*.0000*	*.0012*	*.0008*	*.0008*
11	3.00	0.20	0.20				10.0	10.0		MB-11FB300-02-16R/L	★	★	★	★	★	11	15.8	11.0	0.000	0.050	-0.02	0.02
	.118	*.008*	*.008*				*.394*	*.394*								*.433*	*.622*	*.433*	*.0000*	*.0020*	*-.0008*	*.0008*
11	4.00	0.20	0.20				10.0	8.0		MB-11FB400-02-16R/L	★	★	★	★	★	11	15.8	11.5	0.000	0.050	-0.02	0.02
	.157	*.008*	*.008*				*.394*	*.315*								*.433*	*.622*	*.453*	*.0000*	*.0020*	*-.0008*	*.0008*

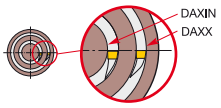
CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

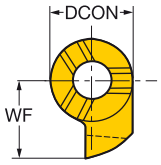
R = Right hand, L = Left hand

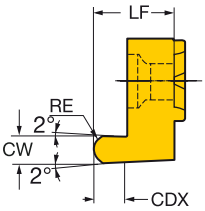
F2 B170 B183 H37 H25

CoroCut® MB solid carbide head for face grooving

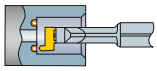


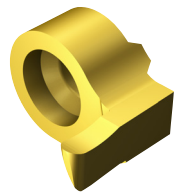


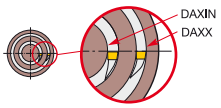


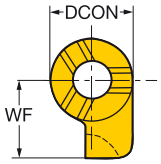


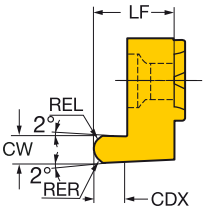
A curve

	CZC$_{MS}$	CW	REL	RER	CDX	DAXIN	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm, inch DCON	LF	WF
	09	1.00	0.50	0.50	1.5	12.0	MB-09FAR100-05-14R/L	★	★	★	★	★	9	8.3	9.0
		.039	*.020*	*.020*	*.059*	*.472*							*.354*	*.327*	*.354*
	09	1.50	0.75	0.75	2.5	11.0	MB-09FAR150-075-14R/L	★	★	★	★	★	9	8.3	9.0
		.059	*.030*	*.030*	*.098*	*.433*							*.354*	*.327*	*.354*
	09	2.00	1.00	1.00	5.0	10.0	MB-09FAR200-10-14R/L	★	★	★	★	★	9	10.3	9.0
		.079	*.039*	*.039*	*.197*	*.394*							*.354*	*.406*	*.354*
	09	2.50	1.25	1.25	5.0	9.0	MB-09FAR250-125-14R/L	★	★	★	★	★	9	10.3	9.0
		.098	*.049*	*.049*	*.197*	*.354*							*.354*	*.406*	*.354*
	09	3.00	1.50	1.50	5.0	8.0	MB-09FAR300-15-14R/L	★	★	★	★	★	9	10.3	9.0
		.118	*.059*	*.059*	*.197*	*.315*							*.354*	*.406*	*.354*

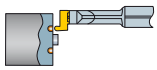








B curve

	CZC$_{MS}$	CW	REL	RER	CDX	DAXIN	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm, inch DCON	LF	WF
	09	1.00	0.50	0.50	1.5	10.0	MB-09FBR100-05-12R/L	★	★	★	★	★	9	8.3	7.0
		.039	*.020*	*.020*	*.059*	*.394*							*.354*	*.327*	*.276*
	09	1.50	0.75	0.75	2.5	9.0	MB-09FBR150-075-14R/L	★	★	★	★	★	9	8.3	7.5
		.059	*.030*	*.030*	*.098*	*.354*							*.354*	*.327*	*.295*
	09	2.00	1.00	1.00	5.0	8.0	MB-09FBR200-10-14R/L	★	★	★	★	★	9	10.3	8.0
		.079	*.039*	*.039*	*.197*	*.315*							*.354*	*.406*	*.315*
	09	2.50	1.25	1.25	5.0	7.0	MB-09FBR250-125-14R/L	★	★	★	★	★	9	10.3	8.5
		.098	*.049*	*.049*	*.197*	*.276*							*.354*	*.406*	*.335*
	09	3.00	1.50	1.50	5.0	6.0	MB-09FBR300-15-14R/L	★	★	★	★	★	9	10.3	9.0
		.118	*.059*	*.059*	*.197*	*.236*							*.354*	*.406*	*.354*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MB..FAR	0.000	0.030	.0000	.0012	0.00	0.02	.0000	.0006
MB..FBR	0.000	0.030	.0000	.0012	0.00	0.02	.0000	.0006

F2 B170 B183 H37 H25

Cutting speed recommendations, metric values

The recommendations are valid for use with cutting fluid.

ISO P		Steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC3115	GC4325
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.5	0.05-0.5	0.05-0.5
MC No.	No.	Material	N/mm²	HB	Cutting speed (V_c), m/min		
		Unalloyed					
P1.1.Z.AN	01.1	C = 0.1–0.25%	1500	125	235-170	355-185	340-180
P1.2.Z.AN	01.2	C = 0.25–0.55%	1600	150	220-155	330-140	315-140
P1.3.Z.AN	01.3	C = 0.55–0.80%	1700	170	210-145	300-125	290-120
		Low-alloy ≤5%					
P2.1.Z.AN	02.1	Non-hardened	1700	180	205-145	290-135	280-130
P2.5.Z.HT	02.2	Hardened and tempered	1850	275	185-120	270-105	265-100
P2.5.Z.HT	02.2	Hardened and tempered	2050	350	150-100	220-85	215-80
		High-alloy >5%					
P3.0.Z.AN	03.11	Annealed	1950	200	130-100	260-115	255-105
P3.0.Z.HT	03.21	Hardened tool steel	3000	325	80-55	205-75	195-75
		Castings					
P1.5.C.UT	06.1	Unalloyed	1550	180	150-100	175-75	165-70
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	1600	200	135-85	200-90	190-85
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	2050	225	115-70	160-75	130-95
P3.2.C.AQ	06.33	Manganese steel, 12–14% Mn	2900	250	75-50	90-50	85-45

ISO M		Stainless steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC1105	GC1005
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.5	0.05-0.5	0.05-0.5
MC No.	No.	Material	N/mm²	HB	Cutting speed (V_c), m/min		
		Ferritic/martensitic					
		Bars/forged					
P5.0.Z.AN	05.11	Non-hardened	1800	200	195-135	235-110	400-175
P5.0.Z.PH	05.12	PH-hardened	2850	330	135-95	185-85	215-95
P5.0.Z.HT	05.13	Hardened	2350	330	150-100	200-90	255-110
		Austenitic					
		Bars/forged					
M1.0.Z.AQ	05.21	Austenitic	1800	180	190-130	265-125	435-190
M1.0.Z.PH	05.22	PH-hardened	2850	330	115-80	185-90	235-100
M2.0.Z.AQ	05.23	Super austenitic	2250	200	130-90	200-95	260-115
		Austenitic-ferritic (Duplex)					
		Bars/forged					
M3.1.Z.AQ	05.51	Non-weldable ≥ 0.05%C	2000	230	115-90	225-105	335-145
M3.2.Z.AQ	05.52	Weldable < 0.05%C	2450	260	90-70	185-90	300-130
		Ferritic/martensitic					
		Cast					
P5.0.C.UT	15.11	Non-hardened	1700	200	165-115	-	-
P5.0.C.HT	15.13	Hardened	2150	330	110-75	-	-
		Austenitic					
		Cast					
M1.0.C.UT	15.21	Austenitic	1700	180	160-110	-	-
	15.22	PH-hardened	2450	330	95-65	-	-
		Austenitic-ferritic (Duplex)					
		Cast					
M3.1.C.AQ	15.51	Non-weldable ≥ 0.05%C	1800	230	100-80	-	-
M3.2.C.AQ	15.52	Weldable < 0.05%C	2250	260	80-60	-	-

ISO K		Cast iron	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					GC3115	GC4225	GC1125
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.5	0.05-0.5	0.05-0.5
MC No.	No.	Material	N/mm²	HB	Cutting speed (V_c), m/min		
		Malleable					
	07.1	Ferritic (short chipping)	790	130	340-170	320-170	255-125
K1.1.C.NS	07.2	Pearlitic (long chipping)	900	230	250-115	235-110	170-95
		Gray					
K2.1.C.UT	08.1	Low tensile strength	890	180	290-140	275-130	210-110
K2.2.C.UT	08.2	High tensile strength	970	220	250-120	240-115	175-90
		Nodular SG iron					
K3.1.C.UT	09.1	Ferritic	900	160	260-115	250-105	185-95
K3.3.C.UT	09.2	Pearlitic	1350	250	205-100	195-90	150-75
K3.4.C.UT	09.3	Martensitic	2100	380	145-70	140-70	100-55

TOUGHNESS >>>>						
GC1115	**GC1125**	**GC1025**	**GC1135**	**GC1145**	**GC235**	
0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	
360-180 325-145 290-130	295-145 265-115 235-105	235-115 210-90 185-85	205-100 180-75 175-70	200-100 185-75 175-70	165-130 150-120 140-105	
290-135 250-115 200-95	235-110 205-95 165-75	185-85 165-75 135-60	175-80 155-70 125-55	180-85 165-70 130-55	140-110 120-85 95-70	
255-115 185-75	205-95 150-65	170-75 120-50	155-70 105-45	160-75 105-45	70-60 45-33	
- - - -	135-65 160-85 120-50 70-40	110-55 130-65 80-45 55-30	105-50 120-60 90-40 50-29	110-50 125-65 85-38 -	100-70 90-55 80-45 100-80	

TOUGHNESS >>>>							
GC1115	**GC1125**	**GC1025**	**GC1135**	**GC1145**	**GC235**	**H13A**	
0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	
235-110 185-85 200-90	190-85 150-65 160-70	160-70 120-55 130-55	145-65 110-45 120-50	150-60 110-45 125-50	130-100 90-70 100-75	90-70 60-40 70-50	
265-125 185-90 200-95	215-100 150-70 160-75	175-80 120-55 130-60	165-70 105-50 115-55	165-65 110-50 105-50	125-95 75-55 85-65	100-65 50-33 65-45	
225-105 185-90	180-85 150-70	145-70 120-55	135-60 110-50	145-60 115-50	125-95 95-70	- -	
215-100 -	175-80 145-65	140-65 120-50	130-60 110-45	140-55 115-45	110-85 70-55	75-60 50-38	
230-110 150-80	185-90 120-65	150-70 95-50	135-60 90-45	145-60 90-45	105-80 65-50	70-45 45-29	
195-95 155-80	155-75 125-65	125-60 105-50	115-55 95-45	120-55 95-45	110-85 85-60	- -	

TOUGHNESS >>>>							
GC1125	**GC1025**	**H13A**	**GC1135**				
0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5				
255-125 170-95	205-100 140-75	100-85 70-55	320-170 235-110				
210-110 175-90	170-85 140-70	80-65 80-60	275-130 240-115				
185-95 150-75 100-55	150-80 120-60 85-45	70-55 60-45 40-30	250-105 195-90 140-70				

Cutting speed recommendations, metric values

The recommendations are valid for use with cutting fluid.

ISO N	CMC No.	Non-ferrous material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CD10	GC1005	H10
					h_{ex}, mm ≈ feed f_n, mm/r		
					0.05-0.5	0.06-0.31	0.05-0.8
MC No.		Material	N/mm²	HB	Cutting speed (V_c), m/min		
		Aluminum alloys					
N1.2.Z.UT	30.11	Wrought or wrought and coldworked, non-aging	400	60	2100 (2650 - 265)	1900 (2400 - 240)	1800 (2250-225)
N1.2.Z.AG	30.12		650	100	2100 (2650 - 265)	1900 (2400 - 240)	1800 (2250-225)
		Aluminum alloys					
N1.3.C.UT	30.21	Cast, non-aging	600	75	2100 (2650 - 265)	1900 (2400 - 240)	1800 (2250-225)
N1.3.C.AG	30.22	Cast or cast and aged	700	90	2100 (2650 - 265)	1900 (2400 - 240)	1800 (2250-225)
		Aluminum alloys					
	30.41	Cast, 13–15% Si	700	130	1600 (2000 - 200)	500 (630 - 65)	450 (560-55)
N1.4.C.NS	30.42	Cast, 16–22% Si	700	130	800 (1000 - 100)	350 (440 - 45)	300 (375-38)
		Copper and copper alloys					
N3.3.U.UT	33.1	Free cutting alloys, ≥1% Pb	550	110	600 (750 - 75)	500 (630 - 65)	500 (630-65)
N3.2.C.UT	33.2	Brass, leaded bronzes, ≤1% Pb	550	90	600 (750 - 75)	500 (630 - 65)	500 (630-65)
N3.1.U.UT	33.3	Bronze and non-leaded copper incl. electrolytic copper	1350	100	300 (375 - 38)	300 (375 - 38)	300 (375-38)

ISO S	CMC No.	Heat resistant super alloys	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					S05F	GC1105	GC1005
					h_{ex}, mm ≈ feed f_n, mm/r		
					0.05-0.3	0.05-0.3	0.05-0.3
MC No.		Material	N/mm²	HB	Cutting speed (V_c), m/min		
		Iron base					
S1.0.U.AN	20.11	Annealed or solution treated	2400	200	200-135	180-120	70-38
S1.0.U.AG	20.12	Aged or solution treated and aged	2500	280	165-110	150-100	150-100
		Nickel base					
S2.0.Z.AN	20.21	Annealed or solution treated	2650	250	100-60	90-55	90-55
S2.0.Z.AG	20.22	Aged or solution treated and aged	2900	350	90-60	80-50	80-50
S2.0.C.NS	20.24	Cast or cast and aged	3000	320	80-50	70-45	70-45
		Cobalt base					
S3.0.Z.AN	20.31	Annealed or solution treated	2700	200	100-65	90-60	90-60
S3.0.Z.AG	20.32	Solution treated and aged	3000	300	90-55	80-50	80-50
S3.0.C.NS	20.33	Cast or cast and aged	3100	320	80-50	70-45	70-45
		Titanium alloys		Rm[1]			
S4.1.Z.UT	23.1	Commercial pure (99.5% Ti)	1300	400	-	-	-
S4.2.Z.AN	23.21	α, near α and α + β alloys, annealed	1400	950	-	-	-
S4.3.Z.AG	23.22	α + β alloys in aged conditions, β alloys, annealed or aged	1400	1050	-	-	-

ISO H	CMC No.	Material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CB20	CC670	CB7015
					h_{ex}, mm ≈ feed f_n, mm/r		
					0.05-0.1	0.05-0.1	0.05-0.1
MC No.		Hardened material	N/mm²	HB	Cutting speed (V_c), m/min		
		Extra hard steel					
H1.3.Z.HA	04.1	Hardened and tempered	4300	60 HRC	125-120	110-100	145-135
		Chilled					
H2.0.C.UT	10.1	Cast or cast and aged	2250	400	200-195	110-100	-

1) Rm = ultimate tensile strength measured in MPa.

TOUGHNESS >>>>							
GC1125	**GC1025**	**H13A**					
0.05-0.8	0.05-0.8	0.05-0.8					
1500 (1900 - 190) 1500 (1900 - 190)	1500 (1900 - 190) 1500 (1900 - 190)	1500 (1900 - 190) 1500 (1900 - 190)					
1500 (1900 - 190) 1500 (1900 - 190) 400 (500 - 50) 250 (315 - 31)	1500 (1900 - 190) 1500 (1900 - 190) 400 (500 - 50) 250 (315 - 31)	1500 (1900 - 190) 1500 (1900 - 190) 400 (500 - 50) 250 (315 - 31)					
350 (440 - 45) 400 (500 - 50) 250 (315 - 31)	350 (440 - 45) 400 (500 - 50) 250 (315 - 31)	350 (440 - 45) 400 (500 - 50) 250 (315 - 31)					

TOUGHNESS >>>>									
H10	**GC1115**	**GC1125**	**GC1025**	**H13A**	**GC1135**	**GC1145**	**GC235**	**CC670**	**CB7015**
0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3
- -	100-55 70-40	80-45 55-33	60-35 45-28	50-37 40-26	50-29 40-26	45-34 45-30	50-37 40-26	- -	- -
- - -	65-40 60-32 45-23	50-32 45-26 35-18	45-28 40-22 30-16	30-23 20-13 20-13	40-26 35-21 25-10	29-23 19-13 20-13	30-23 20-13 20-13	600-320 500-250 250-120	400-300 350-250 200-125
- - -	70-50 60-32 45-23	55-38 45-26 35-18	50-33 40-22 30-16	35-27 23-15 20-13	45-28 35-17 25-14	34-23 23-12 19-13	35-27 23-15 20-13	410-220 350-210 320-150	250-150 250-150 200-125
190-150 80-60 70-55	310-140 100-55 95-45	220-100 80-45 75-37	190-95 65-37 60-32	175-145 70-60 65-55	170-80 65-35 60-30	- - -	- - -	- - -	- - -

TOUGHNESS >>>>								

Cutting speed recommendations, inch values

The recommendations are valid for use with cutting fluid.

ISO P		Steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC3115	GC4325
					Feed f_n, inch/rev		
	CMC				.002-.020	.002-.020	.002-.020
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Unalloyed					
P1.1.Z.AN	01.1	C = 0.1–0.25%	216,500	125	770-550	1150-610	1100-590
P1.2.Z.AN	01.2	C = 0.25–0.55%	233,000	150	720-510	1050-460	1050-460
P1.3.Z.AN	01.3	C = 0.55–0.80%	247,000	170	690-475	980-405	950-395
		Low-alloy ≤5%					
P2.1.Z.AN	02.1	Non-hardened	249,500	180	670-475	950-440	920-415
P2.5.Z.HT	02.2	Hardened and tempered	268,000	275	600-400	880-335	860-320
P2.5.Z.HT	02.2	Hardened and tempered	298,000	350	485-320	710-270	700-255
		High-alloy >5%					
P3.5.Z.AN	03.11	Annealed	282,000	200	425-320	840-375	830-345
P3.5.Z.HT	03.21	Hardened tool steel	435,000	325	260-180	670-245	640-235
		Castings					
P1.5.C.UT	06.1	Unalloyed	225,000	180	490-330	570-235	540-230
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	230,500	200	440-280	650-290	620-280
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	300,500	225	375-230	520-245	425-315
P3.2.C.AQ	06.33	Manganese steel, 12–14% Mn	420,500	250	245-165	290-155	275-145

ISO M		Stainless steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC1105	GC1005
					Feed f_n, inch/rev		
	CMC				.002-.020	.002-.020	.002-.020
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Ferritic/martensitic					
		Bars/forged					
P5.0.Z.AN	05.11	Non-hardened	262,000	200	640-440	770-360	1300-570
P5.0.Z.PH	05.12	PH-hardened	411,500	330	450-310	610-280	710-305
P5.0.Z.HT	05.13	Hardened	340,000	330	485-330	660-295	840-365
		Austenitic					
		Bars/forged					
M1.0.Z.AQ	05.21	Austenitic	259,000	180	620-430	870-410	1450-610
M1.0.Z.PH	05.22	PH-hardened	414,000	330	370-255	610-295	770-330
M2.0.Z.AQ	05.23	Super austenitic	328,000	200	420-290	660-315	860-370
		Austenitic-ferritic (Duplex)					
		Bars/forged					
M3.1.Z.AQ	05.51	Non-weldable ≥ 0.05%C	286,500	230	375-295	740-345	1100-475
M3.2.Z.AQ	05.52	Weldable < 0.05%C	356,500	260	295-225	610-295	980-420
		Ferritic/martensitic					
		Cast					
P5.0.C.UT	15.11	Non-hardened	246,500	200	540-375	-	-
P5.0.C.HT	15.13	Hardened	311,000	330	355-245	-	-
		Austenitic					
		Cast					
M1.0.C.UT	15.21	Austenitic	248,000	180	520-360	-	-
	15.22	PH-hardened	356,000	330	320-220	-	-
		Austenitic-ferritic (Duplex)					
		Cast					
M3.1.C.AQ	15.51	Non-weldable ≥ 0.05%C	258,000	230	335-260	-	-
M3.2.C.AQ	15.52	Weldable < 0.05%C	326,500	260	260-200	-	-

ISO K		Cast iron	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					GC3115	GC4325	GC1125
					Feed f_n, inch/rev		
	CMC				.002-.020	.002-.020	.002-.020
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Malleable					
	07.1	Ferritic (short chipping)	115,000	130	1100-560	1050-550	830-415
K1.1.C.NS	07.2	Pearlitic (long chipping)	131,000	230	810-370	760-350	560-310
		Gray					
K2.1.C.UT	08.1	Low tensile strength	130,000	180	950-450	900-430	680-365
K2.2.C.UT	08.2	High tensile strength	140,500	220	810-395	780-370	570-295
		Nodular SG iron					
K3.1.C.UT	09.1	Ferritic	130,000	160	850-375	810-350	600-320
K3.3.C.UT	09.2	Pearlitic	194,500	250	670-325	640-300	485-250
K3.4.C.UT	09.3	Martensitic	307,500	380	470-230	450-220	330-180

TOUGHNESS >>>>						
GC1115	**GC1125**	**GC1025**	**GC1135**	**GC1145**	**GC235**	
.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	
1200-580 1050-470 950-415	960-475 860-380 770-340	770-370 680-295 610-270	670-330 590-250 570-235	650-330 600-245 570-225	530-430 490-385 460-345	
940-450 820-375 660-305	770-365 660-305 530-245	600-280 540-245 435-195	570-260 500-220 400-180	580-275 530-230 425-185	460-355 390-275 315-220	
830-380 600-250	670-305 490-205	550-250 395-160	500-225 335-140	520-235 350-140	230-205 145-110	
- - - -	440-210 520-275 395-170 225-130	365-175 425-220 265-155 180-95	335-160 390-200 295-130 160-95	360-170 410-205 280-120 -	325-220 295-185 260-155 325-260	

TOUGHNESS >>>>							
GC1115	**GC1125**	**GC1025**	**GC1135**	**GC1145**	**GC235**	**H13A**	
.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	
770-355 600-275 650-295	620-285 480-220 520-235	520-230 385-170 420-185	470-210 350-150 385-165	485-195 365-150 410-170	425-320 300-225 320-245	295-225 195-130 220-170	
870-415 600-290 650-315	700-335 485-230 520-250	570-270 385-180 415-200	530-230 340-160 370-180	530-215 355-165 335-160	415-315 245-185 280-210	320-215 160-110 215-145	
730-350 610-295	580-280 490-235	475-225 390-185	440-190 360-165	470-195 375-165	410-310 310-230	- -	
700-325 -	560-260 470-215	455-205 390-170	425-190 360-150	450-175 375-150	360-275 235-180	250-190 165-125	
750-365 495-260	600-290 395-205	485-230 310-160	445-190 295-145	470-195 300-140	350-265 210-160	230-155 140-95	
640-305 510-265	510-245 405-210	410-190 335-165	375-170 300-145	- -	365-275 270-205	- -	

TOUGHNESS >>>>							
GC1125	**GC1025**	**H13A**	**GC1135**				
.002-.020	.002-.020	.002-.020	.002-0.020				
830-415 560-310	670-325 455-255	325-275 230-175	1050-550 760-350				
680-365 570-295	560-280 460-235	265-210 260-200	900-430 780-370				
600-320 485-250 330-180	490-225 390-200 270-140	230-175 195-145 135-100	810-350 640-300 450-220				

Cutting speed recommendations, inch values

The recommendations are valid for use with cutting fluid.

ISO N		Non-ferrous material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CD10	GC1005	H10
					Feed f_n, inch/rev		
	CMC				.002-.020	.006-.031	.002-.020
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Aluminum alloys					
N1.2.Z.UT	30.11	Wrought or wrought and coldworked, non-aging	58,000	60	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
N1.2.Z.AG	30.12		94,500	100	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
		Aluminum alloys					
N1.3.C.UT	30.21	Cast, non-aging	87,000	75	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
N1.3.C.AG	30.22	Cast or cast and aged	101,500	90	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
	30.41	Cast, 13–15% Si	101,500	130	5250 (6550-660)	1650 (2050-205)	1500 (1900-190)
N1.4.C.NS	30.42	Cast, 16–22% Si	101,500	130	2600 (3250-325)	1150 (1450-145)	980 (1250-125)
		Copper and copper alloys					
N3.3.U.UT	33.1	Free cutting alloys, ≥1% Pb	79,500	110	1950 (2450-245)	1650 (2050-205)	1650 (2050-205)
N3.2.C.UT	33.2	Brass, leaded bronzes, ≤1% Pb	80,000	90	1950 (2450-245)	1650 (2050-205)	1650 (2050-205)
N3.1.U.UT	33.3	Bronze and non-leaded copper incl. electrolytic copper	196,000	100	980 (1250-125)	980 (1250-125)	980 (1250-125)

ISO S		Heat resistant super alloys	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					S05F	GC1105	GC1005
					Feed f_n, inch/rev		
	CMC				.002-.012	.002-.012	.002-.012
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Iron base					
S1.0.U.AN	20.11	Annealed or solution treated	348,000	200	660-435	590-385	590-385
S1.0.U.AG	20.12	Aged or solution treated and aged	359,000	280	550-360	490-320	490-320
		Nickel base					
S2.0.Z.AN	20.21	Annealed or solution treated	383,000	250	330-200	295-185	295-185
S2.0.ZAG	20.22	Aged or solution treated and aged	420,500	350	295-200	265-165	265-165
S2.0.C.NS	20.24	Cast or cast and aged	436,500	320	255-160	235-150	235-150
		Cobalt base					
S3.0.Z.AN	20.31	Annealed or solution treated	391,500	200	330-215	295-185	295-185
S3.0.Z.AG	20.32	Solution treated and aged	432,000	300	295-180	265-165	265-165
S3.0.C.NS	20.33	Cast or cast and aged	450,500	320	255-160	235-150	235-150
Titanium		**Commercial pure**		**Rm**[1]			
S4.1.Z.UT	23.1	(99.5% Ti)	188,500	**400**	-	-	-
		Titanium alloys					
S4.2.Z.AN	23.21	α, near α and α + β alloys, annealed α + β alloys in aged conditions, β alloys, annealed or aged	203,000	**950**	-	-	-
S4.3.Z.AG	23.22		203,000	**1050**	-	-	-

ISO H		Hardened material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CB20	CC670	CB7015
					Feed f_n, inch/rev		
	CMC				.002-.004	.002-.004	.002-.004
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Extra hard steel					
H1.3.Z.HA	04.1	Hardened and tempered	625,500	60 HRC	420-400	355-320	475-450
		Chilled					
H2.0.C.UT	10.1	Cast or cast and aged	326,500	400	650-640	360-325	-

1) Rm = ultimate tensile strength measured in MPa.

TOUGHNESS >>>>						
GC1125	GC1025	H13A				
.002-.031	002-.031	.002-.031				
4900 (6150-610) 4900 (6150-610)	4900 (6150-610) 4900 (6150-610)	4900 (6150-610) 4900 (6150-610)				
4900 (6150-610) 4900 (6150-610)	4900 (6150-610) 4900 (6150-610)	4900 (6150-610) 4900 (6150-610)				
1300 (1650-165) 820 (1050-105) 1150 (1450-145) 1300 (1650-165) 820 (1050-105)	1300 (1650-165) 820 (1050-105) 1150 (1450-145) 1300 (1650-165) 820 (1050-105)	1300 (1650-165) 820 (1050-105) 1150 (1450-145) 1300 (1650-165) 820 (1050-105)				

TOUGHNESS >>>>									
H10	GC1115	GC1125	GC1025	H13A	GC1135	GC1145	GC235	CC670	CB7015
.002-.012	.002-.012	.002-.012	.002-.012	.002-.012	.002-.012	.002-.012	.002-.012	.002-.012	.002-.012
- -	330-180 235-135	260-140 185-110	195-115 145-90	165-120 130-85	165-95 130-85	150-145 115-75	165-120 130-85	- -	- -
- - -	215-130 190-105 140-75	170-105 150-85 115-60	145-90 130-75 100-50	100-75 65-45 65-45	130-85 115-70 80-31	95-75 65-40 65-40	100-75 65-45 65-45	1950-1050 1650-810 820-390	1300-980 1150-820 650-410
- - -	235-155 190-105 140-75	185-125 150-85 115-60	165-110 130-75 100-50	115-90 75-50 65-45	145-90 115-55 80-45	115-75 75-37 65-40	115-90 75-50 65-45	1350-720 1150-680 1050-490	820-490 820-490 650-410
620-485	1000-455	720-325	620-310	570-470	550-265	-	-	-	-
255-195 230-180	330-180 310-155	265-140 245-120	210-120 200-105	235-190 215-175	- -	- -	- -	- -	- -

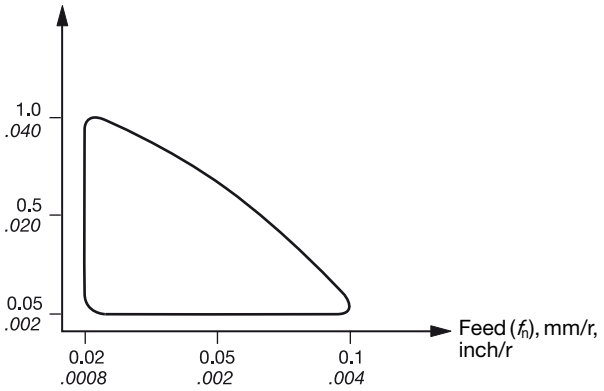
TOUGHNESS >>>>						

Cutting data recommendations for CoroCut® MB

Turning

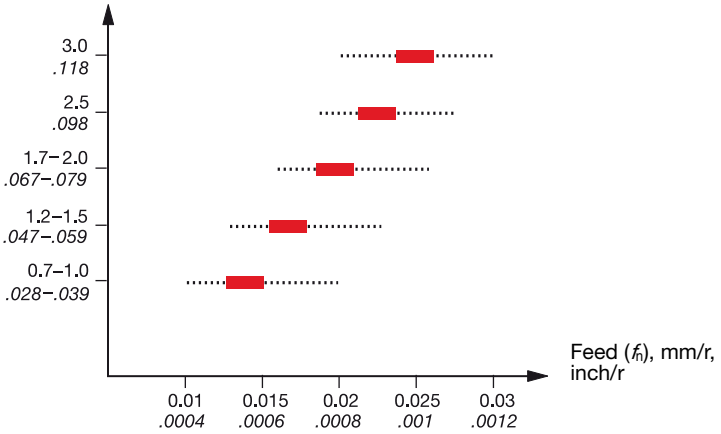
Insert size 07

Cutting depth (a_p), mm, inch



Grooving and face grooving

Insert width (CW), mm, inch



■ = Recommended starting value.

Threading (Infeed recommendations)

Thread	Insert	a_p mm	a_p inch	*nap*
V-profile 60°	MB-07TH050VM-10R/L	0.33	.013	4
	MB-07TH100VM-10R/L	0.64	.025	5
	MB-07TH150VM-10R/L	0.89	.035	6
	MB-07TH200VM-10R/L	1.19	.047	8
	MB-07TH250VM-10R/L	1.50	.059	10
Metric 60°	MB-07TH050MM-10R/L	0.33	.013	4
	MB-07TH100MM-10R/L	0.64	.025	5
	MB-07TH150MM-10R/L	0.89	.035	6
	MB-07TH175MM-10R/L	1.07	.042	8
	MB-07TH200MM-10R/L	1.19	.047	8
	MB-07TH250MM-10R/L	1.50	.059	10
UN 60°	MB-07TH320UN-10R/L	0.48	.019	4
	MB-07TH280UN-10R/L	0.58	.023	5
	MB-07TH240UN-10R/L	0.66	.026	5
	MB-07TH200UN-10R/L	0.79	.031	6
	MB-07TH180UN-10R/L	0.86	.034	6
	MB-07TH160UN-10R/L	0.94	.037	7
	MB-07TH140UN-10R/L	1.09	.043	8
Whitworth 55°	MB-07TH190WH-10R/L	0.91	.036	6
	MB-07TH140WH-10R/L	1.21	.048	8
	MB-07TH110WH-10R/L	1.54	.061	9
NPT 60°	MB-07TH180NT-10R/L	1.11	.044	8
	MB-07TH140NT-10R/L	1.42	.056	10

Thread	Insert	a_p mm	a_p inch	*nap*
ACME 29°	MB-07TH160AC-11R	0.96	.038	6
	MB-07TH140AC-11R	1.09	.043	7
	MB-07TH120AC-11R	1.24	.049	8
	MB-07TH100AC-11R	1.60	.063	10
	MB-07TH080AC-11R	1.90	.075	12
STUB-ACME 29°	MB-07TH160SA-10R	0.66	.026	5
	MB-07TH140SA-10R	0.74	.029	5
	MB-07TH120SA-10R	0.81	.032	6
	MB-07TH100SA-10R	1.09	.043	7
	MB-07TH080SA-10R	1.27	.050	8

a_p = total depth of thread
nap = number of passes

Cutting speed recommendations

Cutting speed (v_c), m/min (ft/min)

	P	M	N	S
Grade 1025	60-200 (195-655)	60-180 (195-590)	90-400 (295-1310)	20-50 (65-165)

	H
Grade CB7015	60-200 (195-655)

Cutting data recommendations for CoroTurn® XS

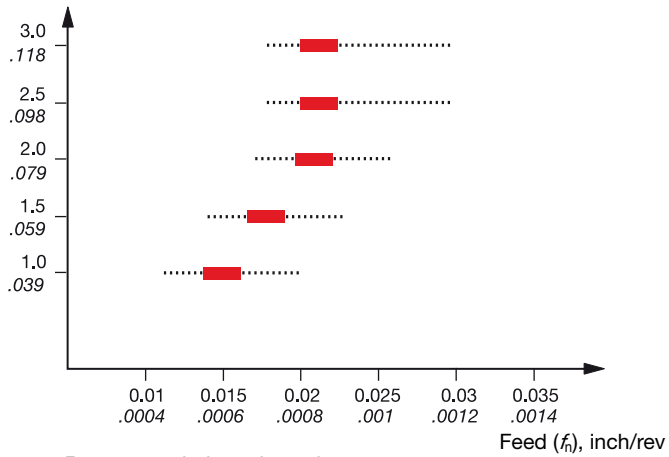
Turning inserts

Insert size	Dimensions, mm, inch				Application area							
					General turning/Back boring							
					Rec. depth of cut				Rec. cutting feed			
dm_m	WB mm	WB inch	RE mm	RE inch	a_p mm	Min – Max	a_p inch	Min – Max	f_n mm/r	Min – Max	f_n inch/r	Min – Max
04	0.18	.007	–	–	0.05	(0.01 – 0.08)	.0020	(.0004 – .0031)	0.007	(0.050 – 0.015)	.00028	(.00020 – .00059)
04	0.28	.011	–	–	0.06	(0.01 – 0.10)	.0024	(.0004 – .0041)	0.010	(0.050 – 0.014)	.00039	(.00020 – .00059)
04	0.38	.015	–	–	0.08	(0.01 – 0.15)	.0031	(.0004 – .0059)	0.012	(0.008 – 0.017)	.00047	(.00032 – .00067)
04	0.46	.018	–	–	0.09	(0.01 – 0.20)	.0035	(.0004 – .0071)	0.015	(0.010 – 0.020)	.00059	(.00039 – .00079)
04	0.56	.022	–	–	0.12	(0.01 – 0.22)	.0047	(.0004 – .0087)	0.018	(0.010 – 0.025)	.00071	(.00039 – .00098)
04	0.63	.025	–	–	0.15	(0.01 – 0.25)	.0059	(.0004 – .0098)	0.020	(0.012 – 0.025)	.00079	(.00047 – .00098)
04	0.66	.026	0.05	.002	0.15	(0.05 – 0.30)	.0059	(.0020 – .0118)	0.020	(0.012 – 0.030)	.00079	(.00047 – .00118)
04	0.66	.026	0.10	.004	0.15	(0.09 – 0.30)	.0059	(.0039 – .0118)	0.020	(0.015 – 0.080)	.00079	(.00059 – .00315)
04	0.74	.029	–	–	0.15	(0.01 – 0.25)	.0059	(.0004 – .0098)	0.020	(0.012 – 0.025)	.00079	(.00047 – .00098)
04	1.04	.041	0.05	.002	0.18	(0.05 – 0.30)	.0071	(.0020 – .0118)	0.020	(0.012 – 0.030)	.00079	(.00047 – .00118)
04	1.04	.041	0.10	.004	0.18	(0.01 – 0.30)	.0071	(.0004 – .0118)	0.020	(0.015 – 0.080)	.00079	(.00059 – .00315)
04	1.55	.061	0.05	.002	0.20	(0.05 – 0.40)	.0079	(.0020 – .0158)	0.020	(0.012 – 0.030)	.00079	(.00047 – .00118)
04	1.55	.061	0.10	.004	0.20	(0.09 – 0.40)	.0079	(.0039 – .0158)	0.020	(0.015 – 0.080)	.00079	(.00059 – .00315)
04	2.06	.081	0.05	.002	0.25	(0.05 – 0.51)	.0098	(.0020 – .0200)	0.020	(0.012 – 0.030)	.00079	(.00047 – .00118)
04	2.06	.081	0.15	.006	0.25	(0.15 – 0.51)	.0098	(.0059 – .0200)	0.025	(0.015 – 0.050)	.00098	(.00059 – .00197)
04	2.54	.100	0.05	.002	0.30	(0.05 – 0.51)	.0118	(.0020 – .0200)	0.020	(0.015 – 0.030)	.00079	(.00059 – .00118)
04	2.06/2.59	.100/.102	0.15	.006	0.30	(0.15 – 0.51)	.0118	(.0059 – .0200)	0.025	(0.015 – 0.050)	.00098	(.00059 – .00197)
04	2.95	.116	0.15	.006	0.30	(0.15 – 0.51)	.0118	(.0059 – .0200)	0.025	(0.015 – 0.050)	.00098	(.00059 – .00197)
04	3.45	.136	0.05	.002	0.30	(0.05 – 0.51)	.0118	(.0020 – .0200)	0.020	(0.015 – 0.030)	.00079	(.00059 – .00118)
04	3.45	.136	0.15	.006	0.30	(0.15 – 0.51)	.0118	(.0059 – .0200)	0.025	(0.015 – 0.050)	.00098	(.00059 – .00197)
05	3.76	.148	0.15	.006	0.35	(0.15 – 0.60)	.0138	(.0059 – .0236)	0.040	(0.020 – 0.060)	.00157	(.00079 – .00236)
05	3.75/3.81	.148/.150	0.20	.008	0.35	(0.20 – 0.60)	.0138	(.0079 – .0236)	0.040	(0.020 – 0.060)	.00157	(.00079 – .00236)
05	4.19	.165	0.20	.008	0.35	(0.20 – 0.60)	.0138	(.0079 – .0236)	0.040	(0.020 – 0.070)	.00157	(.00079 – .00276)
05	4.24	.167	0.05	.002	0.25	(0.05 – 0.60)	.0098	(.0020 – .0236)	0.030	(0.020 – 0.040)	.00118	(.00079 – .00157)
05	4.24	.167	0.20	.008	0.35	(0.20 – 0.60)	.0138	(.0079 – .0236)	0.040	(0.020 – 0.070)	.00157	(.00079 – .00276)
06	3.96/3.99	.156/.157	0.15	.006	0.35	(0.15 – 0.60)	.0138	(.0059 – .0236)	0.045	(0.020 – 0.070)	.00177	(.00079 – .00276)
06	3.96	.156	0.20	.008	0.35	(0.20 – 0.60)	.0138	(.0079 – .0236)	0.045	(0.020 – 0.070)	.00177	(.00079 – .00276)
06	5.26	.207	0.20	.008	0.40	(0.20 – 0.70)	.0157	(.0079 – .0276)	0.045	(0.020 – 0.080)	.00177	(.00079 – .00315)
07	4.29	.169	0.20	.008	0.35	(0.20 – 0.60)	.0138	(.0079 – .0236)	0.040	(0.020 – 0.070)	.00157	(.00079 – .00276)
07	6.25	.246	0.20	.008	0.50	(0.20 – 0.80)	.0197	(.0079 – .0315)	0.050	(0.030 – 0.080	.00197	(.00118 – .00315)

When using CBN grade CB7015 reduce feed and cutting depth by 50%, compared to carbide grades.

Grooving and face grooving

Insert width (W1), mm



■ = Recommended starting value.

Cutting speed recommendations

Cutting speed (V_c), m/min

	P	M	N	S
Grade 1025	60-200	60-180	90-400	20-50
Grade CB7015	H			
	60-200			

Threading (Infeed recommendations)

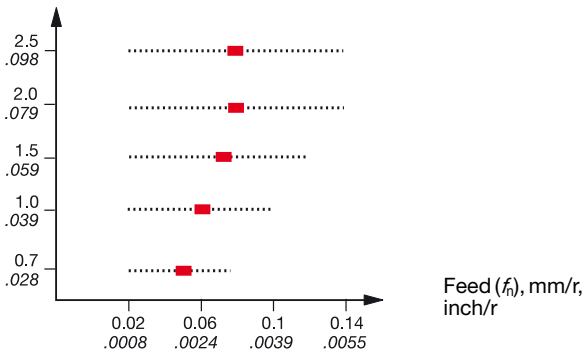
Thread	Pitch mm	TPI	a_p mm	a_p inch	*nap*
Metric 60° (MM)	0.50		0.26	.0106	7
	0.70		0.38	.0150	8
	0.75		0.40	.0161	8
	0.80		0.43	.0169	8
	1.00		0.55	.0217	11
	1.25		0.68	.0268	11
	1.50		0.81	.0319	13
	1.75		0.95	.0374	14
	2.00		1.08	.0425	18
UN 60°		48	0.29	.0114	7
		36	0.38	.0150	8
		32	0.43	.0169	8
		28	0.49	.0193	9
		24	0.56	.0224	11
		20	0.69	.0272	11
		18	0.76	.0299	12
		16	0.86	.0339	13
Whitworth 55° (WH)		28	0.60	.0236	10
		26	0.65	.0256	11
		24	0.68	.0268	11
		22	0.74	.0291	12
		20	0.82	.0323	14
		19	0.87	.0343	14
NPT 60° (NT)		27	0.71	.0280	12
		18	1.06	.0417	18
ISO Trapezodial 30°	1.50		0.86	.0340	6
	2.00		1.17	.0460	8
	3.00		1.70	.0670	12

a_p = total depth of thread
nap = number of infeeds

Cutting data recommendations for CoroCut® XS

Parting off

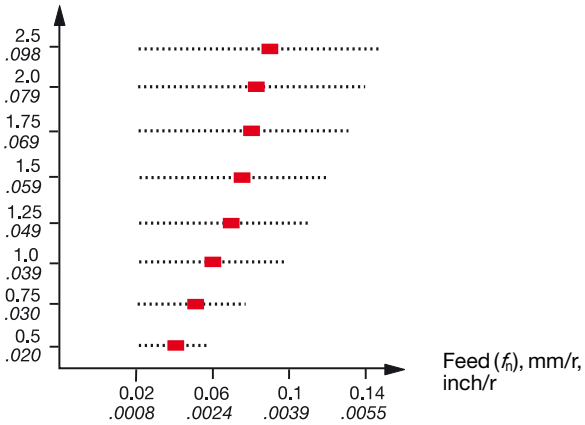
Insert width (CW), mm, inch



■ = Recommended starting value.

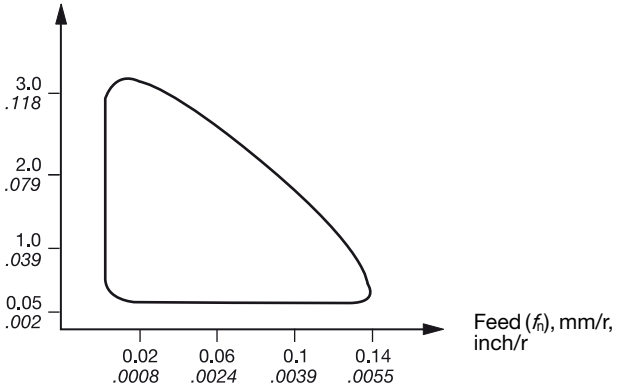
Grooving

Insert width (CW), mm, inch



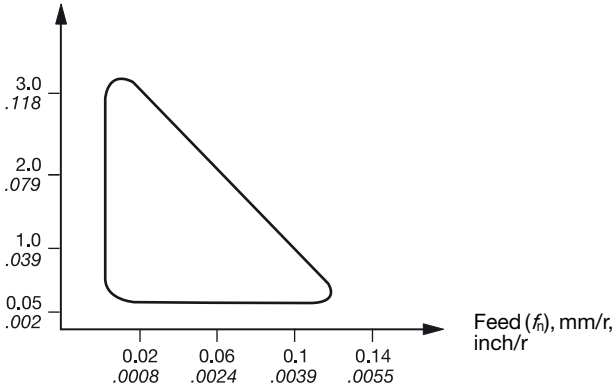
Turning

Cutting depth (a_p), mm, inch



Back turning

Cutting depth (a_p), mm, inch



Threading (Infeed recommendations)

Metric 60°

Pitch, mm	a_p mm	a_p inch	*nap*
0.20	0.12	.005	4
0.25	0.15	.006	4
0.30	0.18	.007	4
0.35	0.20	.008	4
0.40	0.25	.010	4
0.45	0.28	.011	4
0.50	0.28	.011	4
0.75	0.46	.018	4
1.00	0.61	.024	5
1.25	0.74	.029	6
1.50	0.89	.035	6
1.75	1.07	.042	8
2.00	1.22	.048	8

Can be used for thread types:
– ISO metric 60°
– UN 60°
– NPT

a_p = total depth of thread
nap = number of passes

UN 60°

Pitch, TPI	a_p mm	a_p inch	*nap*
72	0.22	.0086	4
64	0.25	.0098	4
56	0.28	.0110	4
48	0.33	.0129	4
44	0.36	.0142	4
40	0.40	.0157	4
36	0.43	.0169	4
32	0.49	.0193	5
28	0.56	.0220	5
24	0.65	.0256	5
20	0.80	.0315	6
18	0.86	.0339	6
16	0.97	.0382	7
14	1.12	.0441	8
13	1.19	.0469	8
12	1.30	.0512	9

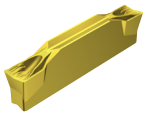
Cutting speed recommendations

Cutting speed (v_c), m/min (ft/min)

	P	M	N	S
Grade 1025/1105	60-200 (195-655)	60-180 (195-590)	90-400 (295-1310)	20-50 (65-165)

CoroCut® 1-2

Parting

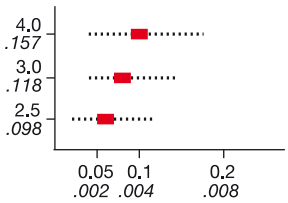


123-CF

Wiper TECHNOLOGY

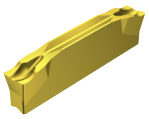
Low feed choice

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

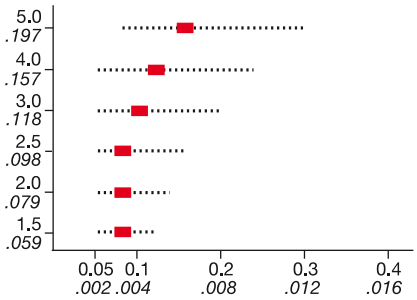
Stainless steels and sticky materials
Very good chip control at low feeds.
The positive geometry eliminates the risk of built-up edge.
Gives soft cutting action.
Generates good surface finish due to wiper design on the side.
Available as CoroCut 2-edge inserts.



123-CM

Medium feed choice

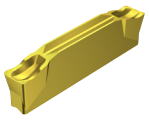
Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Parting off stainless steels
Also recommended for thin walled tubes and small diameter components in all materials.
The positive geometry eliminates the risk of built-up edge.
Low cutting forces resulting in reduced vibration.

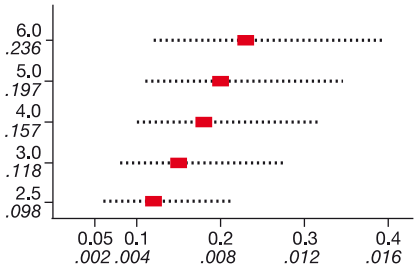
Available as CoroCut 1 and 2-edged inserts.



123-CR

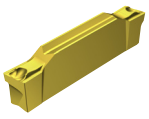
High feed choice

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

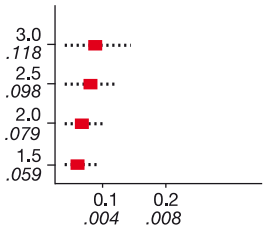
Rough machining
Strong cutting edges reduce risk of edge fractures.
Suitable for parting off bars and interrupted cuts.
For steel and cast iron, but also suitable for stainless steels when there is a need for strong edges.
Available as CoroCut 1 and 2-edged inserts.



123-CS

Low feed

Radial feed
Insert width (CW), inch



Feed (f_n), mm/r, inch/r

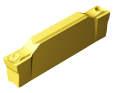
Pip and burr free machining.
Ideal solution for minimizing pips and burrs on components thanks to the sharp cutting edge and front angles of 10° and 15°.
Recommended for small components.
Suitable for free cutting steel.
Available as CoroCut 2-edge inserts.

■ = Recommended starting value.

For cutting speed recommendations, see page B162.

CoroCut® 1-2

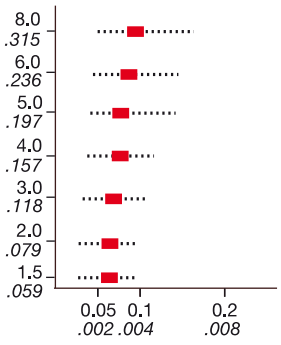
Grooving



123-GF

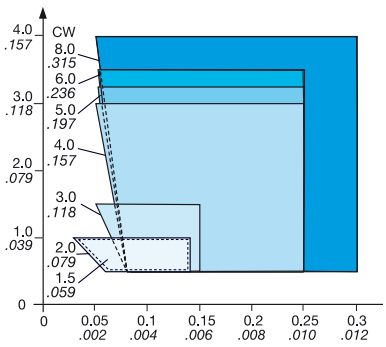
Low feed choice

Radial feed
Insert width (CW), mm, inch



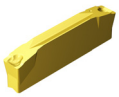
Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch

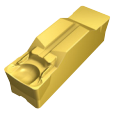


Feed (f_n), mm/r, inch/r

For precision grooves
Good accuracy and repeatability due to tight tolerances on inserts.
Low cutting forces and good surface finishing due to sharp cutting edge.
Large number of different widths
Designed for side turning.
Available as CoroCut 2-edge inserts.
Can be ordered as Tailor Made with different insert width and corner radii.



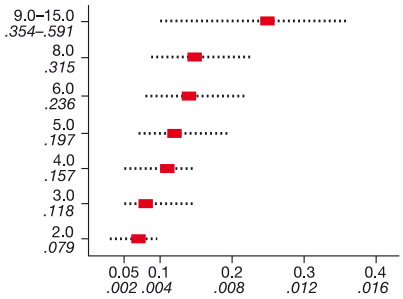
123-GM



Medium feed choice

M Seat size
CW, mm (inch)
9-11 (.354-.433)

Radial feed
Insert width (CW), mm, inch



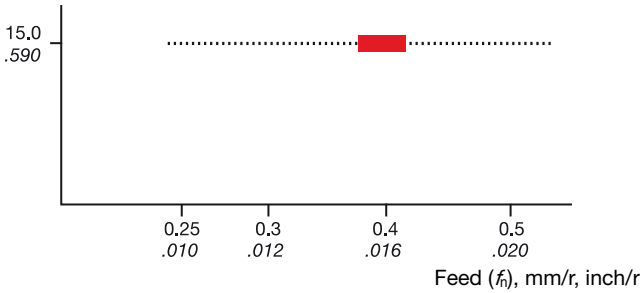
Feed (f_n), mm/r, inch/r

Grooving in all materials
Outstanding chip control.
Reduces chip width giving good surfaces.



123-GR

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

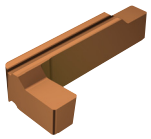
Rough grooving, strong cutting edge for tough condtions like grooving through cast skin.
Good for widening of grooves.

■ = Recommended starting value.

For cutting speed recommendations, see page B162.

CoroCut® 1-2

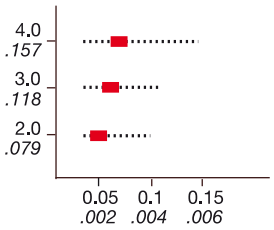
Grooving



123-GS

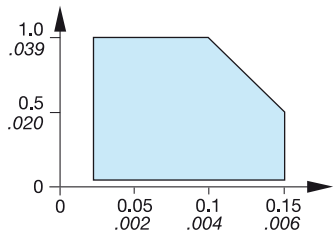
Low feed choice

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

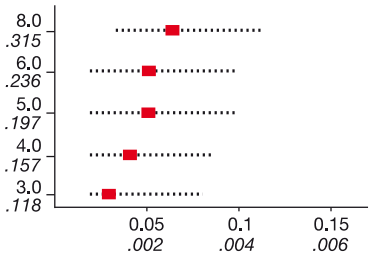
General purpose geometry for grooving with low feed in most materials.
Periphery ground with sharp cutting edge.



123-S

Cubic boron nitride tipped

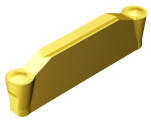
Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Alternative for finish grooving of hardened materials and heat resistant super alloys
Maintains close tolerances and gives excellent finish on components.
Available as CoroCut 1-edged inserts.

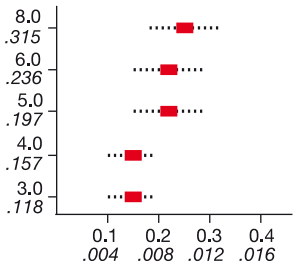
Profiling



123-RM

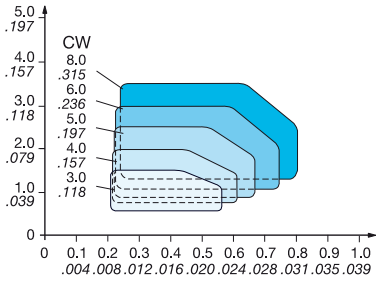
Medium feed choice

Radial feed
Insert width (CW), mm, inch



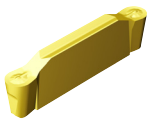
Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



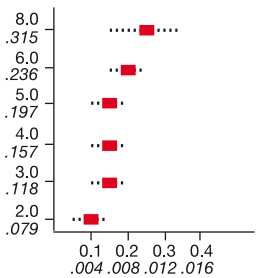
Feed (f_n), mm/r, inch/r

Excellent for profiling in all materials
Outstanding chip control even at low feeds and small depths of cut.
Good surface finish.
Available as CoroCut 1 and 2-edged inserts.



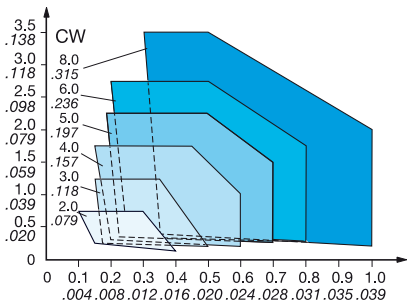
123-R0

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

Excellent for profiling in stainless steel
HRSA and other sticky materials.
Outstanding chip control at low feeds and small depths of cut.

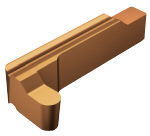
Good surface finish. Sharp cutting edge.
Available as CoroCut 2-edge inserts.

= Recommended starting value.

For cutting speed recommendations, see page B162.

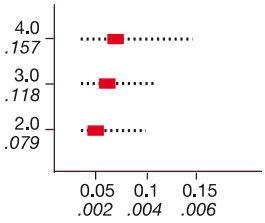
CoroCut® 1-2

Profiling



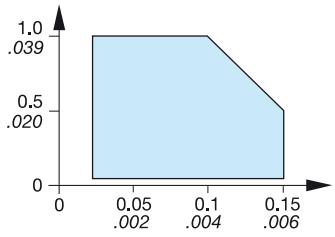
123-RS

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

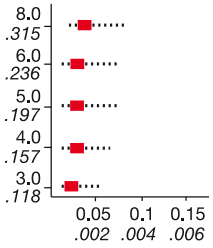
General purpose geometry for profiling with low chip thickness in most materials.
Periphery ground with sharp cutting edge.



123-RE

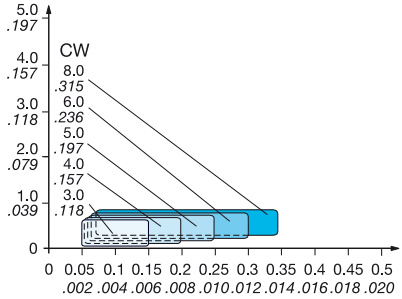
Cubic boron nitride tipped

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

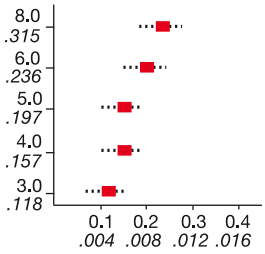
Alternative for finish profiling of hardened materials.
Gives outstanding productivity and exceptional surface finish.
Available as CoroCut 1-edged inserts.



123-RS

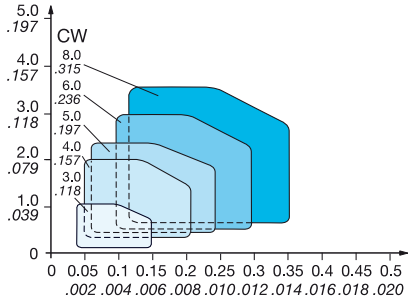
Diamond tipped

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

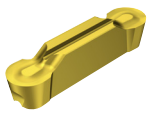
Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

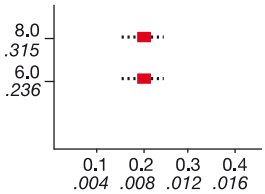
Alternative for finish profiling of non-ferrous materials.
Gives outstanding productivity and exceptional surface finish.
For use under stable conditions.
Available as CoroCut 1-edged inserts.

Aluminum profiling



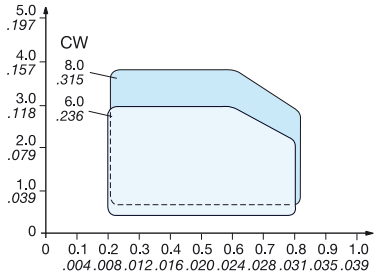
123-AM

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

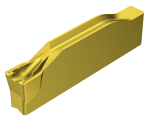
First choice for profiling in non-ferrous materials.
Good chip flow giving good surface finish.
Sharp cutting edge.
Available as CoroCut 2-edge inserts.

= Recommended starting value.

For cutting speed recommendations, see page B162.

CoroCut® 1-2

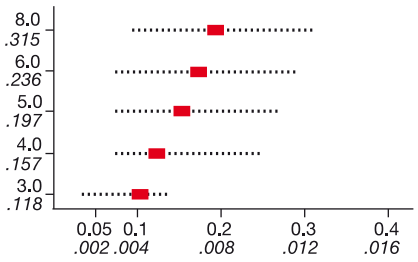
Turning and plunge turning



123-TF

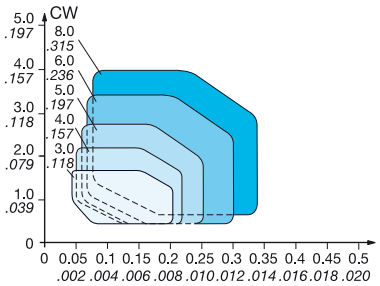
Low feed choice

Radial feed
Insert width (CW), mm, inch



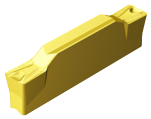
Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

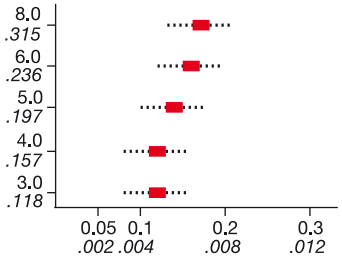
Suitable for all turning operations in stainless steels.
The positive geometry eliminates the risk of built-up edge.
Good chip control and surface finish.
Wiper design on the side.
Available as CoroCut 1 and 2-edged inserts.
First choice for facegrooving.



123-TM

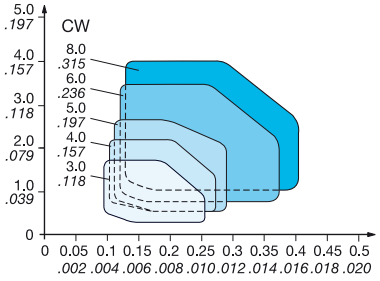
Medium feed choice

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch

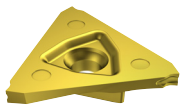


Feed (f_n), mm/r, inch/r

General turning operations
The positive geometry eliminates the risk of built-up edge.
Available as CoroCut 2-edge inserts.

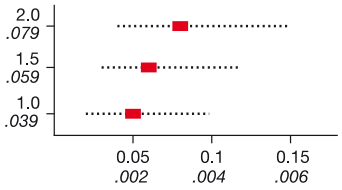
CoroCut® 3-edge inserts

Shallow parting



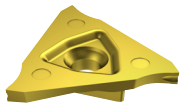
123-CM

Radial feed
Insert width (CW), mm, inch



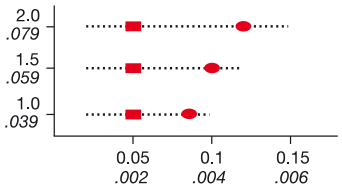
Feed (f_n), mm/r, inch/r

First choice for shallow parting
First choice in most materials
Sharp edge line, chip breaking geometry
To be used at normal cutting speeds 100 – 250 m/min (330 – 820 ft/min)



123-CS

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

First choice for shallow parting at low speeds.
For sticky materials and ball bearing materials
Extremely sharp edge line with an open chip former
To be used for non-ferrous materials at normal cutting speeds 100 – 250 m/min (330 – 820 ft/min)
Right (R) or left (L) hand inserts to be used for pip and burr free machining.

▬ = Recommended starting value at normal speeds
● = Recommended starting value at low speeds

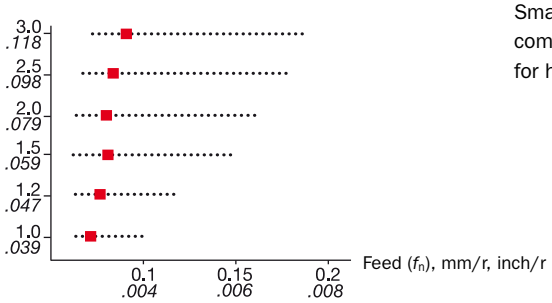
For cutting speed recommendations, see page B162.

CoroCut® QD

QD-N..-CF



Radial feed
Cutting width (CW), mm, inch

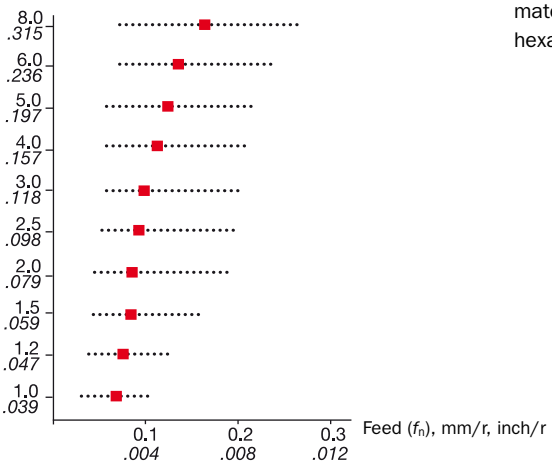


Positive geometry for low feed
First choice for thin walled components and small diameters. Small corner radii and positive geometry reduce pip and burr on component in stainless steel and sticky materials. Wiper corners for high surface finish.

QD-N..-CM



Radial feed
Cutting width (CW), mm, inch

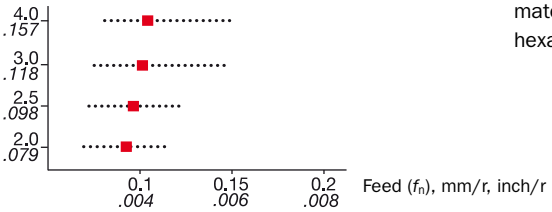


First choice, universal geometry
First choice for parting off to center at good conditions in most materials and light intermittent applications such as parting hexagonal bars.

QD-R/L..-CM



Radial feed
Cutting width (CW), mm, inch

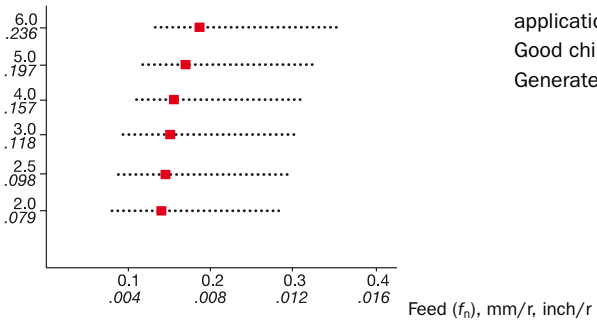


Universal geometry
For reducing pip and burr in parting off at good conditions at most material and light intermittent applications such as parting hexagonal bars.

QD-N..-CR



Radial feed
Cutting width (CW), mm, inch



Strong geometry, negative cutting edge
First choice for parting off to center at rough conditions and applications with severe intermittence.
Good chip control at high feed.
Generates flat groove bottom.

■ = Recommended starting value.

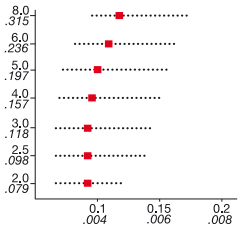
For cutting speed recommendations, see page B162.

CoroCut® QD

QD-N..-CL



Radial feed
Cutting width (CW), mm, inch



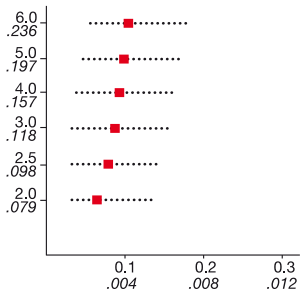
Feed (f_n), mm/r, inch/r

Aggressive geometry for long chipping material
Good chip breaking in low carbon steel, bearing steel and other sticky materials
Low-medium feeds.

QD-N..-CO



Radial feed
Cutting width (CW), mm, inch



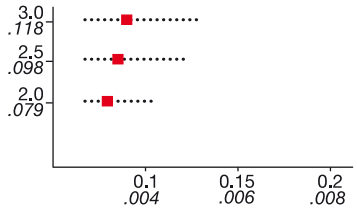
Feed (f_n), mm/r, inch/r

Optimizer geometry – front ground, sharp cutting egde
First choice for HRSA (ISO S) materials, duplex stainless steels & non ferrous metals
Low cutting forces, reduce built-up edge and minimize risk for vibrations.

QD-R/L..-CO



Radial feed
Cutting width (CW), mm, inch



Feed (f_n), mm/r, inch/r

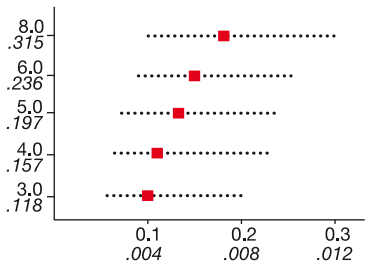
Optimizer geometry – front ground, sharp cutting egde
For reducing pip and burr in parting off at good conditions at most material and light intermittent applications such as parting hexagonal bars.
Low cutting forces, reduce built-up edge and minimize risk for vibrations.

QD-N..-TF



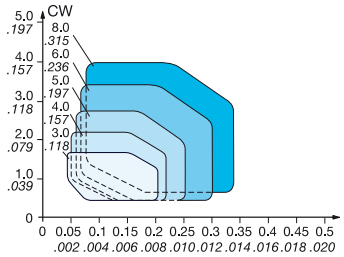
Wiper TECHNOLOGY

Radial feed
Cutting width (CW), mm, inch



Feed (f_n), mm/r, inch/r

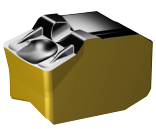
Axial feed
Cutting depth (a_p), mm, inch



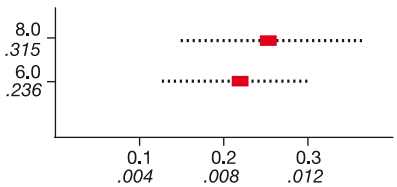
Feed (f_n), mm/r, inch/r

First choice geometry for turning wider grooves
Our most universal geometry, for turning of grooves in all materials.
Positive geometry gives low cutting forces and good chip control.
Good surface finish thanks to wiper design.
Generates flat bottom grooves.

QD-N..-GM



Radial feed
Cutting width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Grooving in all materials
Outstanding chip control.
Reduces chip width giving good surfaces.

■ = Recommended starting value.

For cutting speed recommendations, see page B162.

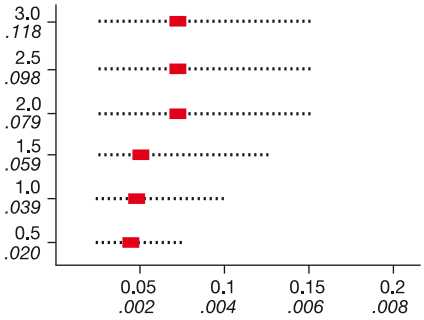
CoroCut® 3

Grooving



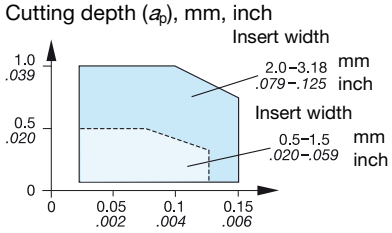
123-GS

Radial feed
Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



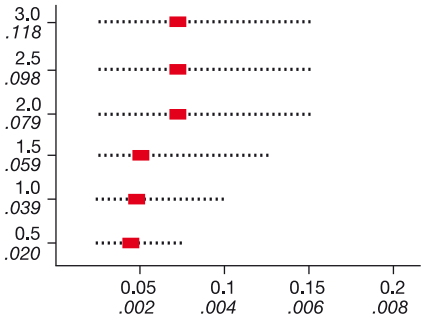
Feed (f_n), mm/r, inch/r

Profiling



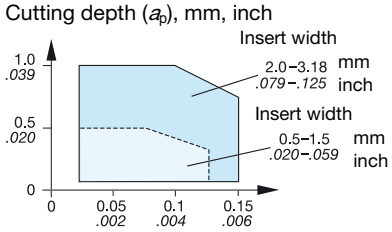
123-RS

Radial feed
Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



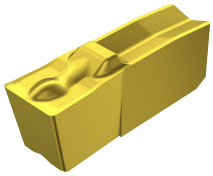
Feed (f_n), mm/r, inch/r

■ = Recommended starting value at normal speeds
● = Recommended starting value at low speeds

For cutting speed recommendations, see page B162.

T-Max Q-Cut®

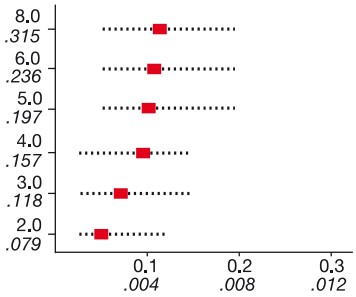
Internal grooving



151.3-4G

Low feed choice

Radial feed
Insert width (W1), mm, inch



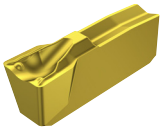
Feed (f_n), mm/r, inch/r

Note:
Inserts type 151.3 (-4G, -7G and -7P) can only be used with holders type F151.37 or bars type AG151.32

Alternative choice for internal grooving of smallest bores.

Good accuracy and repeatability due to tight tolerances on inserts.
Low cutting forces and good chip control in a wide range of materials.
Sharp cutting edge.

Face grooving

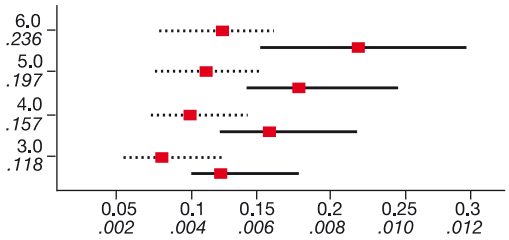


151.3-7G

Wiper TECHNOLOGY

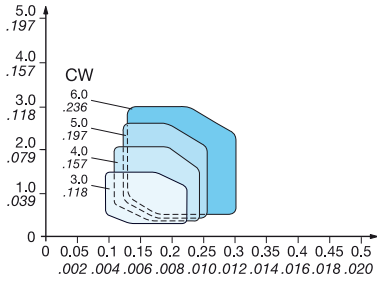
Medium feed choice

Radial feed
Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

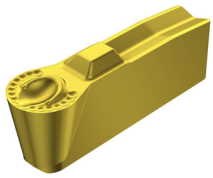
..... = Axial feed, approx. range, inch/r, first cut
——— = Axial feed, approx. range, inch/r, opening cut

First choice for facegrooving.

Good chip control both when cutting first groove and opening up. Smaller diameter grooves can be cut. Excellent stability.
For facegrooving in all materials.

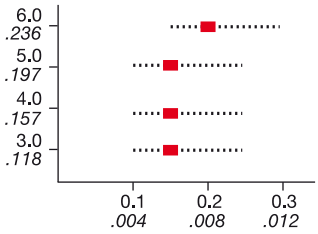
First choice for internal turning/grooving

Good chip control.
Generates good surface finish due to Wiper design.



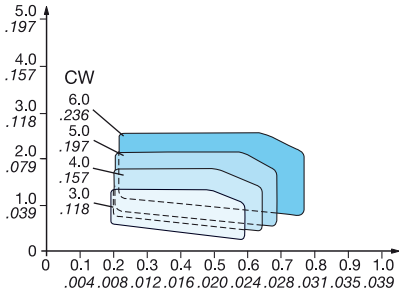
151.3-7P

Radial feed
Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

For profiling in face grooving operations.

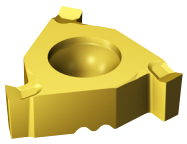
Good chip control in both axial and radial direction.
Also well suited for internal profiling operations.

■ = Recommended starting value.

For cutting speed recommendations, see page B162.

CoroThread®

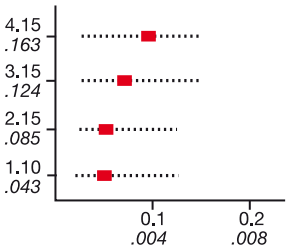
Circlip grooving



254R/LG

Radial feed

Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Alternative for good economy when grooving circlips.

High productivity and reliability through low cutting forces and little vibration.
Three cutting edges give good economy.
Recommended for use in all materials.

= Recommended starting value.

For cutting speed recommendations, see page B162.

Grades for parting and grooving

P **Steel, cast steel, long chipping malleable iron**

Basic grades



GC1125 (HC) – P30 (P15-P45)
This PVD-coated cemented carbide is an excellent all-round grade. A good choice for parting-off tubes in steel. Also very good in grooving and turning operations. Speeds and feeds from medium to low.



GC4325 (HC) – P25 (P10-P40)
A CVD-coated carbide grade for finishing to roughing of steel and steel castings. This grade can handle continuous cuts as well as interrupted cuts at high metal removal rates. A grade for a broad application area. Equipped with Inveio™ coating technology.



GC1135 (HC) – P25 (P10-P45)
A CVD-coated carbide grade for toughness demanding operations such as cut-off to center and interrupted cuts. Back-up alternative when grooving and turning. Very good bulk and edge-line toughness. Used at low to medium cutting speeds.



GC2135 (HC) – P35 (P20-P50)
A CVD-coated carbide grade for toughness demanding operations such as cut-off to center and interrupted cuts. Back-up alternative when grooving and turning. Very good bulk and edge-line toughness. Used at low to medium cutting speeds.

Complementary grades



GC3115 (HC) – P15 (P05-P25)
A very high wear resistant CVD coated grade. Especially recommended for grooving and turning in stable conditions. Due to its excellent hot hardness, also effective in hard steels. To be used at high cutting speeds under good conditions.



GC1145 (HC) – P45 (P25-P50)
A PVD-coated carbide grade with very high demands on toughness behavior. It is suitable in parting-off operations and applications demanding very good edge-line toughness. Works well in smearing materials. Used at low cutting speeds.



CT525 (HT) – P10 (P01-P15)
An uncoated cermet grade with excellent resistance to oxidation and smearing. For high-quality surface finishes when grooving low alloyed and alloyed steels under fairly good conditions. Moderate cutting speeds and feeds.



GC1025 (HC) – P25 (P15–P45)
A PVD-coated carbide grade excellent as an all-round grade for small part machining. This grade works very well in low carbon steel and other smearing materials. Speeds and feeds from medium to low.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW	Uncoated hardmetal containing primarily tungsten carbide (WC)
HT	Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.
HC	Hardmetals as above, but coated.

Ceramics:

CA	Oxide ceramics containing primarily aluminum oxide (Al_2O_3).
CM	Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.
CN	Nitride ceramics containing primarily silicon nitride (Si_3N_4).
CC	Ceramics as above, but coated.

Diamond:

DP	Polycrystalline diamond[1].

Cubic boron nitride:

BN	Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for parting and grooving

M **Austenitic/ferritic/martensitic stainless steel, cast steel, manganese steel, alloy cast iron, malleable iron, free cutting steel**

Basic grades

GC1135 (HC) – M25 (M10-M35)
A CVD-coated carbide grade for parting-off and other toughness demanding operations. Very good bulk and edge-line toughness. To be used at medium to low cutting speeds.

GC1145 (HC) – M40 (M30-M40)
A PVD-coated carbide grade with very high demands on toughness behavior. It is suitable in parting-off operations and applications demanding very good edge-line toughness. Works well in smearing materials. The substrate has an extremely good bulk toughness and should be used at low cutting speeds or in combination with high-precision coolant tools.

GC2135 (HC) – M30 (M20–M40)
A CVD-coated carbide grade for parting-off and other toughness demanding operations. Very good bulk and edge-line toughness. To be used at medium to low cutting speeds.

GC1125 (HC) – M25 (M15-M35)
A PVD-coated carbide grade. This grade has a combination of high wear resistance and good edge security. For grooving and turning operations and also good for parting-off, especially tubes. Medium to low cutting speeds

Complementary grades

GC1105 (HC) – M15 (M05 - M20)
A PVD-coated carbide grade that has high hot hardness and good resistance against plastic deformation guarantees high performance with even flank wear. Suitable for grooving and profiling in stable conditions at high speeds.

GC1025 (HC) – M25 (M15-M35)
A PVD-coated carbide grade with a combination of high wear resistance and good edge security. To be used for grooving and parting-off in small part machining. Medium to low cutting speeds.

CT525 (HT) – M10 (M05-M15)
An uncoated cermet grade with excellent resistance to oxidation and smearing. For high-quality surface finishes when grooving under good conditions. Moderate cutting speeds and feeds.

GC1115 (HC) – M15 (M05–M25)
A PVD-coated carbide grade. The grade has high hot hardness and good resistance against plastic deformation combined with good edge-line security. This guarantees toughness, even flank wear, and high performance of the edge. For profiling and grooving operations.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for parting and grooving

K Cast iron, chilled cast iron, short chipping malleable iron

Basic grades



GC4325 (HC) - K25 (K10-K35)
An all-purpose CVD coated grade with an excellent combination of high wear resistance and good edge security. To be used in grooving and turning operations at medium to high cutting speeds. Also good in parting off tubes.



GC3115 (HC) – K15 (K05-K25)
A CVD-coated grade for high cutting speeds in grooving and turning under good conditions. Due to its excellent hot hardness, it is also effective on hard cast iron.



GC1125 (HC) - K30 (K15-K35)
A new PVD coated all-purpose grade for toughness demanding operations and interrupted cuts. To be used at medium to low cutting speeds.



GC1135 (HC) – K20 (K10-K30)
A CVD-coated carbide grade for parting-off and other toughness demanding operations. Very good bulk and edge-line toughness. To be used at medium to low cutting speeds.

Complementary grades



GC3020 (HC) – K15 (K05-K25)
A very high wear resistant CVD coated grade for high cutting speeds in grooving and turning under good conditions. Due to its excellent hot hardness, also effective on hard cast iron.



H13A (HW) – K20 (K10-K30)
A uncoated grade with good abrasive wear resistance and toughness. For parting/grooving operations



GC1025 (HC) - K30 (K15-K35)
A PVD coated all-purpose grade for toughness demanding operations and interrupted cuts. To be used at medium to low cutting speeds.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW	Uncoated hardmetal containing primarily tungsten carbide (WC)
HT	Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.
HC	Hardmetals as above, but coated.

Ceramics:

CA	Oxide ceramics containing primarily aluminum oxide (Al_2O_3).
CM	Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.
CN	Nitride ceramics containing primarily silicon nitride (Si_3N_4).
CC	Ceramics as above, but coated.

Diamond:

DP	Polycrystalline diamond[1].

Cubic boron nitride:

BN	Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for parting and grooving

N **Non-ferrous metals**

B

Basic grades

GC1125 (HC) - N25 (N15-N35)
A new PVD coated grade for toughness demanding operations, recommended for interrupted cuts.

Complementary grades

GC1105 (HC) - N15 (N05-N25)
A PVD-coated grade with excellent adhesion on sharp edges, guarantees toughness, even flank wear and high performance.

C

H13A (HW) – N20 (N10-N30)
An uncoated carbide grade. Combines good abrasive wear resistance and toughness. For parting and grooving.

GC1025 (HC) – N25 (N15-N30)
A PVD-coated grade for toughness demanding operations. Recommended for small part machining.

D

H10 (HW) – N10 (N05-N15)
An uncoated carbide grade with good edge sharpness. Recommended for intermittent cuts.

E

CD10 (DP) – N01 (N01-N15)
A polycrystalline diamond (PCD) grade recommended for profiling of abrasive non-ferrous metals and non-metallic materials at stable conditions. Very good surface finish.

F

G

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

H

Grades for parting and grooving

S Heat resistant super alloys

Basic grades



GC1105 (HC) – S15 (S10-S20)
A PVD-coated carbide grade with high hot hardness and good resistance against plastic deformation, giving even flank wear and outstanding performance. First Choice for grooving and profiling.



GC1145 (HC) – S40 (S30-S40)
A PVD-coated carbide grade. First Choice for parting-off when demand on secure edge line is needed. To be used at low cutting speeds



S05F (HC) – S10 (S05-S15)
A CVD-coated carbide grade. To be used both for high-speed finishing and roughing profiling operations.



GC1125 (HC) - S25 (S15-S35)
A PVD coated grade for toughness demanding operations. First choice for interrupted cuts. To be used at low cutting speeds.



H13A (HW) – S15 (S10-S30)
Uncoated carbide grade. Combines good abrasive wear resistance and toughness for parting and grooving. First choice in titanium.

Complementary grades



CB7015 (BN) – S15 (S05-S25)
A cubic boron nitride composite suited for heat-resistant super alloys. This grade allows sharp edges optimized for surface finish and low depth of cuts.



GC1115 (HC) – S20 (S10-S25)
A PVD-coated carbide grade with high hardness and combined with superior edge-line security. Good resistance against notch makes the grade suitable to use in difficult materials.



GC1135 (HC) – S25 (S10-S35)
A PVD-coated carbide grade for toughness demanding operations. To be used at low cutting speeds.



GC2135 (HC) – S30 (S20–S40)
A CVD-coated carbide grade for toughness demanding operations such as cut-off to center and interrupted cuts.



CC670 (CA) – S10 (S05-S25)
A whisker reinforced, aluminum oxide-based ceramic with excellent bulk toughness. To be used under favorable conditions.



GC1025 (HC) – S25 (S15-S35)
A PVD-coated grade for toughness demanding operations. Recommended for small part machining. To be used at low cutting speeds.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW	Uncoated hardmetal containing primarily tungsten carbide (WC)
HT	Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.
HC	Hardmetals as above, but coated.

Ceramics:

CA	Oxide ceramics containing primarily aluminum oxide (Al_2O_3).
CM	Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.
CN	Nitride ceramics containing primarily silicon nitride (Si_3N_4).
CC	Ceramics as above, but coated.

Diamond:

DP	Polycrystalline diamond[1].

Cubic boron nitride:

BN	Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for parting and grooving

H Hardened materials

Basic grades



CB7015 (BN) – H15 (H05-H20)
A cubic boron nitride composite for hardened ferrous materials. Suitable for both continuous and interrupted cuts.



CB7025 (BN) – H15 (H10-H20)
A cubic boron nitride composite for hardened ferrous material. Suitable for cuts with substantial interruptions at medium speeds in case-hardened steels, bearing steels.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

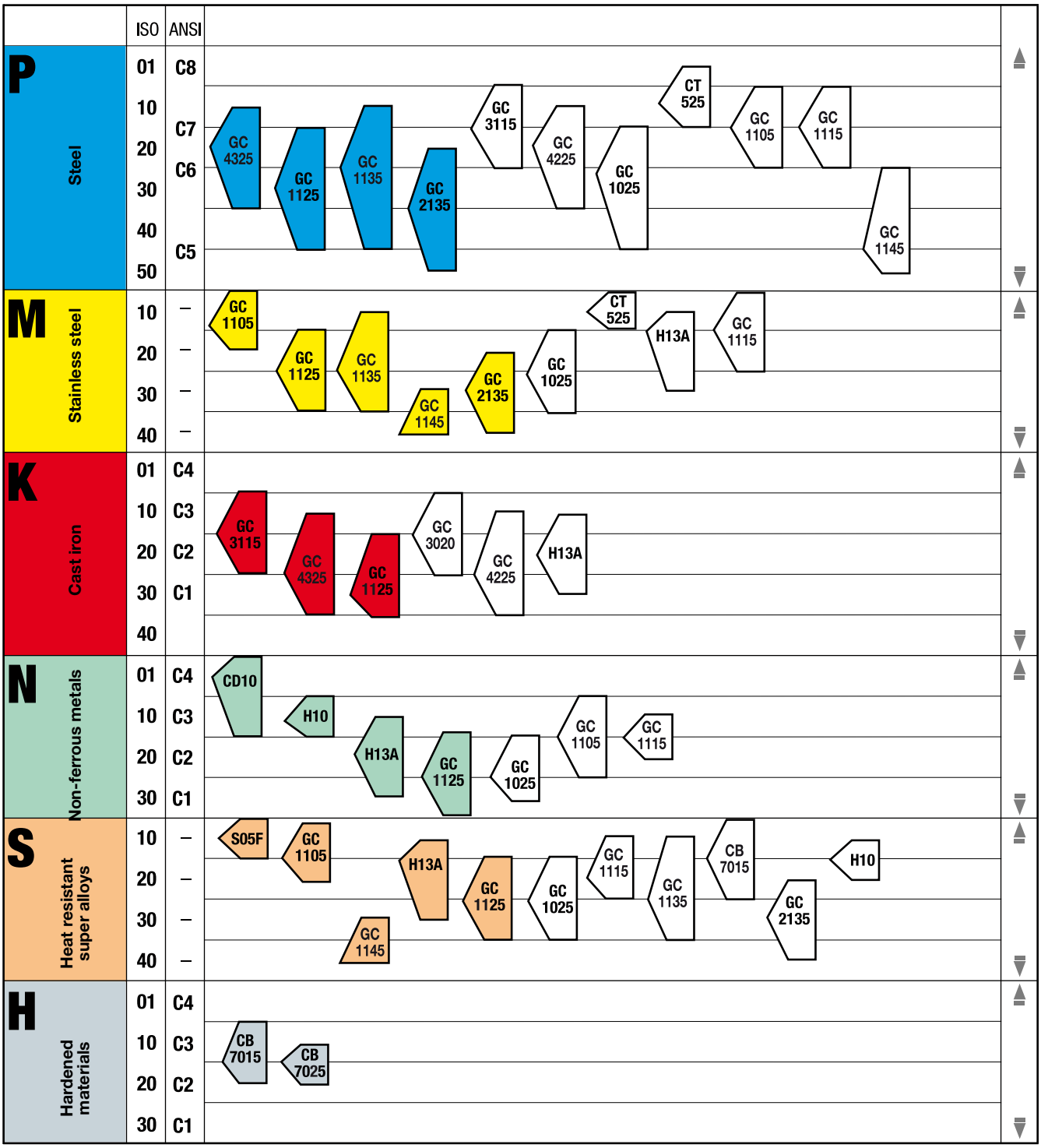
DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for parting and grooving



The position and form of the grade symbols indicate the suitable field of application.

Center of the field of application.

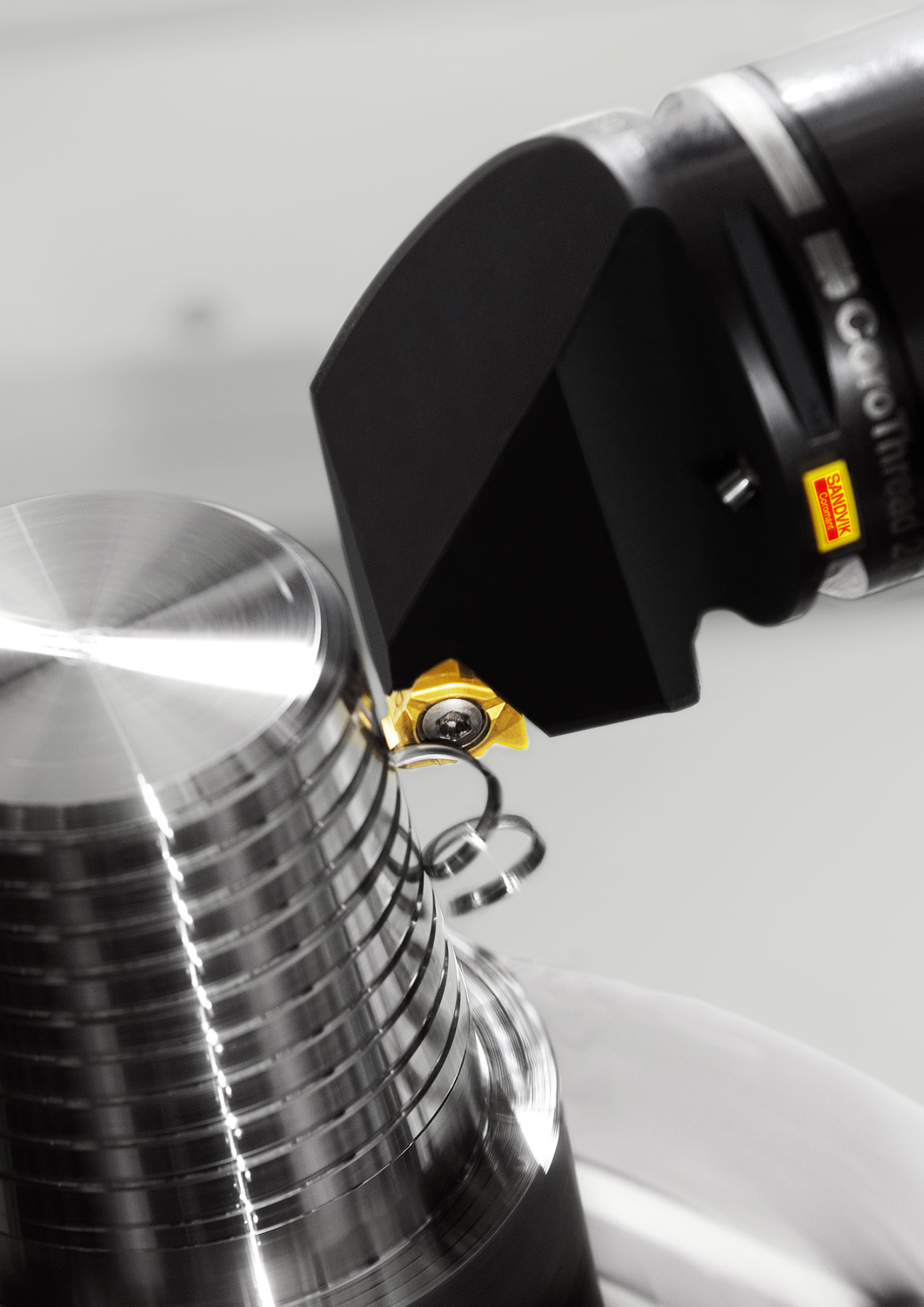
Recommended field of application.

Wear resistance

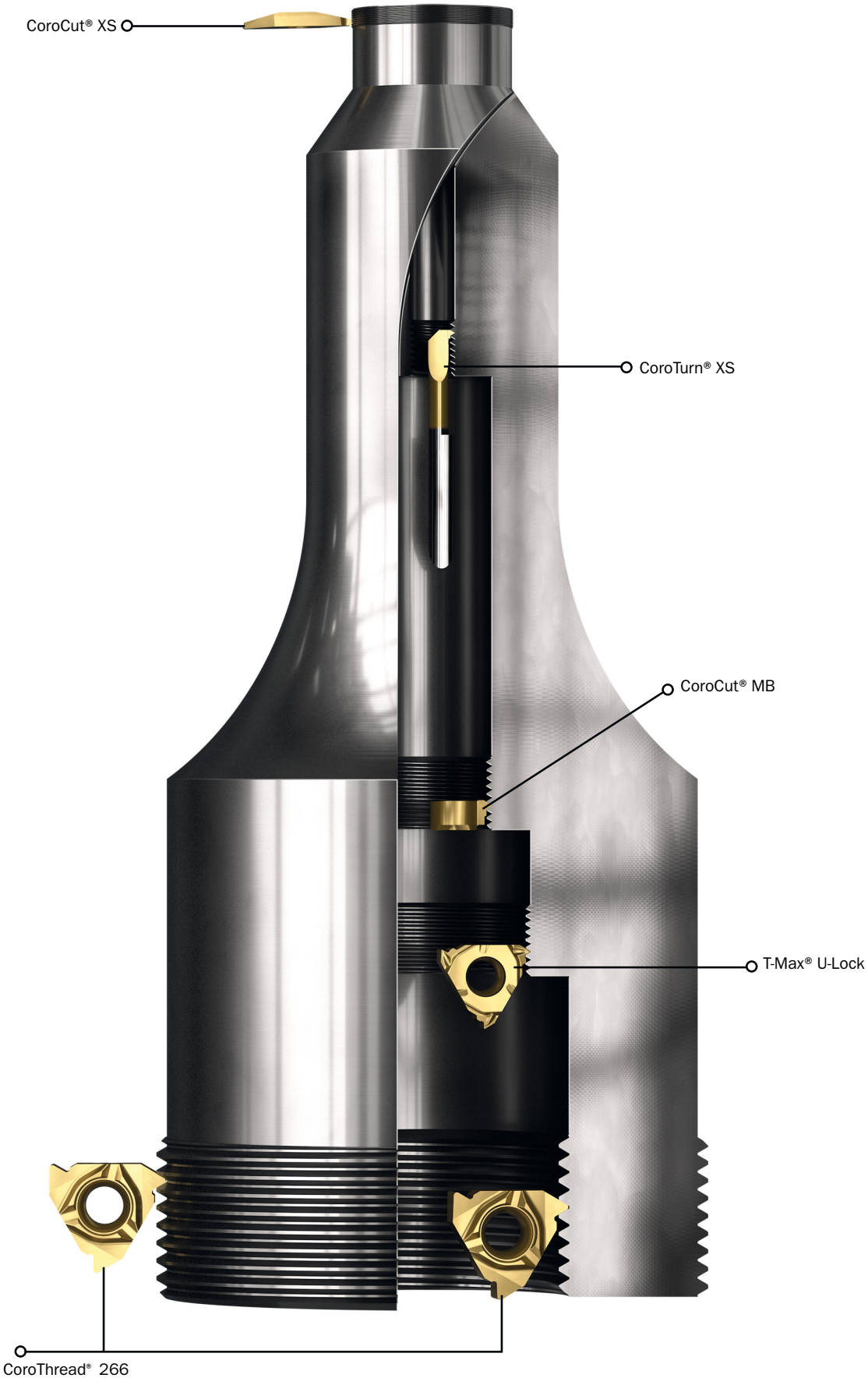
Toughness

= Basic grades

= Complementary grades


SANDVIK
Coromant

Thread turning


CoroCut® XS
CoroTurn® XS
CoroCut® MB
T-Max® U-Lock
CoroThread® 266

CoroThread® 266 C6

Inserts C7-C50
External tools C51-C58
Internal tools C59-C65

T-Max® U-Lock C66

Inserts C67-C72
Internal tools C73-C76

CoroCut® XS C77

Inserts C78-C81
External tools B114-B115

CoroTurn® XS C82

Cutting tools C83-C88
Adapters F2

CoroCut® MB C89

Cutting tools C90-C95
Adapters F2

		Thread pitch	Minimum hole size
CoroThread® 266	Ultra-rigid thread turning for all types of threads	0.5-8 *(32-3 threads/inch)*	20 mm *(0.787 inch)*
CoroCut® XS	External threading of small components	0.2-1.5 *(80-14 threads/inch)*	
CoroCut® MB	For internal threading with high precision	0.5-2.5 *(32-8 threads/inch)*	10 mm *(.394 inch)*
CoroTurn® XS	Internal threading of slender components	0.5-3 *(32-16 threads/inch)*	3 mm *(.012 inch)*
T-Max® U-Lock	For internal threading	0.5–2 *(32-14 threads/inch)*	12 mm *(.472 inch)*

Threading profiles

	V-profile 60° Non-topping		V-profile 55° Non-topping		Metric 60° Topping		UN 60° Topping		Whitworth 55° (BSW, BSF, BSP) Full form	
					ISO 965-1998 Tolerance class 6		ISO 5864-1978 Tolerance class 2A, ext. Tolerance class 2B, int.		ISO 228-1982 BS 2779-1973 BS 84-1956 Class A tolerance	
	Internal	External	Internal	External	Internal	External	Internal	External	Internal	External
CoroThread® 266	C8	C7	C10	C9	C15-C18	C11-C14	C23-C25	C19-C22	C29-C30	C26-C28
T-Max U-Lock®	C67		C68		C69		C70		C71	
CoroCut® XS		C78				C79		C80		
CoroTurn® XS	C87				C84		C85		C86	
CoroCut® MB	C90				C91		C92		C93	

	NPT 60° (NPSC, NPTR, LINE PIPE) Full form		BSPT 55° Topping		NPTF 60° Topping		Round 30° Topping		MJ 60° Topping	
	ANSI B.1.20.1-1983		ISO 7/1 BS21:1985		ANSI B1.20.3-1976 Tolerance class 2		DIN 405. Tolerance class 7 on effective dia. Tolerance class 6 on major (external) and minor (internal) dia.		ISO 5855-1983 Tolerance class 4 on pitch diameter. Tolerance class 6 on major (external) and minor (internal) dia.	
	Internal	External	Internal	External	Internal	External	Internal	External	Internal	External
CoroThread® 266	C33-C34	C31-C32	C36	C35	C37	C37	C39	C38		C40
T-Max U-Lock®	C72									
CoroCut® XS		C81								
CoroTurn® XS	C94									
CoroCut® MB	C94									

	UNJ 60° Full form		ISO Trapezoidal 30° Chamfered crest form		ACME 29° Chamfered crest form		STUB-ACME 29° Chamfered crest form		API 60° Topping for shouldered connections	
	ISO 3161-1977 BS 4084-1978 Tolerance class 3A		ISO 2901-2904 DIN 103-1977 Tolerance class 7		ANSI B1.20.3-1976 Tolerance class 2G		ANSI B1.20.3-1976 Tolerance class 2G		API spec. 7	
	Internal	External	Internal	External	Internal	External	Internal	External	Internal	External
CoroThread® 266		C41	C43	C42	C45	C44	C47	C46	C48	C48
T-Max U-Lock®										
CoroCut® XS										
CoroTurn® XS			C88							
CoroCut® MB					C95		C95			

	API Round 60° Topping		API Topping for casing and tubing	
	API spec. 5B		API spec. 5B	
	Internal	External	Internal	External
CoroThread® 266	C49	C49	C50	C50
T-Max U-Lock®				
CoroCut® XS				
CoroTurn® XS				
CoroCut® MB				

CoroThread® 266

External tools

 CoroThread® 266 cutting unit for thread turning — Page C51–C54

 CoroThread® 266 shank tool for thread turning — Page C55–C57

 CoroThread® 266 head for thread turning — Page C58

Internal tools

 CoroThread® 266 cutting unit for thread turning — Page C59–C60

 CoroThread® 266 boring bar for thread turning — Page C61–C63

 CoroThread® 266 head for thread turning — Page C64–C65

T-Max® U-Lock

Internal tools

 T-Max® U-Lock cutting unit for thread turning — Page C73

 T-Max® U-Lock solid carbide boring bar for thread turning — Page C74–C75

 T-Max® U-Lock head for thread turning — Page C76

CoroCut® XS

 CoroCut® XS — Page B114–B115

CoroTurn® XS

 CoroTurn® XS adapter — Page F2

CoroCut® MB

 CoroCut® MB adapter — Page F2

CoroThread® 266

Ultra-rigid thread turning for all types of threads

Application

- External threads
- Internal threads



ISO application area:

P M K N S H

Benefits and features

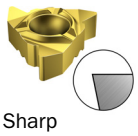
- Reduced machine- and downtime
- Excellent surface finish thanks to the exceptional stability
- Three sharp cutting edges for high-quality threads
- Multi-point inserts available, require fewer passes, resulting in increased productivity
- Large standard product range of tools and thread profile inserts
- Unique guide rail interface between the insert and tip seat
- Good edge indexing
- Easy to mount the insert correctly

www.sandvik.coromant.com/corothread266

Inserts

- Insert geometries and grades for all materials
- Tailor Made inserts for almost any thread form or pitch


Standard
A-geometry


Sharp
F-geometry


Chip-breaking
C-geometry

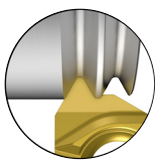
Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads

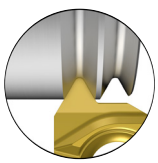


Three different threading insert types

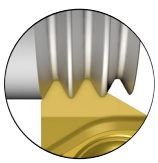
Full profile
High productivity



V-profile
Minimum tool inventory



Multi-point
Economical mass production



Secure iLock™ clamping
The slotted insert sits rigidly on the T-rails in the pocket eliminating any insert movement caused by cutting force variations.


C7


C51


C59

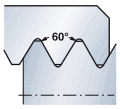


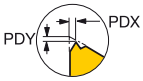
H28

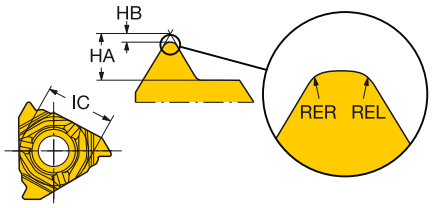
CoroThread® 266 insert for thread turning

V-profile 60° Non-topping









External right-hand threads

								P			M			K			N			S			H	Dimensions, mm, inch					
	IC	TPN	TPX	TPIN	TPIX	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	7015	RER	REL	HA	HB	PDX	PDY
16	3/8	1.0	2.0	12.0	24.0	1	266RG-16VM01A001EE																★	0.13	0.13	1.68	0.14	1.00	1.03
																								.005	.005	.0661	.0055	.039	.041
		1.0	2.0	12.0	24.0	1	266RG-16VM01A001M		★	☆		☆	★		★	☆		★	☆		☆	★		0.13	0.13	1.68	0.14	1.00	1.03
																								.005	.005	.0661	.0055	.039	.041
		1.0	2.0	12.0	24.0	1	266RG-16VM01C001M		★															0.13	0.13	1.68	0.14	1.00	1.03
																								.005	.005	.0661	.0055	.039	.041
		1.0	2.0	12.0	24.0	1	266RG-16VM01F001E			★			★			★			★			★		0.13	0.13	1.68	0.14	1.00	1.03
																								.005	.005	.0661	.0055	.039	.041
		1.5	3.0	8.0	16.0	1	266RG-16VM01A002EE																★	0.20	0.20	2.64	0.20	1.50	1.03
																								.008	.008	.1039	.0079	.059	.041
		1.5	3.0	8.0	16.0	1	266RG-16VM01A002M		★	☆		☆	★		★	☆		★	☆		☆	★		0.20	0.20	2.64	0.20	1.50	1.03
																								.008	.008	.1039	.0079	.059	.041
		1.5	3.0	8.0	16.0	1	266RG-16VM01C002M		★															0.20	0.20	2.64	0.20	1.50	1.03
																								.008	.008	.1039	.0079	.059	.041
		1.5	3.0	8.0	16.0	1	266RG-16VM01F002E			★			★			★			★			★		0.20	0.20	2.64	0.20	1.50	1.03
																								.008	.008	.1039	.0079	.059	.041
22	1/2	3.5	6.0	4.0	7.0	1	266RG-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	★			0.48	0.48	4.92	0.48	2.90	0.39
																								.019	.019	.1937	.0189	.114	.015
		3.5	6.0	4.0	7.0	1	266RG-22VM01F001E	★			★			★			★			★				0.48	0.48	4.92	0.48	2.90	0.39
																								.019	.019	.1937	.0189	.114	.015

External left-hand threads

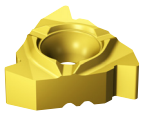
								P			M			K			N			S			Dimensions, mm, inch					
	IC	TPN	TPX	TPIN	TPIX	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	RER	REL	HA	HB	PDX	PDY
16	3/8	1.0	2.0	12.0	24.0	1	266LG-16VM01A001M		★	☆		☆	★		★	☆		★	☆		☆	★	0.13	0.13	1.68	0.14	1.00	1.03
																							.005	.005	.0661	.0055	.039	.041
		1.5	3.0	8.0	16.0	1	266LG-16VM01A002M		★	☆		☆	★		★	☆		★	☆		☆	★	0.20	0.20	2.64	0.20	1.50	0.99
																							.008	.008	.1039	.0079	.059	.039
22	1/2	3.5	6.0	4.0	7.0	1	266LG-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	★		0.48	0.48	4.92	0.48	2.90	0.39
																							.019	.019	.1937	.0189	.114	.015

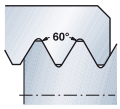
R = Right hand, L = Left hand

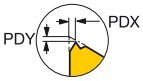
C51 C59 C96 C113 H37 H28 H26

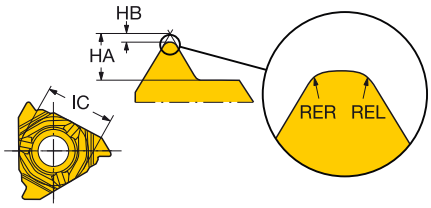
CoroThread® 266 insert for thread turning

V-profile 60° Non-topping









Internal right-hand threads

IC	TPN	TPX	TPIN	TPIX	NT	Ordering code	P 1020	P 1125	P 1135	M 1020	M 1125	M 1135	K 1020	K 1125	K 1135	N 1020	N 1125	N 1135	S 1020	S 1125	S 1135	H 7015	Dimensions, mm, inch RER	REL	HA	HB	PDX	PDY
3/8	1.0	2.0	12.0	24.0	1	266RL-16VM01A001M		★	☆		☆	★		★	☆		★	☆		☆	★		0.06	0.06	1.45	0.06	1.00	1.01
																							.002	.002	.0571	.0024	.039	.040
	1.0	2.0	12.0	24.0	1	266RL-16VM01C001M			★			★			★			★			★		0.06	0.06	1.45	0.06	1.00	1.02
																							.002	.002	.0571	.0024	.039	.040
	1.0	2.0	12.0	24.0	1	266RL-16VM01F001E			★			★			★			★			★		0.06	0.06	1.45	0.06	1.00	1.02
																							.002	.002	.0571	.0024	.039	.040
	1.5	3.0	8.0	16.0	1	266RL-16VM01A002EE																★	0.09	0.09	2.54	0.09	1.50	1.01
																							.004	.004	.1000	.0035	.059	.040
	1.5	3.0	8.0	16.0	1	266RL-16VM01A002M		★	☆		☆	★		★	☆		★	☆		☆	★		0.09	0.09	2.54	0.09	1.50	1.01
																							.004	.004	.1000	.0035	.059	.040
	1.5	3.0	8.0	16.0	1	266RL-16VM01C002M			★			★			★			★			★		0.09	0.09	2.54	0.09	1.50	1.03
																							.004	.004	.1000	.0035	.059	.041
	1.5	3.0	8.0	16.0	1	266RL-16VM01F002E			★			★			★			★			★		0.09	0.09	2.54	0.09	1.50	1.03
																							.004	.004	.1000	.0035	.059	.041
1/2	3.5	6.0	4.0	7.0	1	266RL-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	★			0.26	0.26	4.35	0.26	2.50	0.77
																							.010	.010	.1713	.0102	.098	.030
	3.5	6.0	4.0	7.0	1	266RL-22VM01F001E	★			★			★			★			★				0.26	0.26	4.35	0.26	2.50	0.77
																							.010	.010	.1713	.0102	.098	.030

Internal left-hand threads

IC	TPN	TPX	TPIN	TPIX	NT	Ordering code	P 1020	P 1125	P 1135	M 1020	M 1125	M 1135	K 1020	K 1125	K 1135	N 1020	N 1125	N 1135	S 1020	S 1125	S 1135	Dimensions, mm, inch RER	REL	HA	HB	PDX	PDY
3/8	1.0	2.0	12.0	24.0	1	266LL-16VM01A001M		★	☆		☆	★		★	☆		★	☆		☆	★	0.06	0.06	1.45	0.06	1.00	1.01
																						.002	.002	.0571	.0024	.039	.040
	1.5	3.0	8.0	16.0	1	266LL-16VM01A002M		★	☆		☆	★		★	☆		★	☆		☆	★	0.09	0.09	2.54	0.09	1.50	1.01
																						.004	.004	.1000	.0035	.059	.040
1/2	3.5	6.0	4.0	7.0	1	266LL-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	★		0.26	0.26	4.35	0.26	2.75	0.77
																						.010	.010	.1713	.0102	.108	.030

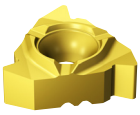
R = Right hand, L = Left hand

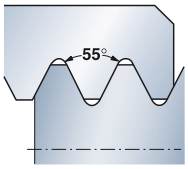
C51 C59 C96 C113 H37 H28 H26

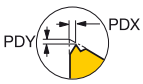
SANDVIK Coromant

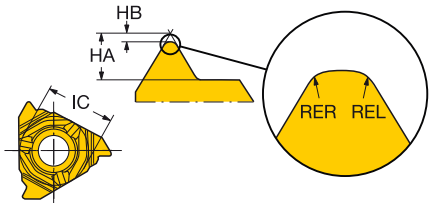
CoroThread® 266 insert for thread turning

V-profile 55° Non-topping









External right-hand threads

						P			M			K			N			S			Dimensions, mm, inch					
	IC	TPIN	TPIX	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	RER	REL	HA	HB	PDX	PDY
16	3/8	14.0	28.0	1	266RG-16VW01A001M		★	☆		☆	★		★	☆		★	☆		☆	★	0.11	0.11	1.68	0.14	1.00	1.03
																					.004	.004	.0661	.0055	.039	.041
		14.0	28.0	1	266RG-16VW01C001M		★			★			★			★			★		0.11	0.11	1.68	0.13	1.00	1.03
																					.004	.004	.0661	.0051	.039	.041
		14.0	28.0	1	266RG-16VW01F001E			★			★			★			★			★	0.11	0.11	1.68	0.14	1.00	1.01
																					.004	.004	.0661	.0055	.039	.040
		8.0	14.0	1	266RG-16VW01A002M		★	☆		☆	★		★	☆		★	☆		☆	★	0.23	0.23	2.79	0.26	1.50	1.03
																					.009	.009	.1098	.0102	.059	.041
		8.0	14.0	1	266RG-16VW01C002M		★			★			★			★			★		0.23	0.23	2.79	0.26	1.50	1.03
																					.009	.009	.1098	.0102	.059	.041
		8.0	14.0	1	266RG-16VW01F002E			★			★			★			★			★	0.23	0.23	2.79	0.26	1.50	0.99
																					.009	.009	.1098	.0102	.059	.039
22	1/2	4.0	7.0	1	266RG-22VW01A001M	☆	★		☆	★		☆	★		☆	★		☆	★		0.48	0.48	5.23	0.53	2.75	0.10
																					.019	.019	.2059	.0209	.108	.004
		4.0	7.0	1	266RG-22VW01F001E	★			★			★			★			★			0.48	0.48	5.23	0.53	2.75	0.10
																					.019	.019	.2059	.0209	.108	.004

External left-hand threads

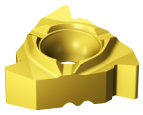
						P		M		K		N		S		Dimensions, mm, inch						
	IC	TPIN	TPIX	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	RER	REL	HA	HB	PDX	PDY
16	3/8	14.0	28.0	1	266LG-16VW01A001M		★		★		★		★		★	0.11	0.11	1.68	0.13	1.00	1.03
																.004	.004	.066	.005	.039	.041
		8.0	14.0	1	266LG-16VW01A002M		★		★		★		★		★	0.23	0.23	2.79	0.26	1.50	1.03
																.009	.009	.109	.010	.059	.041
22	1/2	4.0	7.0	1	266LG-22VW01A001M	★		★		★		★		★		0.48	0.48	5.23	0.53	2.75	0.10
																.019	.019	.205	.020	.108	.004

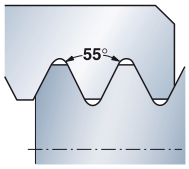
R = Right hand, L = Left hand

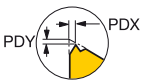
C51 C59 C96 C113 H37 H28 H26

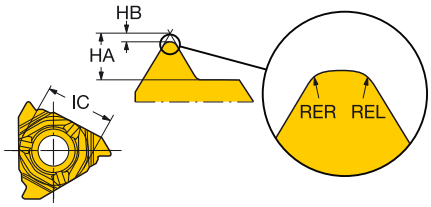
CoroThread® 266 insert for thread turning

V-profile 55° Non-topping









Internal right-hand threads

						P			M			K			N			S			Dimensions, mm, inch					
	IC	TPIN	TPIX	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	RER	REL	HA	HB	PDX	PDY
16	3/8	14.0	28.0	1	266RL-16VW01A001M		★	☆		☆	★		★	☆		★	☆		☆	★	0.11	0.11	1.60	0.12	1.00	1.01
																					.004	.004	.0630	.0047	.039	.040
		14.0	28.0	1	266RL-16VW01C001M			★			★			★			★			★	0.11	0.11	1.60	0.12	1.00	1.01
																					.004	.004	.0630	.0045	.039	.040
		14.0	28.0	1	266RL-16VW01F001E			★			★			★			★			★	0.11	0.11	1.60	0.12	1.00	1.01
																					.004	.004	.0630	.0045	.039	.040
		8.0	14.0	1	266RL-16VW01A002M		★	☆		☆	★		★	☆		★	☆		☆	★	0.23	0.23	2.80	0.25	1.50	1.01
																					.009	.009	.1102	.0098	.059	.040
		8.0	14.0	1	266RL-16VW01C002M			★			★			★			★			★	0.23	0.23	2.80	0.24	1.50	1.03
																					.009	.009	.1102	.0094	.059	.041
		8.0	14.0	1	266RL-16VW01F002E			★			★			★			★			★	0.23	0.23	2.80	0.24	1.50	0.99
																					.009	.009	.1102	.0094	.059	.039
22	1/2	4.0	7.0	1	266RL-22VW01A001M	☆	★		☆	★		☆	★		☆	★		☆	★		0.47	0.47	5.18	0.53	2.75	0.19
																					.019	.019	.2039	.0209	.108	.007
		4.0	7.0	1	266RL-22VW01F001E	★			★			★			★			★			0.47	0.47	5.18	0.53	2.75	0.19
																					.019	.019	.2039	.0209	.108	.007

Internal left-hand threads

						P		M		K		N		S		Dimensions, mm, inch					
	IC	TPIN	TPIX	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	RER	REL	HA	HB	PDX	PDY
16	3/8	14.0	28.0	1	266LL-16VW01A001M		★		★		★		★		★	0.11	0.11	1.60	0.12	1.00	1.03
																.004	.004	.0630	.0047	.039	.041
		8.0	14.0	1	266LL-16VW01A002M		★		★		★		★		★	0.23	0.23	2.80	0.25	1.50	1.01
																.009	.009	.1102	.0098	.059	.040
22	1/2	4.0	7.0	1	266LL-22VW01A001M	★		★		★		★		★		0.47	0.47	5.18	0.53	2.75	0.19
																.019	.019	.2039	.0209	.108	.007

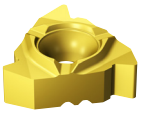
R = Right hand, L = Left hand

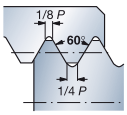
C51 C59 C96 C113 H37 H28 H26

SANDVIK Coromant

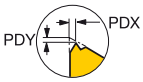
CoroThread® 266 insert for thread turning

Metric 60° Topping

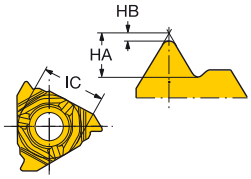




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External right-hand threads

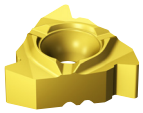
IC	TP	NT	Ordering code	P 1020	P 1125	P 1135	M 1020	M 1125	M 1135	K 1020	K 1125	K 1135	N 1020	N 1125	N 1135	S 1020	S 1125	S 1135	Dimensions, mm, inch HA	HB	PDX	PDY
3/8	0.50	1	266RG-16MM01A050M		★	☆		☆	★		★	☆		★	☆		☆	★	0.37	0.08	0.50	1.32
	.020																		.0146	.0032	.020	.052
	0.75	1	266RG-16MM01A075M		★	☆		☆	★		★	☆		★	☆		☆	★	0.56	0.11	0.50	1.32
	.030																		.0220	.0043	.020	.052
	0.80	1	266RG-16MM01F080E			★			★			★			★			★	0.60	0.11	0.60	1.32
	.031																		.0236	.0043	.024	.052
	1.00	1	266RG-16MM01A100M		★	☆		☆	★		★	☆		★	☆		☆	★	0.75	0.15	0.80	1.32
	.039																		.0295	.0059	.031	.052
	1.00	1	266RG-16MM01C100M		★			★			★			★			★		0.75	0.15	0.80	1.32
	.039																		.0295	.0059	.031	.052
	1.00	1	266RG-16MM01F100E			★			★			★			★			★	0.75	0.15	0.80	1.32
	.039																		.0295	.0059	.031	.052
	1.25	1	266RG-16MM01A125M		★	☆		☆	★		★	☆		★	☆		☆	★	0.93	0.19	0.80	1.32
	.049																		.0366	.0075	.031	.052
	1.25	1	266RG-16MM01C125M		★			★			★			★			★		0.93	0.19	0.80	1.32
	.049																		.0366	.0075	.031	.052
	1.25	1	266RG-16MM01F125E			★			★			★			★			★	0.93	0.19	0.80	1.32
	.049																		.0366	.0075	.031	.052
	1.50	1	266RG-16MM01A150M		★	☆		☆	★		★	☆		★	☆		☆	★	1.12	0.22	1.00	1.32
	.059																		.0441	.0087	.039	.052
	1.50	1	266RG-16MM01C150M		★			★			★			★			★		1.12	0.22	1.00	1.33
	.059																		.0441	.0087	.039	.052
	1.50	1	266RG-16MM01F150E			★			★			★			★			★	1.12	0.22	1.00	1.32
	.059																		.0441	.0087	.039	.052
	1.75	1	266RG-16MM01A175M		★	☆		☆	★		★	☆		★	☆		☆	★	1.31	0.25	1.20	1.32
	.069																		.0516	.0098	.047	.052
	1.75	1	266RG-16MM01C175M		★			★			★			★			★		1.31	0.25	1.20	1.33
	.069																		.0516	.0098	.047	.052
	1.75	1	266RG-16MM01F175E			★			★			★			★			★	1.31	0.25	1.20	1.32
	.069																		.0516	.0098	.047	.052
	2.00	1	266RG-16MM01A200M		★	☆		☆	★		★	☆		★	☆		☆	★	1.50	0.29	1.40	1.32
	.079																		.0591	.0114	.055	.052
	2.00	1	266RG-16MM01C200M		★			★			★			★			★		1.50	0.29	1.40	1.33
	.079																		.0591	.0114	.055	.052
	2.00	1	266RG-16MM01F200E			★			★			★			★			★	1.50	0.29	1.40	1.32
	.079																		.0591	.0114	.055	.052
	2.50	1	266RG-16MM01A250M		★	☆		☆	★		★	☆		★	☆		☆	★	1.87	0.36	1.40	1.32
	.098																		.0736	.0142	.055	.052
	2.50	1	266RG-16MM01C250M		★			★			★			★			★		1.87	0.36	1.40	1.33
	.098																		.0736	.0142	.055	.052
	2.50	1	266RG-16MM01F250E			★			★			★			★			★	1.87	0.36	1.40	1.32
	.098																		.0736	.0142	.055	.052
	3.00	1	266RG-16MM01A300M		★	☆		☆	★		★	☆		★	☆		☆	★	2.25	0.42	1.80	1.32
	.118																		.0886	.0165	.071	.052
	3.00	1	266RG-16MM01C300M		★			★			★			★			★		2.25	0.42	1.80	1.33
	.118																		.0886	.0165	.071	.052
	3.00	1	266RG-16MM01F300E			★			★			★			★			★	2.25	0.42	1.80	1.32
	.118																		.0886	.0165	.071	.052

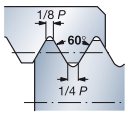
R = Right hand

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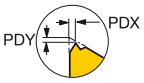
CoroThread® 266 insert for thread turning

Metric 60° Topping

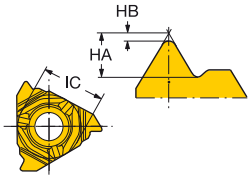




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External right-hand threads

					P			M			K			N			S			Dimensions, mm, inch			
	IC	TP	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
22	1/2	3.50	1	266RG-22MM01A350M	☆	★		☆	★		☆	★		☆	★		☆	★		2.62	0.49	2.50	1.67
		.138																		.1032	.0193	.098	.066
		3.50	1	266RG-22MM01F350E	★			★			★			★			★			2.62	0.49	2.50	1.67
		.138																		.1032	.0193	.098	.066
		4.00	1	266RG-22MM01A400M	☆	★		☆	★		☆	★		☆	★		☆	★		3.00	0.56	2.50	1.67
		.157																		.1181	.0220	.098	.066
		4.00	1	266RG-22MM01F400E	★			★			★			★			★			3.00	0.56	2.50	1.67
		.157																		.1181	.0220	.098	.066
		4.50	1	266RG-22MM01A450M	☆	★		☆	★		☆	★		☆	★		☆	★		3.37	0.63	2.50	1.67
		.177																		.1327	.0248	.098	.066
		5.00	1	266RG-22MM01A500M	☆	★		☆	★		☆	★		☆	★		☆	★		3.76	0.71	2.50	1.38
		.197																		.1480	.0280	.098	.054
		5.50	1	266RG-22MM01A550M	☆	★		☆	★		☆	★		☆	★		☆	★		4.13	0.79	2.50	1.08
		.217																		.1626	.0311	.098	.043
		6.00	1	266RG-22MM01A600M	☆	★		☆	★		☆	★		☆	★		☆	★		4.51	0.86	2.80	0.88
		.236																		.1776	.0339	.110	.035

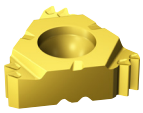
R = Right hand

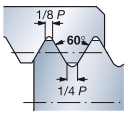
C51 C59 C96 C113 H37 H28 H26

SANDVIK Coromant

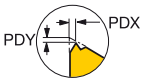
CoroThread® 266 insert for thread turning

Metric 60° Topping

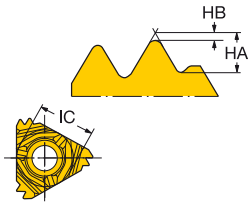




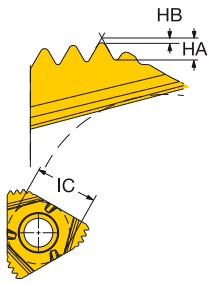
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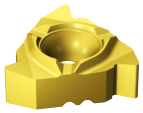
External right-hand threads – multipoint insert

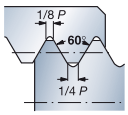
					P			M			K			N			S			Dimensions, mm, inch			
	IC	TP	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
16	3/8	1.00	3	266RG-16MM03A100M		★			★			★			★			★		0.75	0.15	2.50	1.62
		.039																		.0295	.0059	.098	.064
		1.25	2	266RG-16MM02A125M		★			★			★			★			★		0.96	0.09	2.25	1.41
		.049																		.0378	.0035	.089	.056
		1.50	2	266RG-16MM02A150M		★	☆		☆	★		★	☆		★	☆		☆	★	1.12	0.22	2.20	1.42
		.059																		.0441	.0087	.087	.056
		1.75	2	266RG-16MM02A175M		★			★			★			★			★		0.93	0.19	1.90	1.33
		.069																		.0366	.0075	.075	.052
		2.00	2	266RG-16MM02A200M		★			★			★			★			★		1.50	0.29	2.90	1.91
		.079																		.0591	.0114	.114	.075
22	1/2	2.50	2	266RG-22MM02A250E	★			★			★			★			★			1.87	0.36	3.75	1.97
		.098																		.0736	.0142	.148	.077
		3.00	2	266RG-22MM02A300E	★			★			★			★			★			2.25	0.42	4.40	2.76
		.118																		.0886	.0165	.173	.109

R = Right hand

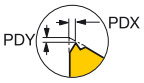
CoroThread® 266 insert for thread turning

Metric 60° Topping

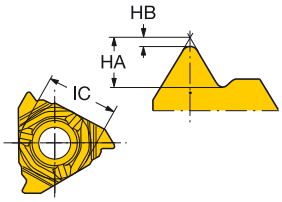




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External left-hand threads

																	Dimensions, mm, inch			
					P		M		K		N		S							
	IC	TP	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY
16	3/8	0.50	1	266LG-16MM01A050M		★		★		★		★		★	0.37	0.08	0.50	1.32
		.020													.0146	.0032	.020	.052
		0.75	1	266LG-16MM01A075M		★		★		★		★		★	0.56	0.11	0.50	1.32
		.030													.0220	.0043	.020	.052
		1.00	1	266LG-16MM01A100M		★		★		★		★		★	0.75	0.15	0.80	1.32
		.039													.0295	.0059	.031	.052
		1.25	1	266LG-16MM01A125M		★		★		★		★		★	0.93	0.19	0.80	1.32
		.049													.0366	.0075	.031	.052
		1.50	1	266LG-16MM01A150M		★		★		★		★		★	1.12	0.22	1.00	1.32
		.059													.0441	.0087	.039	.052
		1.75	1	266LG-16MM01A175M		★		★		★		★		★	1.31	0.25	1.20	1.32
		.069													.0516	.0098	.047	.052
		2.00	1	266LG-16MM01A200M		★		★		★		★		★	1.50	0.29	1.40	1.32
		.079													.0591	.0114	.055	.052
		2.50	1	266LG-16MM01A250M		★		★		★		★		★	1.87	0.36	1.40	1.32
		.098													.0736	.0142	.055	.052
		3.00	1	266LG-16MM01A300M		★		★		★		★		★	2.25	0.42	1.80	1.32
		.118													.0886	.0165	.071	.052
22	1/2	3.50	1	266LG-22MM01A350M	★		★		★		★		★		2.62	0.49	2.50	1.67
		.138													.1032	.0193	.098	.066
		4.00	1	266LG-22MM01A400M	★		★		★		★		★		3.00	0.56	2.50	1.67
		.157													.1181	.0220	.098	.066
		4.50	1	266LG-22MM01A450M	★		★		★		★		★		3.37	0.63	2.50	1.67
		.177													.1327	.0248	.098	.066
		5.00	1	266LG-22MM01A500M	★		★		★		★		★		3.76	0.71	2.50	1.38
		.197													.1480	.0280	.098	.054
		5.50	1	266LG-22MM01A550M	★		★		★		★		★		4.13	0.79	2.50	1.08
		.217													.1626	.0311	.098	.043
		6.00	1	266LG-22MM01A600M	★		★		★		★		★		4.51	0.86	2.80	0.88
		.236													.1776	.0339	.110	.035

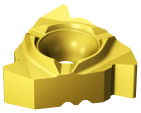
L = Left hand

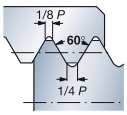
C51 C59 C96 C113 H37 H28 H26

SANDVIK Coromant

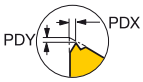
CoroThread® 266 insert for thread turning

Metric 60° Topping

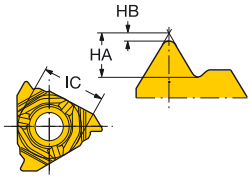




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Internal right-hand threads

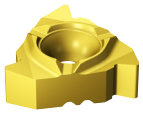
						P			M			K			N			S			Dimensions, mm, inch			
	IC	TP	NT	Ordering code		1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
16	3/8	0.50	1	266RL-16MM01A050M			★	☆		☆	★		★	☆		★	☆		☆	★	0.32	0.03	0.50	1.30
		.020																			.0126	.0012	.020	.051
		0.75	1	266RL-16MM01A075M			★	☆		☆	★		★	☆		★	☆		☆	★	0.47	0.04	0.50	1.30
		.030																			.0185	.0016	.020	.051
		1.00	1	266RL-16MM01A100M			★	☆		☆	★		★	☆		★	☆		☆	★	0.64	0.06	0.80	1.30
		.039																			.0252	.0024	.031	.051
		1.00	1	266RL-16MM01C100M				★			★			★			★			★	0.64	0.06	0.80	1.30
		.039																			.0252	.0024	.031	.051
		1.00	1	266RL-16MM01F100E				★			★			★			★			★	0.64	0.06	0.80	1.30
		.039																			.0252	.0024	.031	.051
		1.25	1	266RL-16MM01A125M			★	☆		☆	★		★	☆		★	☆		☆	★	0.79	0.07	0.80	1.30
		.049																			.0311	.0028	.031	.051
		1.25	1	266RL-16MM01C125M				★			★			★			★			★	0.79	0.07	0.80	1.30
		.049																			.0311	.0028	.031	.051
		1.25	1	266RL-16MM01F125E				★			★			★			★			★	0.79	0.07	0.80	1.30
		.049																			.0311	.0028	.031	.051
		1.50	1	266RL-16MM01A150M			★	☆		☆	★		★	☆		★	☆		☆	★	0.96	0.09	1.00	1.30
		.059																			.0378	.0035	.039	.051
		1.50	1	266RL-16MM01C150M				★			★			★			★			★	0.96	0.09	1.50	1.43
		.059																			.0378	.0035	.059	.056
		1.50	1	266RL-16MM01F150E				★			★			★			★			★	0.96	0.09	1.00	1.30
		.059																			.0378	.0035	.039	.051
		1.75	1	266RL-16MM01A175M			★	☆		☆	★		★	☆		★	☆		☆	★	1.11	0.11	1.20	1.30
		.069																			.0437	.0043	.047	.051
		1.75	1	266RL-16MM01C175M				★			★			★			★			★	1.11	0.11	1.20	1.30
		.069																			.0437	.0043	.047	.051
		1.75	1	266RL-16MM01F175E				★			★			★			★			★	1.11	0.11	1.20	1.30
		.069																			.0437	.0043	.047	.051
		2.00	1	266RL-16MM01A200M			★	☆		☆	★		★	☆		★	☆		☆	★	1.27	0.12	1.40	1.30
		.079																			.0500	.0047	.055	.051
		2.00	1	266RL-16MM01C200M				★			★			★			★			★	1.27	0.12	1.40	1.30
		.079																			.0500	.0047	.055	.051
		2.00	1	266RL-16MM01F200E				★			★			★			★			★	1.27	0.12	1.40	1.30
		.079																			.0500	.0047	.055	.051
		2.50	1	266RL-16MM01A250M			★	☆		☆	★		★	☆		★	☆		☆	★	1.59	0.16	1.40	1.30
		.098																			.0626	.0063	.055	.051
		2.50	1	266RL-16MM01C250M				★			★			★			★			★	1.59	0.16	1.40	1.30
		.098																			.0626	.0063	.055	.051
		2.50	1	266RL-16MM01F250E				★			★			★			★			★	1.59	0.16	1.40	1.30
		.098																			.0626	.0063	.055	.051
		3.00	1	266RL-16MM01A300M			★	☆		☆	★		★	☆		★	☆		☆	★	1.92	0.19	1.80	1.30
		.118																			.0756	.0075	.071	.051
		3.00	1	266RL-16MM01C300M				★			★			★			★			★	1.92	0.19	1.80	1.30
		.118																			.0756	.0075	.071	.051
		3.00	1	266RL-16MM01F300E				★			★			★			★			★	1.92	0.19	1.80	1.30
		.118																			.0756	.0075	.071	.051

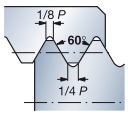
R = Right hand

C51 C59 C96 C113 H37 H28 H26

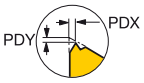
CoroThread® 266 insert for thread turning

Metric 60° Topping

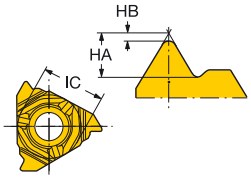




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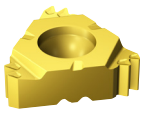
Internal right-hand threads

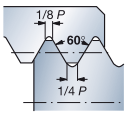
					P			M			K			N			S			Dimensions, mm, inch			
	IC	TP	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
22	1/2	3.50	1	266RL-22MM01A350M	☆	★		☆	★		☆	★		☆	★		☆	★		2.24	0.26	2.50	1.64
		.138																		.0882	.0102	.098	.065
		4.00	1	266RL-22MM01A400M	☆	★		☆	★		☆	★		☆	★		☆	★		2.56	0.30	2.50	1.64
		.157																		.1008	.0118	.098	.065
		4.50	1	266RL-22MM01A450M	☆	★		☆	★		☆	★		☆	★		☆	★		2.89	0.33	2.50	1.64
		.177																		.1138	.0130	.098	.065
		5.00	1	266RL-22MM01A500M	☆	★		☆	★		☆	★		☆	★		☆	★		3.21	0.38	2.50	1.35
		.197																		.1264	.0150	.098	.053
		5.50	1	266RL-22MM01A550M	☆	★		☆	★		☆	★		☆	★		☆	★		3.54	0.40	2.50	1.06
		.217																		.1394	.0157	.098	.042
		6.00	1	266RL-22MM01A600M	☆	★		☆	★		☆	★		☆	★		☆	★		3.86	0.47	2.40	0.87
		.236																		.1520	.0185	.094	.034

R = Right hand

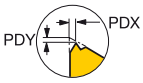
CoroThread® 266 insert for thread turning

Metric 60° Topping

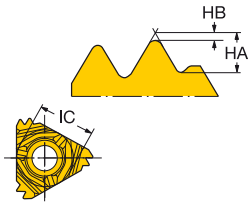




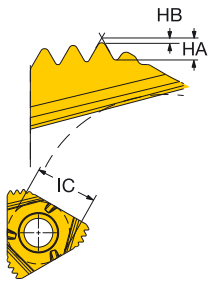
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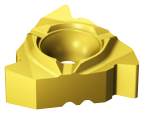
Internal right-hand threads – multipoint insert

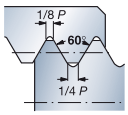
					P			M			K			N			S			Dimensions, mm, inch			
	IC	TP	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
16	3/8	1.00	3	266RL-16MM03A100M		★			★			★			★			★		0.64	0.06	2.40	1.59
		.039																		.0252	.0024	.094	.063
		1.50	2	266RL-16MM02A150M		★	☆		☆	★		★	☆		★	☆		☆	★	0.96	0.14	2.25	1.41
		.059																		.0378	.0055	.089	.056
		2.00	2	266RL-16MM02A200M		★			★			★			★			★		1.27	0.12	2.85	1.79
		.079																		.0500	.0047	.112	.070
22	1/2	2.50	2	266RL-22MM02A250E	★			★			★			★			★			1.59	0.16	3.50	1.93
		.098																		.0626	.0063	.138	.076
		3.00	2	266RL-22MM02A300E	★			★			★			★			★			1.98	0.19	4.40	2.70
		.118																		.0780	.0075	.173	.106

R = Right hand

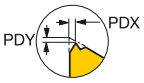
CoroThread® 266 insert for thread turning

Metric 60° Topping

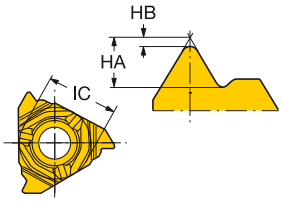




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Internal left-hand threads

IC	TP	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	HA	HB	PDX	PDY
16	0.50	1	266LL-16MM01A050M		★		★		★		★		★	0.32	0.03	0.50	1.30
3/8	.020													.0126	.0012	.020	.051
	0.75	1	266LL-16MM01A075M		★		★		★		★		★	0.47	0.04	0.50	1.30
	.030													.0185	.0016	.020	.051
	1.00	1	266LL-16MM01A100M		★		★		★		★		★	0.64	0.06	0.80	1.30
	.039													.0252	.0024	.031	.051
	1.25	1	266LL-16MM01A125M		★		★		★		★		★	0.79	0.07	0.80	1.30
	.049													.0311	.0028	.031	.051
	1.50	1	266LL-16MM01A150M		★		★		★		★		★	0.96	0.09	1.00	1.30
	.059													.0378	.0035	.039	.051
	1.75	1	266LL-16MM01A175M		★		★		★		★		★	1.11	0.11	1.20	1.30
	.069													.0437	.0043	.047	.051
	2.00	1	266LL-16MM01A200M		★		★		★		★		★	1.27	0.12	1.40	1.30
	.079													.0500	.0047	.055	.051
	2.50	1	266LL-16MM01A250M		★		★		★		★		★	1.59	0.16	1.40	1.30
	.098													.0626	.0063	.055	.051
	3.00	1	266LL-16MM01A300M		★		★		★		★		★	1.92	0.19	1.80	1.30
	.118													.0756	.0075	.071	.051
22	3.50	1	266LL-22MM01A350M	★		★		★		★		★		2.24	0.26	2.50	1.64
1/2	.138													.0882	.0102	.098	.065
	4.00	1	266LL-22MM01A400M	★		★		★		★		★		2.56	0.30	2.50	1.64
	.157													.1008	.0118	.098	.065
	4.50	1	266LL-22MM01A450M	★		★		★		★		★		2.89	0.33	2.50	1.64
	.177													.1138	.0130	.098	.065
	5.00	1	266LL-22MM01A500M	★		★		★		★		★		3.21	0.38	2.50	1.35
	.197													.1264	.0150	.098	.053
	5.50	1	266LL-22MM01A550M	★		★		★		★		★		3.54	0.40	2.50	1.06
	.217													.1394	.0157	.098	.042
	6.00	1	266LL-22MM01A600M	★		★		★		★		★		3.86	0.47	2.40	0.87
	.236													.1520	.0185	.094	.034

L = Left hand

C51 C59 C96 C113 H37 H28 H26

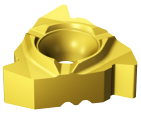
SANDVIK Coromant

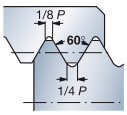
CoroThread® 266 insert for thread turning

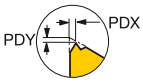
UN 60° Full form

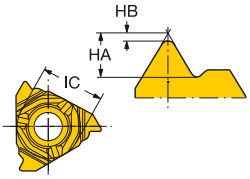
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External right-hand threads

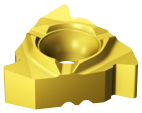
IC	TPI	NT	Ordering code	P 1020	P 1125	P 1135	M 1020	M 1125	M 1135	K 1020	K 1125	K 1135	N 1020	N 1125	N 1135	S 1020	S 1125	S 1135	Dimensions, mm, inch HA	HB	PDX	PDY
3/8	32.0	1	266RG-16UN01A320M		★	☆		☆	★		★	☆		★	☆		☆	★	0.59	0.10	0.50	1.30
																			.0232	.0039	.020	.051
	28.0	1	266RG-16UN01A280M		★	☆		☆	★		★	☆		★	☆		☆	★	0.68	0.12	0.80	1.32
																			.0268	.0047	.031	.052
	24.0	1	266RG-16UN01A240M		★	☆		☆	★		★	☆		★	☆		☆	★	0.79	0.14	0.08	1.30
																			.0311	.0055	.003	.051
	24.0	1	266RG-16UN01C240M		★			★			★			★			★		0.79	0.14	0.80	1.33
																			.0311	.0055	.031	.052
	24.0	1	266RG-16UN01F240E			★			★			★			★			★	0.79	0.14	0.80	1.30
																			.0311	.0055	.031	.051
	20.0	1	266RG-16UN01A200M		★	☆		☆	★		★	☆		★	☆		☆	★	0.95	0.16	0.08	1.30
																			.0374	.0063	.003	.051
	20.0	1	266RG-16UN01C200M		★			★			★			★			★		0.95	0.16	0.80	1.33
																			.0374	.0063	.031	.052
	20.0	1	266RG-16UN01F200E			★			★			★			★			★	0.95	0.16	0.80	1.30
																			.0374	.0063	.031	.051
	18.0	1	266RG-16UN01A180M		★	☆		☆	★		★	☆		★	☆		☆	★	1.05	0.18	1.00	1.30
																			.0413	.0071	.039	.051
	18.0	1	266RG-16UN01C180M		★			★			★			★			★		1.05	0.18	1.00	1.33
																			.0413	.0071	.039	.052
	18.0	1	266RG-16UN01F180E			★			★			★			★			★	1.05	0.18	1.00	1.30
																			.0413	.0071	.039	.051
	16.0	1	266RG-16UN01A160M		★	☆		☆	★		★	☆		★	☆		☆	★	1.19	0.20	1.00	1.30
																			.0469	.0079	.039	.051
	16.0	1	266RG-16UN01C160M		★			★			★			★			★		1.19	0.20	1.00	1.33
																			.0469	.0079	.039	.052
	16.0	1	266RG-16UN01F160E			★			★			★			★			★	1.19	0.20	1.00	1.30
																			.0469	.0079	.039	.051
	14.0	1	266RG-16UN01A140M		★	☆		☆	★		★	☆		★	☆		☆	★	1.35	0.23	1.20	1.30
																			.0532	.0091	.047	.051
	14.0	1	266RG-16UN01C140M		★			★			★			★			★		1.35	0.23	1.20	1.33
																			.0532	.0091	.047	.052
	14.0	1	266RG-16UN01F140E			★			★			★			★			★	1.35	0.23	1.20	1.30
																			.0532	.0091	.047	.051
	13.0	1	266RG-16UN01A130M		★	☆		☆	★		★	☆		★	☆		☆	★	1.46	0.25	1.40	1.30
																			.0575	.0098	.055	.051
	12.0	1	266RG-16UN01A120M		★	☆		☆	★		★	☆		★	☆		☆	★	1.58	0.28	1.40	1.30
																			.0622	.0110	.055	.051
	12.0	1	266RG-16UN01C120M		★			★			★			★			★		1.58	0.28	1.40	1.33
																			.0622	.0110	.055	.052
	12.0	1	266RG-16UN01F120E			★			★			★			★			★	1.58	0.28	1.40	1.30
																			.0622	.0110	.055	.051
	11.0	1	266RG-16UN01A110M		★	☆		☆	★		★	☆		★	☆		☆	★	1.72	0.30	1.40	1.30
																			.0677	.0118	.055	.051
	10.0	1	266RG-16UN01A100M		★	☆		☆	★		★	☆		★	☆		☆	★	1.90	0.33	1.40	1.30
																			.0748	.0130	.055	.051
	9.0	1	266RG-16UN01A090M		★			★			★			★			★		2.11	0.37	1.80	1.30
																			.0831	.0146	.071	.051
	8.0	1	266RG-16UN01A080M		★	☆		☆	★		★	☆		★	☆		☆	★	2.38	0.41	1.80	1.30
																			.0937	.0161	.071	.051
	8.0	1	266RG-16UN01C080M		★			★			★			★			★		2.38	0.41	1.80	1.33
																			.0937	.0161	.071	.052

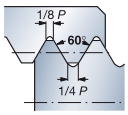
R = Right hand

C51 C59 C96 C113 H37 H28 H26

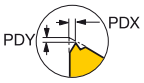
CoroThread® 266 insert for thread turning

UN 60° Full form

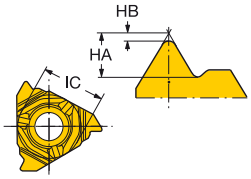




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External right-hand threads

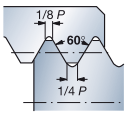
					P			M			K			N			S			Dimensions, mm, inch			
	IC	TPI	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
16	3/8	8.0	1	266RG-16UN01F080E			★			★			★			★			★	2.38	0.41	1.80	1.30
																				.0937	.0161	.071	.051
22	1/2	7.0	1	266RG-22UN01A070M	★			★			★			★			★			2.70	0.49	2.50	1.67
																				.1063	.0193	.098	.066
		6.0	1	266RG-22UN01A060M	★			★			★			★			★			3.16	0.57	2.50	1.67
																				.1244	.0224	.098	.066
		5.0	1	266RG-22UN01A050M	★			★			★			★			★			3.81	0.69	2.50	1.38
																				.1500	.0272	.098	.054
		4.5	1	266RG-22UN01A045M	★			★			★			★			★			4.23	0.77	2.65	1.08
																				.1665	.0303	.104	.043
		4.0	1	266RG-22UN01A040M	★			★			★			★			★			4.76	0.87	2.90	0.79
																				.1874	.0343	.114	.031

R = Right hand

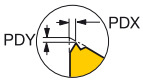
CoroThread® 266 insert for thread turning

UN 60° Full form

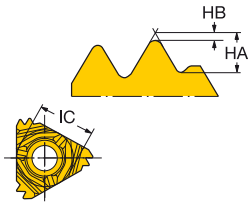




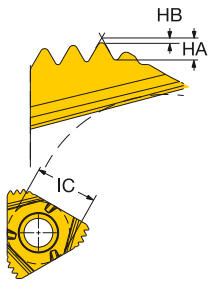
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External right-hand threads – multipoint insert

					P	M	K	N	S	Dimensions, mm, inch			
	IC	TPI	NT	Ordering code	1125	1125	1125	1125	1125	HA	HB	PDX	PDY
16	3/8	18.0	3	266RG-16UN03A180M	★	★	★	★	★	1.05	0.18	3.45	2.12
										.0413	.0071	.136	.083
		16.0	2	266RG-16UN02A160M	★	★	★	★	★	1.19	0.20	2.40	1.52
										.0469	.0079	.094	.060
		14.0	2	266RG-16UN02A140M	★	★	★	★	★	1.35	0.23	2.70	1.77
										.0532	.0091	.106	.070
		12.0	2	266RG-16UN02A120M	★	★	★	★	★	1.58	0.28	3.10	1.91
										.0622	.0110	.122	.075

R = Right hand

C51 C59 C96 C113 H37 H28 H26

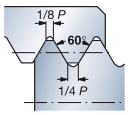
CoroThread® 266 insert for thread turning

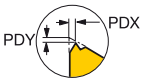
UN 60° Full form

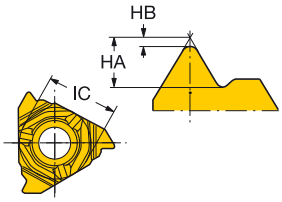
STDNO
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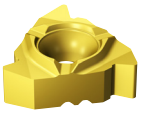
External left-hand threads

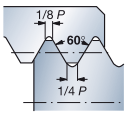
					P	M	K	N	S	Dimensions, mm, inch			
	IC	TPI	NT	Ordering code	1125	1125	1125	1125	1125	HA	HB	PDX	PDY
16	3/8	32.0	1	266LG-16UN01A320M	★	★	★	★	★	0.59	0.10	0.50	1.32
										.0232	.0039	.020	.052
		28.0	1	266LG-16UN01A280M	★	★	★	★	★	0.68	0.12	0.80	1.32
										.0268	.0047	.031	.052
		24.0	1	266LG-16UN01A240M	★	★	★	★	★	0.79	0.14	0.80	1.30
										.0311	.0055	.031	.051
		20.0	1	266LG-16UN01A200M	★	★	★	★	★	0.95	0.16	0.80	1.30
										.0374	.0063	.031	.051
		18.0	1	266LG-16UN01A180M	★	★	★	★	★	1.05	0.18	1.00	1.30
										.0413	.0071	.039	.051
		16.0	1	266LG-16UN01A160M	★	★	★	★	★	1.19	0.20	1.00	1.30
										.0469	.0079	.039	.051
		14.0	1	266LG-16UN01A140M	★	★	★	★	★	1.35	0.23	1.20	1.30
										.0532	.0091	.047	.051
		13.0	1	266LG-16UN01A130M	★	★	★	★	★	1.46	0.25	1.40	1.32
										.0575	.0098	.055	.052
		12.0	1	266LG-16UN01A120M	★	★	★	★	★	1.58	0.28	1.40	1.30
										.0622	.0110	.055	.051
		11.0	1	266LG-16UN01A110M	★	★	★	★	★	1.72	0.30	1.40	1.30
										.0677	.0118	.055	.051
		10.0	1	266LG-16UN01A100M	★	★	★	★	★	1.90	0.33	1.40	1.30
										.0748	.0130	.055	.051
		9.0	1	266LG-16UN01A090M	★	★	★	★	★	2.11	0.37	1.80	1.32
										.0831	.0146	.071	.052
		8.0	1	266LG-16UN01A080M	★	★	★	★	★	2.38	0.41	1.80	1.30
										.0937	.0161	.071	.051

L = Left hand

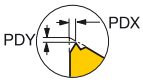
CoroThread® 266 insert for thread turning

UN 60° Full form

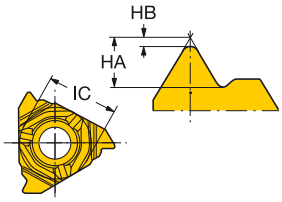




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Internal right-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1125	P 1135	M 1020	M 1125	M 1135	K 1020	K 1125	K 1135	N 1020	N 1125	N 1135	S 1020	S 1125	S 1135	HA	HB	PDX	PDY
3/8	32.0	1	266RL-16UN01A320M		★			★			★			★			★		0.50	0.05	0.90	1.30
																			.0198	.0018	.035	.051
	28.0	1	266RL-16UN01A280M		★			★			★			★			★		0.77	0.14	0.80	1.32
																			.0303	.0055	.031	.052
	24.0	1	266RL-16UN01A240M		★			★			★			★			★		0.67	0.06	1.30	1.35
																			.0263	.0024	.051	.053
	20.0	1	266RL-16UN01A200M		★	☆		☆	★		★	☆		★	☆		☆	★	0.80	0.07	0.80	1.30
																			.0315	.0028	.031	.051
	20.0	1	266RL-16UN01C200M			★			★			★			★			★	0.80	0.07	0.80	1.30
																			.0315	.0028	.031	.051
	18.0	1	266RL-16UN01A180M		★	☆		☆	★		★	☆		★	☆		☆	★	0.89	0.08	1.00	1.30
																			.0350	.0032	.039	.051
	18.0	1	266RL-16UN01C180M			★			★			★			★			★	0.89	0.08	1.00	1.30
																			.0350	.0032	.039	.051
	16.0	1	266RL-16UN01A160M		★	☆		☆	★		★	☆		★	☆		☆	★	1.00	0.09	1.00	1.30
																			.0394	.0035	.039	.051
	16.0	1	266RL-16UN01C160M			★			★			★			★			★	1.00	0.09	1.00	1.30
																			.0394	.0035	.039	.051
	16.0	1	266RL-16UN01F160E			★			★			★			★			★	1.00	0.09	1.00	1.30
																			.0394	.0035	.039	.051
	14.0	1	266RL-16UN01A140M		★	☆		☆	★		★	☆		★	☆		☆	★	1.13	0.11	1.20	1.30
																			.0445	.0043	.047	.051
	14.0	1	266RL-16UN01C140M			★			★			★			★			★	1.13	0.11	1.20	1.30
																			.0445	.0043	.047	.051
	12.0	1	266RL-16UN01A120M		★	☆		☆	★		★	☆		★	☆		☆	★	1.33	0.13	1.40	1.30
																			.0524	.0051	.055	.051
	12.0	1	266RL-16UN01C120M			★			★			★			★			★	1.33	0.13	1.40	1.30
																			.0524	.0051	.055	.051
	12.0	1	266RL-16UN01F120E			★			★			★			★			★	1.33	0.13	1.40	1.30
																			.0524	.0051	.055	.051
	11.0	1	266RL-16UN01A110M		★	☆		☆	★		★	☆		★	☆		☆	★	1.45	0.14	1.40	1.30
																			.0571	.0055	.055	.051
	10.0	1	266RL-16UN01A100M		★	☆		☆	★		★	☆		★	☆		☆	★	1.59	0.16	1.40	1.30
																			.0626	.0063	.055	.051
	9.0	1	266RL-16UN01A090M		★			★			★			★			★		1.77	0.18	1.80	1.30
																			.0697	.0071	.071	.051
	8.0	1	266RL-16UN01A080M		★	☆		☆	★		★	☆		★	☆		☆	★	2.00	0.20	1.80	1.30
																			.0787	.0079	.071	.051
	8.0	1	266RL-16UN01C080M			★			★			★			★			★	2.00	0.20	1.80	1.30
																			.0787	.0079	.071	.051
1/2	7.0	1	266RL-22UN01A070M	★			★			★			★			★			2.31	0.26	2.50	1.64
																			.0909	.0102	.098	.065
	6.0	1	266RL-22UN01A060M	★			★			★			★			★			2.70	0.32	2.50	1.64
																			.1063	.0126	.098	.065
	5.0	1	266RL-22UN01A050M	★			★			★			★			★			3.25	0.38	2.50	1.35
																			.1280	.0150	.098	.053
	4.5	1	266RL-22UN01A045M	★			★			★			★			★			3.62	0.41	2.50	1.06
																			.1425	.0161	.098	.042
	4.0	1	266RL-22UN01A040M	★			★			★			★			★			4.08	0.49	2.60	0.96
																			.1606	.0193	.102	.038

R = Right hand

C51 C59 C96 C113 H37 H28 H26

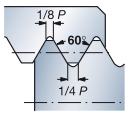
CoroThread® 266 insert for thread turning

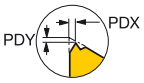
UN 60° Full form

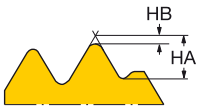
STDNO
TCTR

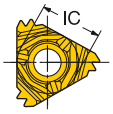
ISO 5864-1978
2B











Internal right-hand threads – multipoint insert

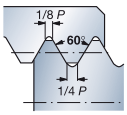
					P	M	K	N	S	Dimensions, mm, inch			
	IC	TPI	NT	Ordering code	1125	1125	1125	1125	1125	HA	HB	PDX	PDY
16	3/8	16.0	2	266RL-16UN02A160M	★	★	★	★	★	1.00	0.09	0.80	1.30
										.0394	.0037	.031	.051
		12.0	2	266RL-16UN02A120M	★	★	★	★	★	1.33	0.13	2.95	1.88
										.0524	.0051	.116	.074

R = Right hand

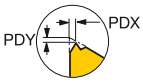
CoroThread® 266 insert for thread turning

UN 60° Full form

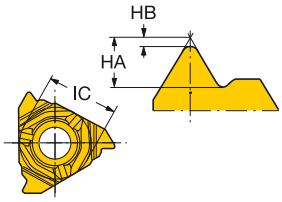




STDNO
TCTR



ISO 5864-1978
2B



Internal left-hand threads

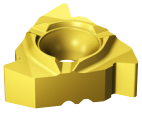
IC	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch HA	HB	PDX	PDY
3/8	20.0	1	266LL-16UN01A200M	★	★	★	★	★	0.80	0.07	0.80	1.30
									.0315	.0028	.031	.051
	18.0	1	266LL-16UN01A180M	★	★	★	★	★	0.89	0.08	1.00	1.30
									.0350	.0032	.039	.051
	16.0	1	266LL-16UN01A160M	★	★	★	★	★	1.00	0.09	1.00	1.30
									.0394	.0035	.039	.051
	14.0	1	266LL-16UN01A140M	★	★	★	★	★	1.13	0.11	1.20	1.30
									.0445	.0043	.047	.051
	12.0	1	266LL-16UN01A120M	★	★	★	★	★	1.33	0.13	1.40	1.30
									.0524	.0051	.055	.051
	11.0	1	266LL-16UN01A110M	★	★	★	★	★	1.45	0.14	1.40	1.30
									.0571	.0055	.055	.051
	10.0	1	266LL-16UN01A100M	★	★	★	★	★	1.59	0.16	1.40	1.30
									.0626	.0063	.055	.051
	9.0	1	266LL-16UN01A090M	★	★	★	★	★	1.77	0.18	1.80	1.30
									.0697	.0071	.071	.051
	8.0	1	266LL-16UN01A080M	★	★	★	★	★	2.00	0.20	1.80	1.30
									.0787	.0079	.071	.051

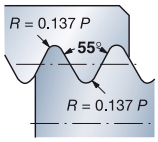
L = Left hand

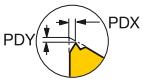
CoroThread® 266 insert for thread turning

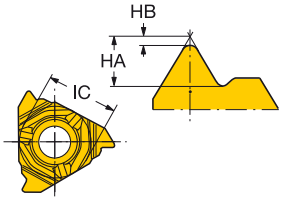
Whitworth 55° (BSW, BSF, BSP) Topping

STDNO	ISO 228-1982
STDNO	BS-2779-1973
STDNO	BS-84-1957
TCTR	A









External right-hand threads

					P			M			K			N			S			Dimensions, mm, inch			
	IC	TPI	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
16	3/8	28.0	1	266RG-16WH01A280M		★	☆		☆	★		★	☆		★	☆		☆	★	0.72	0.13	0.80	1.32
																				.0283	.0051	.031	.052
		26.0	1	266RG-16WH01A260M		★			★			★			★			★		0.77	0.14	2.30	1.51
																				.0304	.0054	.091	.059
		20.0	1	266RG-16WH01A200M		★			★			★			★			★		1.01	0.18	0.80	1.32
																				.0398	.0071	.031	.052
		19.0	1	266RG-16WH01A190M		★	☆		☆	★		★	☆		★	☆		☆	★	1.06	0.19	0.80	1.32
																				.0417	.0075	.031	.052
		19.0	1	266RG-16WH01C190M		★			★			★			★			★		1.06	0.19	0.80	1.33
																				.0417	.0075	.031	.052
		19.0	1	266RG-16WH01F190E			★			★			★			★			★	1.06	0.19	0.80	1.32
																				.0417	.0075	.031	.052
		18.0	1	266RG-16WH01A180M		★			★			★			★			★		1.12	0.20	1.00	1.32
																				.0441	.0079	.039	.052
		16.0	1	266RG-16WH01A160M		★			★			★			★			★		1.26	0.23	1.00	1.32
																				.0496	.0091	.039	.052
		14.0	1	266RG-16WH01A140M		★	☆		☆	★		★	☆		★	☆		☆	★	1.44	0.26	1.20	1.32
																				.0567	.0102	.047	.052
		14.0	1	266RG-16WH01C140M		★			★			★			★			★		1.44	0.26	1.20	1.33
																				.0567	.0102	.047	.052
		14.0	1	266RG-16WH01F140E			★			★			★			★			★	1.44	0.26	1.20	1.32
																				.0567	.0102	.047	.052
		12.0	1	266RG-16WH01A120M		★			★			★			★			★		1.68	0.31	1.40	1.32
																				.0661	.0122	.055	.052
		11.0	1	266RG-16WH01A110M		★	☆		☆	★		★	☆		★	☆		☆	★	1.83	0.34	1.40	1.32
																				.0720	.0134	.055	.052
		11.0	1	266RG-16WH01C110M		★			★			★			★			★		1.83	0.34	1.40	1.33
																				.0720	.0134	.055	.052
		11.0	1	266RG-16WH01F110E			★			★			★			★			★	1.83	0.34	1.40	1.32
																				.0720	.0134	.055	.052
		10.0	1	266RG-16WH01A100M		★			★			★			★			★		2.02	0.37	1.40	1.32
																				.0795	.0146	.055	.052
		9.0	1	266RG-16WH01A090M		★			★			★			★			★		2.24	0.42	1.80	1.32
																				.0882	.0165	.071	.052
		8.0	1	266RG-16WH01A080M		★	☆		☆	★		★	☆		★	☆		☆	★	2.52	0.47	1.80	1.32
																				.0992	.0185	.071	.052
22	1/2	7.0	1	266RG-22WH01A070M	★			★			★			★			★			2.88	0.54	2.50	1.67
																				.1134	.0213	.098	.066
		6.0	1	266RG-22WH01A060M	★			★			★			★			★			3.37	0.64	2.50	1.67
																				.1327	.0252	.098	.066
		5.0	1	266RG-22WH01A050M	★			★			★			★			★			4.04	0.77	2.50	1.38
																				.1591	.0303	.098	.054
		4.5	1	266RG-22WH01A045M	★			★			★			★			★			4.49	0.85	2.65	0.98
																				.1768	.0335	.104	.039
		4.0	1	266RG-22WH01A040M	★			★			★			★			★			5.06	0.96	2.75	0.59
																				.1992	.0378	.108	.023

R = Right hand

C51 C59 C96 C113 H37 H28 H26

SANDVIK Coromant

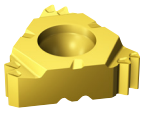
CoroThread® 266 insert for thread turning

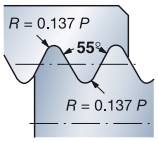
Whitworth 55° (BSW, BSF, BSP) Topping

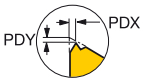
STDNO
STDNO
STDNO
TCTR

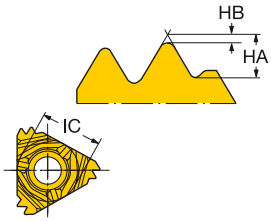
ISO 228-1982
BS-2779-1973
BS-84-1957
A

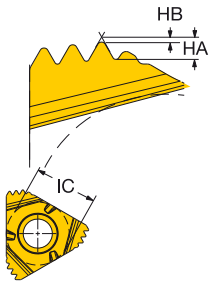
ISO 228-1982
BS-2779-1973
BS-84-1957
A











External right-hand threads – multipoint insert

					P		M		K		N		S		Dimensions, mm, inch			
	IC	TPI	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY
16	3/8	19.0	3	266RG-16WH03A190M		★		★		★		★		★	1.06	0.19	3.30	2.02
															.0417	.0075	.130	.079
		14.0	2	266RG-16WH02A140M		★		★		★		★		★	1.44	0.26	2.70	1.73
															.0567	.0102	.106	.068
22	1/2	11.0	2	266RG-22WH02A110E	★		★		★		★		★		1.83	0.34	3.40	1.87
															.0720	.0134	.134	.074

R = Right hand

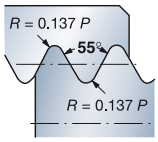
C51 C59 C96 C113 H37 H28 H26

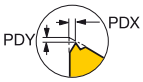
CoroThread® 266 insert for thread turning

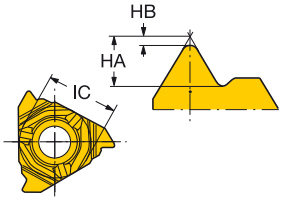
Whitworth 55° (BSW, BSF, BSP) Topping

STDNO	ISO 228-1982
STDNO	BS-2779-1973
STDNO	BS-84-1957
TCTR	A









External left-hand threads

IC	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	HA	HB	PDX	PDY
3/8	19.0	1	266LG-16WH01A190M	★	★	★	★	★	1.06	0.19	0.80	1.32
									.0417	.0075	.031	.052
	14.0	1	266LG-16WH01A140M	★	★	★	★	★	1.44	0.26	1.20	1.32
									.0567	.0102	.047	.052
	11.0	1	266LG-16WH01A110M	★	★	★	★	★	1.83	0.34	1.40	1.32
									.0720	.0134	.055	.052

Dimensions, mm, inch

L = Left hand

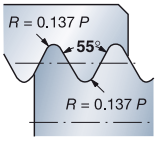
C51 C59 C96 C113 H37 H28 H26

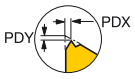
CoroThread® 266 insert for thread turning

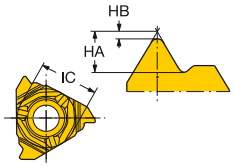
Whitworth 55° (BSW, BSF, BSP) Topping

STDNO ISO 228-1982
STDNO BS-2779-1973
STDNO BS-84-1957
TCTR A









Internal right-hand threads

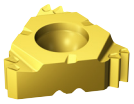
IC	TPI	NT	Ordering code	P 1020	P 1125	P 1135	M 1020	M 1125	M 1135	K 1020	K 1125	K 1135	N 1020	N 1125	N 1135	S 1020	S 1125	S 1135	HA	HB	PDX	PDY
3/8	26.0	1	266RL-16WH01A260M		★			★			★			★			★		0.78	0.14	0.80	1.30
																			.0306	.0053	.031	.051
	20.0	1	266RL-16WH01A200M		★			★			★			★			★		0.99	0.17	0.80	1.30
																			.0390	.0067	.031	.051
	19.0	1	266RL-16WH01A190M		★	☆		☆	★		★	☆		★	☆		☆	★	1.05	0.18	0.80	1.30
																			.0413	.0071	.031	.051
	18.0	1	266RL-16WH01A180M		★			★			★			★			★		1.97	1.00	1.00	1.30
																			.0776	.0394	.039	.051
	16.0	1	266RL-16WH01A160M		★			★			★			★			★		1.25	0.22	1.00	1.30
																			.0492	.0087	.039	.051
	14.0	1	266RL-16WH01A140M		★	☆		☆	★		★	☆		★	☆		☆	★	1.43	0.25	1.20	1.30
																			.0563	.0098	.047	.051
	14.0	1	266RL-16WH01C140M			★			★			★			★			★	1.43	0.25	1.20	1.30
																			.0563	.0098	.047	.051
	14.0	1	266RL-16WH01F140E			★			★			★			★			★	1.43	0.25	1.20	1.30
																			.0563	.0098	.047	.051
	12.0	1	266RL-16WH01A120M		★			★			★			★			★		1.67	0.30	1.40	1.30
																			.0657	.0118	.055	.051
	11.0	1	266RL-16WH01A110M		★	☆		☆	★		★	☆		★	☆		☆	★	1.83	0.33	1.40	1.30
																			.0720	.0130	.055	.051
	11.0	1	266RL-16WH01C110M			★			★			★			★			★	1.83	0.33	1.40	1.30
																			.0720	.0130	.055	.051
	11.0	1	266RL-16WH01F110E			★			★			★			★			★	1.83	0.33	1.40	1.30
																			.0720	.0130	.055	.051
	10.0	1	266RL-16WH01A100M		★			★			★			★			★		2.02	0.37	1.40	1.30
																			.0795	.0146	.055	.051
	9.0	1	266RL-16WH01A090M		★			★			★			★			★		2.24	0.41	1.80	1.30
																			.0882	.0161	.071	.051
	8.0	1	266RL-16WH01A080M		★	☆		☆	★		★	☆		★	☆		☆	★	2.53	0.47	1.80	1.30
																			.0996	.0185	.071	.051
1/2	7.0	1	266RL-22WH01A070M	★			★			★			★			★			2.88	0.53	2.50	1.64
																			.1134	.0209	.098	.065
	6.0	1	266RL-22WH01A060M	★			★			★			★			★			3.36	0.62	2.50	1.64
																			.1323	.0244	.098	.065
	5.0	1	266RL-22WH01A050M	★			★			★			★			★			4.03	0.76	2.50	1.35
																			.1587	.0299	.098	.053
	4.5	1	266RL-22WH01A045M	★			★			★			★			★			4.48	0.85	2.65	0.96
																			.1764	.0335	.104	.038
	4.0	1	266RL-22WH01A040M	★			★			★			★			★			5.04	0.96	2.75	0.67
																			.1984	.0378	.108	.026

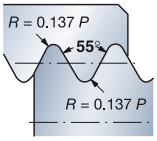
R = Right hand

C51 C59 C96 C113 H37 H28 H26

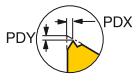
CoroThread® 266 insert for thread turning

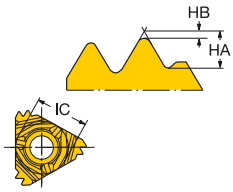
Whitworth 55° (BSW, BSF, BSP) Topping





STDNO ISO 228-1982
STDNO BS-2779-1973
STDNO BS-84-1957
TCTR A



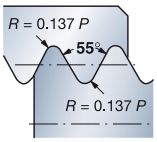


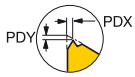
Internal right-hand threads – multipoint insert

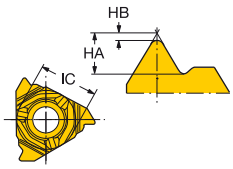
IC	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	HA	HB	PDX	PDY
16	3/8	14.0	2	266RL-16WH02A140M		★		★		★		★		★	1.43	0.25	2.70	1.69
															.0563	.0098	.106	.066
22	1/2	11.0	2	266RL-22WH02A110E	★		★		★		★		★		1.83	0.33	3.40	1.83
															.0720	.0130	.134	.072

STDNO ISO 228-1982
STDNO BS-2779-1973
STDNO BS-84-1957
TCTR A









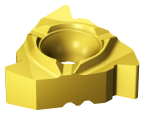
Internal left-hand threads

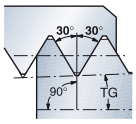
IC	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	HA	HB	PDX	PDY
16	3/8	14.0	1	266LL-16WH01A140M	★	★	★	★	★	1.43	0.25	1.20	1.30
										.0563	.0098	.047	.051
		11.0	1	266LL-16WH01A110M	★	★	★	★	★	1.83	0.33	1.40	1.30
										.0720	.0130	.055	.051

R = Right hand, L = Left hand

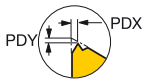
CoroThread® 266 insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

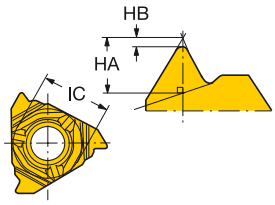




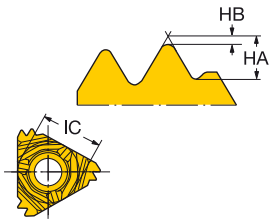
STDNO



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External right-hand threads

IC	TPI	NT	Ordering code	P 1125	P 1135	M 1125	M 1135	K 1125	K 1135	N 1125	N 1135	S 1125	S 1135	HA	HB	PDX	PDY	TG
3/8	27.0	1	266RG-16NT01A270M	★	☆	☆	★	★	☆	★	☆	☆	★	0.76	0.05	0.80	1.03	0.03
														.0299	.0020	.031	.041	
	18.0	1	266RG-16NT01A180M	★	☆	☆	★	★	☆	★	☆	☆	★	1.14	0.08	1.00	1.03	0.03
														.0449	.0032	.039	.041	
	14.0	1	266RG-16NT01A140M	★	☆	☆	★	★	☆	★	☆	☆	★	1.46	0.09	1.20	1.03	0.03
														.0575	.0035	.047	.041	
	14.0	1	266RG-16NT01C140M	★		★		★		★		★		1.46	0.09	1.20	1.03	0.03
														.0575	.0035	.047	.041	
	14.0	1	266RG-16NT01F140E		★		★		★		★		★	1.46	0.09	1.20	1.03	0.03
														.0575	.0035	.047	.041	
	11.5	1	266RG-16NT01A115M	★	☆	☆	★	★	☆	★	☆	☆	★	1.79	0.11	1.40	1.03	0.03
														.0705	.0043	.055	.041	
	11.5	1	266RG-16NT01C115M	★		★		★		★		★		1.79	0.11	1.40	1.03	0.03
														.0705	.0043	.055	.041	
	11.5	1	266RG-16NT01F115E		★		★		★		★		★	1.79	0.11	1.40	1.03	0.03
														.0705	.0043	.055	.041	
	8.0	1	266RG-16NT01A080M	★	☆	☆	★	★	☆	★	☆	☆	★	2.57	0.14	1.60	1.03	0.03
														.1012	.0055	.063	.041	
	8.0	1	266RG-16NT01C080M	★		★		★		★		★		2.57	0.14	1.60	1.03	0.03
														.1012	.0055	.063	.041	

External right-hand threads – multipoint insert

IC	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	HA	HB	PDX	PDY	TG
1/2	11.5	2	266RG-22NT02A115E	★	★	★	★	★	1.79	0.11	3.40	1.67	0.03
									.0705	.0043	.134	.066	

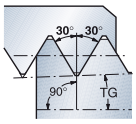
R = Right hand

C51 C59 C96 C113 H37 H28 H26

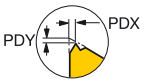
CoroThread® 266 insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

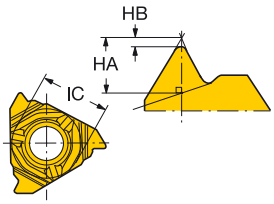




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External left-hand threads

					P	M	K	N	S	Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1125	1125	1125	1125	1125	HA	HB	PDX	PDY	TG
16	3/8	27.0	1	266LG-16NT01A270M	★	★	★	★	★	0.76	0.05	0.80	1.03	0.03
										.0299	.0020	.031	.041	
		18.0	1	266LG-16NT01A180M	★	★	★	★	★	1.14	0.08	1.00	1.03	0.03
										.0449	.0032	.039	.041	
		14.0	1	266LG-16NT01A140M	★	★	★	★	★	1.46	0.09	1.20	1.03	0.03
										.0575	.0035	.047	.041	
		11.5	1	266LG-16NT01A115M	★	★	★	★	★	1.79	0.11	1.40	1.03	0.03
										.0705	.0043	.055	.041	
		8.0	1	266LG-16NT01A080M	★	★	★	★	★	2.57	0.14	1.60	1.03	0.03
										.1012	.0055	.063	.041	

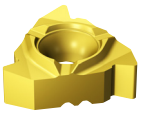
L = Left hand

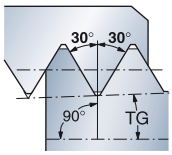
C51 C59 C96 C113 H37 H28 H26

SANDVIK Coromant

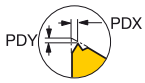
CoroThread® 266 insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

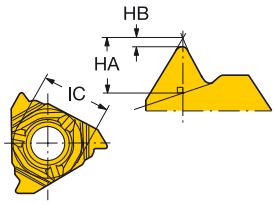




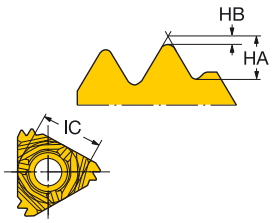
STDNO



ANSI B.1.20.1-1983



ANSI B.1.20.1-1983



Internal right-hand threads

					P		M		K		N		S		Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1125	1135	1125	1135	1125	1135	1125	1135	1125	1135	HA	HB	PDX	PDY	TG
16	3/8	14.0	1	266RL-16NT01A140M	★	☆	☆	★	★	☆	★	☆	☆	★	1.46	0.09	1.20	1.01	0.03
															.0575	.0035	.047	.040	
		14.0	1	266RL-16NT01C140M		★		★		★		★		★	1.46	0.09	1.20	1.01	0.03
															.0575	.0035	.047	.040	
		14.0	1	266RL-16NT01F140E		★		★		★		★		★	1.46	0.09	1.20	1.01	0.03
															.0575	.0035	.047	.040	
		11.5	1	266RL-16NT01A115M	★	☆	☆	★	★	☆	★	☆	☆	★	1.78	0.11	1.40	1.01	0.03
															.0701	.0043	.055	.040	
		11.5	1	266RL-16NT01C115M		★		★		★		★		★	1.78	0.11	1.40	1.01	0.03
															.0701	.0043	.055	.040	
		11.5	1	266RL-16NT01F115E		★		★		★		★		★	1.78	0.11	1.40	1.01	0.03
															.0701	.0043	.055	.040	
		8.0	1	266RL-16NT01A080M	★	☆	☆	★	★	☆	★	☆	☆	★	2.57	0.14	1.60	1.01	0.03
															.1012	.0055	.063	.040	
		8.0	1	266RL-16NT01C080M		★		★		★		★		★	2.57	0.14	1.60	1.01	0.03
															.1012	.0055	.063	.040	

Internal right-hand threads – multipoint insert

					P	M	K	N	S	Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1020	1020	1020	1020	1020	HA	HB	PDX	PDY	TG
22	1/2	11.5	2	266RL-22NT02A115E	★	★	★	★	★	1.79	0.11	3.40	1.64	0.03
										.0705	.0043	.134	.065	

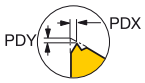
R = Right hand

CoroThread® 266 insert for thread turning

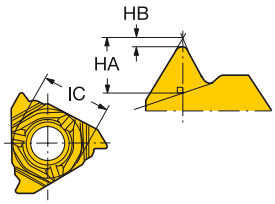
NPT 60° (NPSC, NPTR, LINE PIPE) Full form



STDNO



ANSI B.1.20.1-1983



Internal left-hand threads

IC	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch HA	HB	PDX	PDY	TG
16	3/8	14.0	1	266LL-16NT01A140M	★	★	★	★	★	1.46	0.09	1.20	1.01	0.03
										.0575	.0035	.047	.040	
		11.5	1	266LL-16NT01A115M	★	★	★	★	★	1.79	0.11	1.40	1.01	0.03
										.0705	.0043	.055	.040	
		8.0	1	266LL-16NT01A080M	★	★	★	★	★	2.57	0.14	1.60	1.01	0.03
										.1012	.0055	.063	.040	

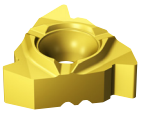
L = Left hand

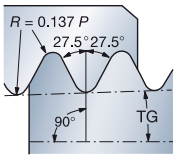
CoroThread® 266 insert for thread turning

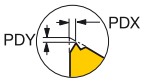
BSPT 55° Topping

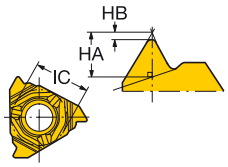
STDNO
STDNO

ISO 7/1
BS21:1985









External right-hand threads

IC	TPI	NT	Ordering code	P 1125	P 1135	M 1125	M 1135	K 1125	K 1135	N 1125	N 1135	S 1125	S 1135	Dimensions, mm, inch HA	HB	PDX	PDY	TG
16 3/8	28.0	1	266RG-16PT01A280E	★	☆	☆	★	★	☆	★	☆	☆	★	0.70	0.13	0.80	1.32	0.03
														.0276	.0051	.031	.052	
	19.0	1	266RG-16PT01A190E	★	☆	☆	★	★	☆	★	☆	☆	★	1.04	0.19	0.80	1.32	0.03
														.0409	.0075	.031	.052	
	14.0	1	266RG-16PT01A140E	★	☆	☆	★	★	☆	★	☆	☆	★	1.41	0.26	1.20	1.32	0.03
														.0555	.0102	.047	.052	
	11.0	1	266RG-16PT01A110E	★	☆	☆	★	★	☆	★	☆	☆	★	1.80	0.34	1.40	1.32	0.03
														.0709	.0134	.055	.052	
	8.0	1	266RG-16PT01A080E	★		★		★		★		★		2.47	0.47	1.80	1.32	0.03
														.0972	.0185	.071	.052	

External left-hand threads

IC	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch HA	HB	PDX	PDY	TG
16 3/8	19.0	1	266LG-16PT01A190E	★	★	★	★	★	1.04	0.19	0.80	1.32	0.03
									.0409	.0075	.031	.052	
	14.0	1	266LG-16PT01A140E	★	★	★	★	★	1.41	0.26	1.20	1.32	0.03
									.0555	.0102	.047	.052	
	11.0	1	266LG-16PT01A110E	★	★	★	★	★	1.80	0.34	1.40	1.32	0.03
									.0709	.0134	.055	.052	

R = Right hand, L = Left hand

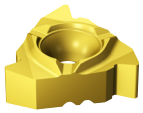
C51 C59 C96 C113 H37 H28 H26

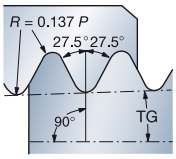
CoroThread® 266 insert for thread turning

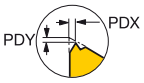
BSPT 55° Topping

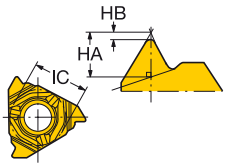
STDNO
STDNO

ISO 7/1
BS21:1985









Internal right-hand threads

					P		M		K		N		S		Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1125	1135	1125	1135	1125	1135	1125	1135	1125	1135	HA	HB	PDX	PDY	TG
16	3/8	28.0	1	266RL-16PT01A280E	★		★		★		★		★		0.71	0.12	0.80	1.30	0.03
															.0280	.0047	.031	.051	
		19.0	1	266RL-16PT01A190E	★		★		★		★		★		1.03	0.18	0.80	1.30	0.03
															.0406	.0071	.031	.051	
		14.0	1	266RL-16PT01A140E	★	☆	☆	★	★	☆	★	☆	☆	★	1.40	0.25	1.20	1.30	0.03
															.0551	.0098	.047	.051	
		11.0	1	266RL-16PT01A110E	★	☆	☆	★	★	☆	★	☆	☆	★	1.80	0.33	1.40	1.30	0.03
															.0709	.0130	.055	.051	
		8.0	1	266RL-16PT01A080E	★		★		★		★		★		2.48	0.47	1.80	1.30	0.03
															.0976	.0185	.071	.051	

Internal left-hand threads

					P	M	K	N	S	Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1125	1125	1125	1125	1125	HA	HB	PDX	PDY	TG
16	3/8	19.0	1	266LL-16PT01A190E	★	★	★	★	★	1.03	0.18	0.80	1.30	0.03
										.0406	.0071	.031	.051	
		14.0	1	266LL-16PT01A140E	★	★	★	★	★	1.40	0.25	1.20	1.30	0.03
										.0551	.0098	.047	.051	
		11.0	1	266LL-16PT01A110E	★	★	★	★	★	1.80	0.33	1.40	1.30	0.03
										.0709	.0130	.055	.051	

R = Right hand, L = Left hand

C51 C59 C96 C113 H37 H28 H26

SANDVIK Coromant

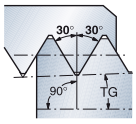
CoroThread® 266 insert for thread turning

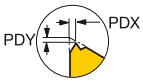
NPTF 60° Topping

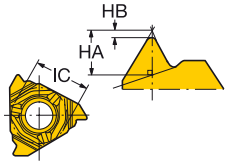
STDNO
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ANSI B1.20.3-1976
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External right-hand threads

IC	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch HA	HB	PDX	PDY	TG
3/8	27.0	1	266RG-16NF01A270E	★	★	★	★	★	0.75	0.11	0.80	1.03	0.03
									.0295	.0043	.031	.041	
	18.0	1	266RG-16NF01A180E	★	★	★	★	★	1.14	0.13	1.00	1.03	0.03
									.0449	.0051	.039	.041	
	14.0	1	266RG-16NF01A140E	★	★	★	★	★	1.49	0.13	1.20	1.03	0.03
									.0587	.0051	.047	.041	
	11.5	1	266RG-16NF01A115E	★	★	★	★	★	1.81	0.17	1.40	1.03	0.03
									.0713	.0067	.055	.041	
	8.0	1	266RG-16NF01A080E	★	★	★	★	★	2.60	0.21	1.60	1.03	0.03
									.1024	.0083	.063	.041	

Internal right-hand threads

IC	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch HA	HB	PDX	PDY	TG
3/8	14.0	1	266RL-16NF01A140E	★	★	★	★	★	1.49	0.13	1.20	1.01	0.03
									.0587	.0051	.047	.040	
	11.5	1	266RL-16NF01A115E	★	★	★	★	★	1.81	0.17	1.40	1.01	0.03
									.0713	.0067	.055	.040	
	8.0	1	266RL-16NF01A080E	★	★	★	★	★	2.60	0.21	1.60	1.01	0.03
									.1024	.0083	.063	.040	

R = Right hand

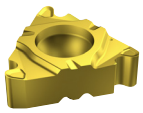
C51 C59 C96 C113 H37 H28 H26

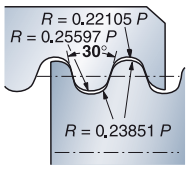
CoroThread® 266 insert for thread turning

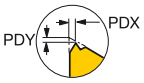
Round 30° Topping

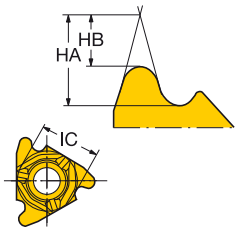
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External right-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1125	P 1135	M 1020	M 1125	M 1135	K 1020	K 1125	K 1135	N 1020	N 1125	N 1135	S 1020	S 1125	S 1135	HA	HB	PDX	PDY
3/8	10.0	1	266RG-16RN01A100M		★			★			★			★			★		2.97	1.72	0.85	1.33
																			.1169	.0677	.033	.052
	8.0	1	266RG-16RN01A080M		★			★			★			★			★		3.72	2.14	1.05	1.38
																			.1465	.0843	.041	.054
	8.0	1	266RG-16RN01F080E			★			★			★			★			★	3.72	2.14	1.05	1.37
																			.1465	.0843	.041	.054
	6.0	1	266RG-16RN01A060M		★			★			★			★			★		4.98	2.86	1.50	1.43
																			.1961	.1126	.059	.056
	6.0	1	266RG-16RN01F060E			★			★			★			★			★	4.98	2.86	1.50	1.43
																			.1961	.1126	.059	.056
1/2	4.0	1	266RG-22RN01A040M	★			★			★			★			★			7.45	4.30	2.60	1.38
																			.2933	.1693	.102	.054
	4.0	1	266RG-22RN01F040E	★			★			★			★			★			7.45	4.30	2.60	1.38
																			.2933	.1693	.102	.054

External left-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	HA	HB	PDX	PDY
3/8	10.0	1	266LG-16RN01A100M		★		★		★		★		★	2.97	1.72	0.85	1.32
														.1169	.0677	.033	.052
	8.0	1	266LG-16RN01A080M		★		★		★		★		★	3.72	2.14	1.05	1.32
														.1465	.0843	.041	.052
	6.0	1	266LG-16RN01A060M		★		★		★		★		★	4.98	2.86	1.50	1.43
														.1961	.1126	.059	.056
1/2	4.0	1	266LG-22RN01A040M	★		★		★		★		★		7.45	4.30	2.60	1.38
														.2933	.1693	.102	.054

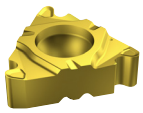
R = Right hand, L = Left hand

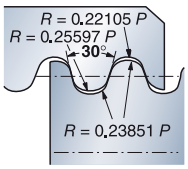
C51 C59 C96 C113 H37 H28 H26

SANDVIK Coromant

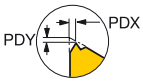
CoroThread® 266 insert for thread turning

Round 30° Topping

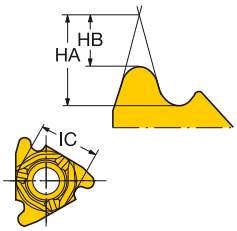




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Internal right-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1125	P 1135	M 1020	M 1125	M 1135	K 1020	K 1125	K 1135	N 1020	N 1125	N 1135	S 1020	S 1125	S 1135	HA	HB	PDX	PDY
16	10.0	1	266RL-16RN01A100M		★			★			★			★			★		2.87	1.58	0.85	1.30
3/8																			.1130	.0622	.033	.051
	8.0	1	266RL-16RN01A080M		★			★			★			★			★		3.56	1.97	1.05	1.30
																			.1402	.0776	.041	.051
	6.0	1	266RL-16RN01A060M		★			★			★			★			★		4.79	2.66	1.35	1.50
																			.1886	.1047	.053	.059
	6.0	1	266RL-16RN01F060E			★			★			★			★			★	4.79	2.66	1.35	1.45
																			.1886	.1047	.053	.057
22	4.0	1	266RL-22RN01A040M	★			★			★			★			★			7.17	3.98	2.60	1.35
1/2																			.2823	.1567	.102	.053
	4.0	1	266RL-22RN01F040E	★			★			★			★			★			7.17	3.98	2.60	1.35
																			.2823	.1567	.102	.053

Internal left-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	HA	HB	PDX	PDY
16	10.0	1	266LL-16RN01A100M		★	★			★		★		★	2.87	1.58	0.85	1.30
3/8														.1130	.0622	.033	.051
	8.0	1	266LL-16RN01A080M		★	★			★		★		★	3.59	2.00	1.05	1.30
														.1413	.0787	.041	.051
	6.0	1	266LL-16RN01A060M		★	★			★		★		★	4.79	2.66	1.35	1.45
														.1886	.1047	.053	.057
22	4.0	1	266LL-22RN01A040M	★		★		★		★		★		7.17	3.98	2.60	1.35
1/2														.2823	.1567	.102	.053

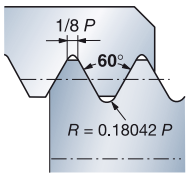
R = Right hand, L = Left hand

C51 C59 C96 C113 H37 H28 H26

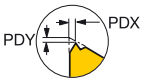
CoroThread® 266 insert for thread turning

MJ 60° Topping

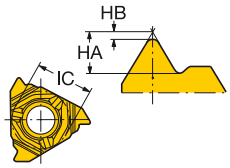




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External right-hand threads

IC	TP	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch HA	HB	PDX	PDY
16 3/8	1.50	1	266RG-16MJ01A150E	★	★	★	★	★	1.12	0.25	1.00	1.32
	.059								.0441	.0098	.039	.052
	2.00	1	266RG-16MJ01A200E	★	★	★	★	★	1.50	0.34	1.40	1.32
	.079								.0591	.0134	.055	.052

External left-hand threads

IC	TP	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch HA	HB	PDX	PDY
16 3/8	1.50	1	266LG-16MJ01A150E	★	★	★	★	★	1.12	0.25	1.00	1.32
	.059								.0441	.0098	.039	.052
	2.00	1	266LG-16MJ01A200E	★	★	★	★	★	1.50	0.34	1.40	1.32
	.079								.0591	.0134	.055	.052

R = Right hand, L = Left hand

Internal threads

Note: To turn an internal MJ thread, use a CoroTurn 107 boring bar and insert to turn correct internal diameter and then produce the thread with a corresponding ISO metric 60° (MM) insert.

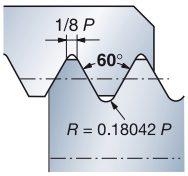
CoroThread® 266 insert for thread turning

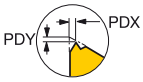
UNJ 60° Full form

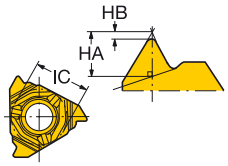
STDNO
STDNO
TCTR

ISO 3161-1977
BS 4084-1977
3A









External right-hand threads

IC	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch HA	HB	PDX	PDY
3/8	32.0	1	266RG-16NJ01A320E	★	★	★	★	★	0.59	0.13	0.50	1.32
									.0232	.0051	.020	.052
	28.0	1	266RG-16NJ01A280E	★	★	★	★	★	0.67	0.15	0.80	1.32
									.0264	.0059	.031	.052
	24.0	1	266RG-16NJ01A240E	★	★	★	★	★	0.79	0.18	0.80	1.32
									.0311	.0071	.031	.052
	20.0	1	266RG-16NJ01A200E	★	★	★	★	★	0.94	0.21	1.00	1.32
									.0370	.0083	.039	.052
	18.0	1	266RG-16NJ01A180E	★	★	★	★	★	1.05	0.23	1.00	1.32
									.0413	.0091	.039	.052
	16.0	1	266RG-16NJ01A160E	★	★	★	★	★	1.18	0.26	1.00	1.32
									.0465	.0102	.039	.052
	14.0	1	266RG-16NJ01A140E	★	★	★	★	★	1.35	0.30	1.20	1.32
									.0532	.0118	.047	.052
	12.0	1	266RG-16NJ01A120E	★	★	★	★	★	1.58	0.36	1.40	1.32
									.0622	.0142	.055	.052
	10.0	1	266RG-16NJ01A100E	★	★	★	★	★	1.89	0.42	1.40	1.32
									.0744	.0165	.055	.052
	8.0	1	266RG-16NJ01A080E	★	★	★	★	★	2.38	0.53	1.80	1.32
									.0937	.0209	.071	.052

R = Right hand

Internal threads

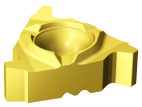
Note: To turn an internal UNJ thread, use a CoroTurn 107 boring bar and insert to turn correct internal diameter and then produce the thread with a corresponding UN 60° insert.

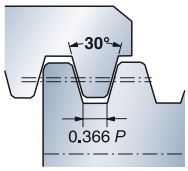
C51 C59 C96 C113 H37 H28 H26

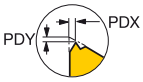
CoroThread® 266 insert for thread turning

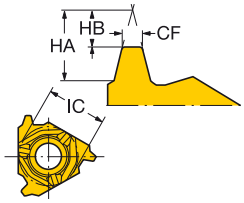
ISO Trapezoidal 30° Chamfered crest form

STDNO ISO 2901-2904
STDNO DIN 103-1977
TCTR 7









External right-hand threads

IC	TP	NT	Ordering code	P 1020	P 1135	M 1020	M 1135	K 1020	K 1135	N 1020	N 1135	S 1020	S 1135	Dimensions, mm, inch CF	HA	HB	PDX	PDY
3/8	1.50	1	266RG-16TR01F150E		★		★		★		★		★	0.5	1.85	0.88	1.00	1.32
	.059													.019	.0728	.0346	.039	.052
	2.00	1	266RG-16TR01F200E		★		★		★		★		★	0.6	2.44	1.13	1.10	1.32
	.079													.024	.0961	.0445	.043	.052
	3.00	1	266RG-16TR01F300E		★		★		★		★		★	1.0	3.63	1.82	1.60	1.23
	.118													.039	.1429	.0717	.063	.048
1/2	4.00	1	266RG-22TR01F400E	★		★		★		★		★		1.3	4.82	2.50	1.90	1.38
	.157													.053	.1898	.0984	.075	.054
	5.00	1	266RG-22TR01F500E	★		★		★		★		★		1.7	6.01	3.18	2.10	1.38
	.197													.067	.2366	.1252	.083	.054
	6.00	1	266RG-22TR01F600E	★		★		★		★		★		1.9	7.20	3.62	2.40	0.79
	.236													.076	.2835	.1425	.094	.031
	7.00	1	266RG-22TR01F700E	★		★		★		★		★		2.3	8.38	4.31	2.40	0.79
	.276													.091	.3299	.1697	.094	.031
5/8	8.00	1	266RG-27TR01F800E	★		★		★		★		★		2.7	9.57	5.00	3.30	0.54
	.315													.106	.3768	.1969	.130	.021

External left-hand threads

IC	TP	NT	Ordering code	P 1020	P 1135	M 1020	M 1135	K 1020	K 1135	N 1020	N 1135	S 1020	S 1135	Dimensions, mm, inch CF	HA	HB	PDX	PDY
3/8	1.50	1	266LG-16TR01F150E		★		★		★		★		★	0.5	1.85	0.88	1.00	1.32
	.059													.019	.0728	.0346	.039	.052
	2.00	1	266LG-16TR01F200E		★		★		★		★		★	0.6	2.44	1.13	1.10	1.33
	.079													.024	.0961	.0445	.043	.052
	3.00	1	266LG-16TR01F300E		★		★		★		★		★	1.0	3.63	1.82	1.60	1.23
	.118													.039	.1429	.0717	.063	.048
1/2	4.00	1	266LG-22TR01F400E	★		★		★		★		★		1.3	4.82	2.50	1.90	1.38
	.157													.053	.1898	.0984	.075	.054
	5.00	1	266LG-22TR01F500E	★		★		★		★		★		1.7	6.01	3.18	2.10	1.38
	.197													.067	.2366	.1252	.083	.054
	6.00	1	266LG-22TR01F600E	★		★		★		★		★		1.9	7.20	3.62	2.40	0.79
	.236													.076	.2835	.1425	.094	.031
	7.00	1	266LG-22TR01F700E	★		★		★		★		★		2.3	8.38	4.31	2.40	0.79
	.276													.091	.3299	.1697	.094	.031

R = Right hand, L = Left hand

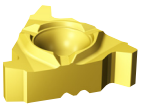
C51 C59 C96 C113 H37 H28 H26

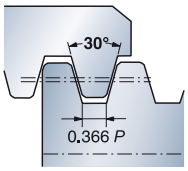
SANDVIK Coromant

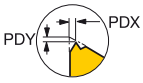
CoroThread® 266 insert for thread turning

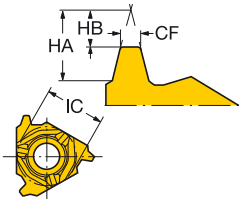
ISO Trapezoidal 30° Chamfered crest form

STDNO ISO 2901-2904
STDNO DIN 103-1977
TCTR 7









Internal right-hand threads

					P		M		K		N		S		Dimensions, mm, inch				
	IC	TP	NT	Ordering code	1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	CF	HA	HB	PDX	PDY
16	3/8	2.00	1	266RL-16TR01F200E		★		★		★		★		★	0.6	2.41	1.08	1.10	1.30
		.079													.023	.0949	.0425	.043	.051
		3.00	1	266RL-16TR01F300E		★		★		★		★		★	0.9	3.59	1.76	1.60	1.21
		.118													.037	.1413	.0693	.063	.047
22	1/2	4.00	1	266RL-22TR01F400E	★		★		★		★		★		1.3	4.77	2.45	1.90	1.35
		.157													.052	.1878	.0965	.075	.053
		5.00	1	266RL-22TR01F500E	★		★		★		★		★		1.7	5.96	3.13	2.10	1.35
		.197													.066	.2346	.1232	.083	.053
		6.00	1	266RL-22TR01F600E	★		★		★		★		★		1.9	7.14	3.56	2.40	0.77
		.236													.075	.2811	.1402	.094	.030
		7.00	1	266RL-22TR01F700E	★		★		★		★		★		2.3	8.32	4.25	2.40	0.96
		.276													.090	.3276	.1673	.094	.038
27	5/8	8.00	1	266RL-27TR01F800E	★		★		★		★		★		2.6	9.49	4.93	3.30	0.54
		.315													.104	.3736	.1941	.130	.021

Internal left-hand threads

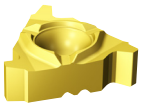
					P		M		K		N		S		Dimensions, mm, inch				
	IC	TP	NT	Ordering code	1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	CF	HA	HB	PDX	PDY
16	3/8	2.00	1	266LL-16TR01F200E		★		★		★		★		★	0.6	2.41	1.08	1.20	1.30
		.079													.023	.0949	.0425	.047	.051
		3.00	1	266LL-16TR01F300E		★		★		★		★		★	0.9	3.59	1.76	1.35	1.45
		.118													.037	.1413	.0693	.053	.057
22	1/2	4.00	1	266LL-22TR01F400E	★		★		★		★		★		1.3	4.77	2.45	1.90	1.35
		.157													.052	.1878	.0965	.075	.053
		5.00	1	266LL-22TR01F500E	★		★		★		★		★		1.7	5.96	3.13	2.10	1.35
		.197													.066	.2346	.1232	.083	.053
		6.00	1	266LL-22TR01F600E	★		★		★		★		★		1.9	7.14	3.56	2.40	0.77
		.236													.075	.2811	.1402	.094	.030
		7.00	1	266LL-22TR01F700E	★		★		★		★		★		2.3	8.32	4.25	2.40	0.96
		.276													.090	.3276	.1673	.094	.038

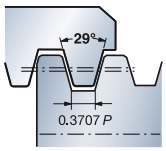
R = Right hand, L = Left hand

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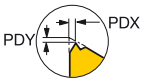
CoroThread® 266 insert for thread turning

ACME 29° Chamfered crest form

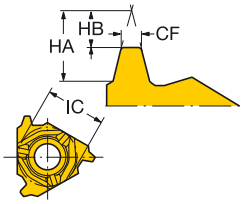




STDNO
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External right-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1135	M 1020	M 1135	K 1020	K 1135	N 1020	N 1135	S 1020	S 1135	Dimensions, mm, inch CF	HA	HB	PDX	PDY
16	3/8	16.0	266RG-16AC01F160E		★		★		★		★		★	0.5	1.98	1.04	1.00	1.33
														.021	.0780	.0409	.039	.052
		14.0	266RG-16AC01F140E		★		★		★		★		★	0.6	2.26	1.21	1.10	1.33
														.025	.0890	.0476	.043	.052
		12.0	266RG-16AC01F120E		★		★		★		★		★	0.7	2.64	1.43	1.20	1.33
														.029	.1039	.0563	.047	.052
		10.0	266RG-16AC01F100E		★		★		★		★		★	0.8	3.16	1.61	1.30	1.32
														.033	.1244	.0634	.051	.052
		8.0	266RG-16AC01F080E		★		★		★		★		★	1.1	3.94	2.08	1.50	1.23
														.043	.1551	.0819	.059	.048
22	1/2	6.0	266RG-22AC01F060E	★		★		★		★		★		1.5	5.25	2.84	1.90	1.38
														.058	.2067	.1118	.075	.054
		5.0	266RG-22AC01F050E	★		★		★		★		★		1.8	6.29	3.47	2.10	1.38
														.070	.2476	.1366	.083	.054
		4.0	266RG-22AC01F040E	★		★		★		★		★		2.3	7.87	4.41	2.40	0.79
														.090	.3098	.1736	.094	.031
27	5/8	3.0	266RG-27AC01F030E	★		★		★		★		★		3.1	10.47	5.95	3.30	0.54
														.121	.4122	.2343	.130	.021

External left-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1135	M 1020	M 1135	K 1020	K 1135	N 1020	N 1135	S 1020	S 1135	Dimensions, mm, inch CF	HA	HB	PDX	PDY
16	3/8	12.0	266LG-16AC01F120E		★		★		★		★		★	0.7	2.64	1.43	1.20	1.33
														.029	.1039	.0563	.047	.052
		10.0	266LG-16AC01F100E		★		★		★		★		★	0.8	3.16	1.61	1.30	1.33
														.033	.1244	.0634	.051	.052
		8.0	266LG-16AC01F080E		★		★		★		★		★	1.1	3.94	2.08	1.50	1.23
														.043	.1551	.0819	.059	.048
22	1/2	6.0	266LG-22AC01F060E	★		★		★		★		★		1.5	5.25	2.84	1.90	1.38
														.058	.2067	.1118	.075	.054
		5.0	266LG-22AC01F050E	★		★		★		★		★		1.8	6.29	3.47	2.10	1.38
														.070	.2476	.1366	.083	.054
		4.0	266LG-22AC01F040E	★		★		★		★		★		2.3	7.87	4.41	2.40	0.79
														.090	.3098	.1736	.094	.031

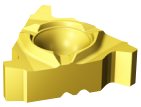
R = Right hand, L = Left hand

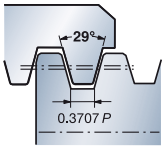
C51 C59 C96 C113 H37 H28 H26

SANDVIK Coromant

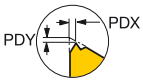
CoroThread® 266 insert for thread turning

ACME 29° Chamfered crest form

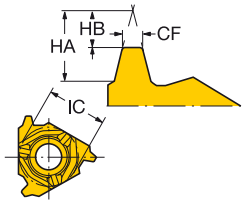




STDNO
TCTR



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Internal right-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1125	P 1135	M 1020	M 1125	M 1135	K 1020	K 1125	K 1135	N 1020	N 1125	N 1135	S 1020	S 1125	S 1135	CF	HA	HB	PDX	PDY
3/8	16.0	1	266RL-16AC01F160E			★			★			★			★			★	0.5	1.97	1.00	1.00	1.30
																			.020	.0776	.0394	.039	.051
	14.0	1	266RL-16AC01F140E			★			★			★			★			★	0.6	2.25	1.16	1.10	1.30
																			.024	.0886	.0457	.043	.051
	12.0	1	266RL-16AC01F120E			★			★			★			★			★	0.7	2.62	1.37	1.20	1.30
																			.028	.1032	.0539	.047	.051
	10.0	1	266RL-16AC01F100E			★			★			★			★			★	0.8	3.13	1.54	1.30	1.30
																			.031	.1232	.0606	.051	.051
	8.0	1	266RL-16AC01F080E			★			★			★			★			★	1.0	3.90	2.00	1.50	1.21
																			.041	.1535	.0787	.059	.047
1/2	6.0	1	266RL-22AC01A060M		★	☆		☆	★		★	☆		★	☆		☆	★	1.4	5.19	0.14	1.90	1.01
																			.056	.2043	.0055	.075	.040
	6.0	1	266RL-22AC01F060E	★			★			★			★			★			1.4	5.19	2.76	1.90	1.35
																			.056	.2043	.1087	.075	.053
	5.0	1	266RL-22AC01F050E	★			★			★			★			★			1.7	6.22	3.37	2.10	0.96
																			.069	.2449	.1327	.083	.038
	4.0	1	266RL-22AC01F040E	★			★			★			★			★			2.2	7.77	4.28	2.40	0.87
																			.087	.3059	.1685	.094	.034
5/8	3.0	1	266RL-27AC01F030E	★			★			★			★			★			3.0	10.31	5.80	3.30	0.54
																			.118	.4059	.2283	.130	.021

Internal left-hand threads

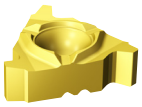
IC	TPI	NT	Ordering code	P 1020	P 1135	M 1020	M 1135	K 1020	K 1135	N 1020	N 1135	S 1020	S 1135	CF	HA	HB	PDX	PDY
3/8	12.0	1	266LL-16AC01F120E		★		★		★		★		★	0.7	2.62	1.37	1.20	1.30
														.028	.1032	.0539	.047	.051
	10.0	1	266LL-16AC01F100E		★		★		★		★		★	0.8	3.13	1.54	1.30	1.30
														.031	.1232	.0606	.051	.051
	8.0	1	266LL-16AC01F080E		★		★		★		★		★	1.0	3.90	2.00	1.50	1.21
														.041	.1535	.0787	.059	.048
1/2	6.0	1	266LL-22AC01F060E	★		★		★		★		★		1.4	5.19	2.76	1.90	1.35
														.056	.2043	.1087	.075	.053
	5.0	1	266LL-22AC01F050E	★		★		★		★		★		1.7	6.22	3.37	2.00	0.96
														.069	.2449	.1327	.079	.038
	4.0	1	266LL-22AC01F040E	★		★		★		★		★		2.2	7.77	4.28	2.40	0.70
														.087	.3059	.1685	.094	.028

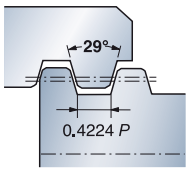
R = Right hand, L = Left hand

C51 C59 C96 C113 H37 H28 H26

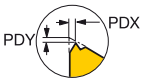
CoroThread® 266 insert for thread turning

STUB-ACME 29° Chamfered crest form

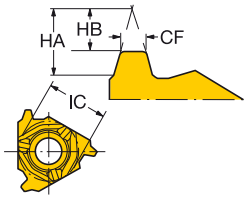




STDNO
TCTR



ANSI B1.8-1988
2G



External right-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1135	M 1020	M 1135	K 1020	K 1135	N 1020	N 1135	S 1020	S 1135	Dimensions, mm, inch CF	HA	HB	PDX	PDY
16	3/8	16.0	266RG-16SA01F160E		★		★		★		★		★	0.6	1.86	1.21	1.50	1.23
														.025	.0732	.0476	.059	.048
		14.0	1	266RG-16SA01F140E		★		★		★		★		★	0.7	2.12	1.40	1.85	1.30
														.028	.0835	.0551	.073	.051
		12.0	1	266RG-16SA01F120E		★		★		★		★		★	0.9	2.47	1.65	1.10	1.32
														.033	.0972	.0650	.043	.052
		10.0	1	266RG-16SA01F100E		★		★		★		★		★	1.0	2.95	1.87	1.20	1.32
														.038	.1161	.0736	.047	.052
		8.0	1	266RG-16SA01F080E		★		★		★		★		★	1.2	3.67	2.39	1.50	1.53
														.049	.1445	.0941	.059	.060
22	1/2	6.0	1	266RG-22SA01F060E	★		★		★		★		★		1.7	4.86	3.27	1.80	1.67
														.067	.1913	.1287	.071	.066
		5.0	1	266RG-22SA01F050E	★		★		★		★		★		2.1	5.83	3.98	2.00	1.67
														.081	.2295	.1567	.079	.066
		4.0	1	266RG-22SA01F040E	★		★		★		★		★		2.6	7.27	5.05	2.40	1.67
														.103	.2862	.1988	.094	.066
27	5/8	3.0	1	266RG-27SA01F030E	★		★		★		★		★		3.5	9.66	6.81	3.10	1.72
														.139	.3803	.2681	.122	.068

External left-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1135	M 1020	M 1135	K 1020	K 1135	N 1020	N 1135	S 1020	S 1135	Dimensions, mm, inch CF	HA	HB	PDX	PDY
16	3/8	16.0	266LG-16SA01F160E		★		★		★		★		★	0.6	1.86	1.21	1.30	1.30
														.025	.0732	.0476	.051	.051
		14.0	1	266LG-16SA01F140E		★		★		★		★		★	0.7	2.12	1.40	1.10	1.32
														.028	.0835	.0551	.043	.052
		12.0	1	266LG-16SA01F120E		★		★		★		★		★	0.9	2.47	1.65	1.50	1.30
														.033	.0972	.0650	.059	.051
		10.0	1	266LG-16SA01F100E		★		★		★		★		★	1.0	2.95	1.87	1.30	1.30
														.038	.1161	.0736	.051	.051
		8.0	1	266LG-16SA01F080E		★		★		★		★		★	1.2	3.67	2.89	1.10	1.30
														.049	.1445	.1138	.043	.051
22	1/2	6.0	1	266LG-22SA01F060E	★		★		★		★		★		1.7	4.86	3.27	1.80	1.67
														.067	.1913	.1287	.071	.066
		5.0	1	266LG-22SA01F050E	★		★		★		★		★		2.1	5.83	3.98	2.00	1.67
														.081	.2295	.1567	.079	.066
		4.0	1	266LG-22SA01F040E	★		★		★		★		★		2.6	7.27	5.05	2.40	1.67
														.103	.2862	.1988	.094	.066

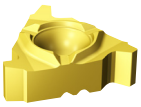
R = Right hand, L = Left hand

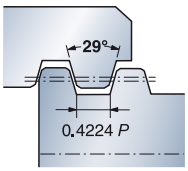
C51 C59 C96 C113 H37 H28 H26

SANDVIK Coromant

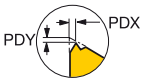
CoroThread® 266 insert for thread turning

STUB-ACME 29° Chamfered crest form

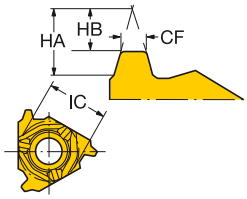




STDNO
TCTR



ANSI B1.8-1988
2G



Internal right-hand threads

					P		M		K		N		S		Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	CF	HA	HB	PDX	PDY
16	3/8	16.0	1	266RL-16SA01F160E		★		★		★		★		★	0.6	1.81	1.15	1.00	1.30
															.023	.0713	.0453	.039	.051
		14.0	1	266RL-16SA01F140E		★		★		★		★		★	0.7	2.07	1.34	0.80	1.30
															.028	.0815	.0528	.031	.051
		12.0	1	266RL-16SA01F120E		★		★		★		★		★	0.9	2.40	1.59	1.10	1.30
															.033	.0945	.0626	.043	.051
		10.0	1	266RL-16SA01F100E		★		★		★		★		★	0.9	2.88	1.80	1.20	1.30
															.037	.1134	.0709	.047	.051
		8.0	1	266RL-16SA01F080E		★		★		★		★		★	1.2	3.59	2.31	1.50	1.50
															.049	.1413	.0909	.059	.059
22	1/2	6.0	1	266RL-22SA01F060E	★		★		★		★		★		1.6	4.77	3.18	1.80	1.64
															.065	.1878	.1252	.071	.065
		5.0	1	266RL-22SA01F050E	★		★		★		★		★		2.0	5.71	3.87	2.00	1.64
															.079	.2248	.1524	.079	.065
		4.0	1	266RL-22SA01F040E	★		★		★		★		★		2.5	7.13	4.91	2.40	1.64
															.100	.2807	.1933	.094	.065
27	5/8	3.0	1	266RL-27SA01F030E	★		★		★		★		★		3.4	9.49	6.64	3.10	1.72
															.135	.3736	.2614	.122	.068

Internal left-hand threads

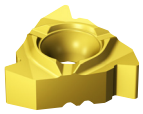
					P		M		K		N		S		Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	CF	HA	HB	PDX	PDY
16	3/8	12.0	1	266LL-16SA01F120E		★		★		★		★		★	0.9	2.40	1.59	1.20	1.32
															.033	.0945	.0626	.047	.052
		10.0	1	266LL-16SA01F100E		★		★		★		★		★	0.9	2.88	1.80	1.50	1.52
															.037	.1134	.0709	.059	.060
		8.0	1	266LL-16SA01F080E		★		★		★		★		★	1.2	3.59	2.31	1.05	1.30
															.049	.1413	.0909	.041	.051
22	1/2	6.0	1	266LL-22SA01F060E	★		★		★		★		★		1.6	4.77	3.18	1.80	1.64
															.065	.1878	.1252	.071	.065
		5.0	1	266LL-22SA01F050E	★		★		★		★		★		2.0	5.71	3.87	2.00	1.64
															.079	.2248	.1524	.079	.065
		4.0	1	266LL-22SA01F040E	★		★		★		★		★		2.5	7.13	4.91	2.40	1.64
															.100	.2807	.1933	.094	.065

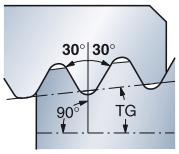
R = Right hand, L = Left hand

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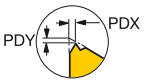
CoroThread® 266 insert for thread turning

API 60° Topping for shouldered connections

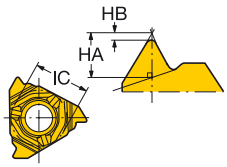




STDNO



API Spec. 7



External right-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	HA	HB	PDX	PDY	TG
22	1/2	5.0	266RG-22V401A0503E	☆	★	☆	★	☆	★	☆	★	☆	★	3.48	0.50	2.50	1.38	0.13
														.1368	.0197	.098	.054	
		4.0	266RG-22V381A0402E	☆	★	☆	★	☆	★	☆	★	☆	★	4.03	0.95	2.50	1.67	0.08
														.1587	.0374	.098	.066	
		4.0	266RG-22V381A0403E	☆	★	☆	★	☆	★	☆	★	☆	★	4.02	0.95	2.60	1.72	0.13
														.1583	.0374	.102	.068	
		4.0	266RG-22V501A0402E	☆	★	☆	★	☆	★	☆	★	☆	★	4.36	0.62	2.80	0.98	0.08
														.1717	.0244	.110	.039	
		4.0	266RG-22V501A0403E	☆	★	☆	★	☆	★	☆	★	☆	★	4.35	0.62	2.80	1.08	0.13
														.1713	.0244	.110	.043	
27	5/8	5.0	266RG-27V401A0503E		★		★		★		★		★	3.48	0.50	2.50	1.92	0.13
														.1368	.0197	.098	.076	
		4.0	266RG-27V381A0402E		★		★		★		★		★	4.03	0.95	2.60	2.41	0.08
														.1587	.0374	.102	.095	
		4.0	266RG-27V381A0403E		★		★		★		★		★	4.02	0.95	2.70	2.41	0.13
														.1583	.0374	.106	.095	
		4.0	266RG-27V501A0402E		★		★		★		★		★	4.36	0.62	2.80	1.92	0.08
														.1717	.0244	.110	.076	
		4.0	266RG-27V501A0403E		★		★		★		★		★	4.35	0.62	2.90	1.92	0.13
														.1713	.0244	.114	.076	

Internal right-hand threads

IC	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	HA	HB	PDX	PDY	TG
22	1/2	5.0	266RL-22V401A0503E	☆	★	☆	★	☆	★	☆	★	☆	★	3.48	0.50	2.50	1.35	0.13
														.1368	.0197	.098	.053	
		4.0	266RL-22V381A0402E	☆	★	☆	★	☆	★	☆	★	☆	★	4.03	0.95	2.60	1.74	0.08
														.1587	.0374	.102	.068	
		4.0	266RL-22V381A0403E	☆	★	☆	★	☆	★	☆	★	☆	★	4.02	0.95	2.60	1.74	0.13
														.1583	.0374	.102	.068	
		4.0	266RL-22V501A0402E	☆	★	☆	★	☆	★	☆	★	☆	★	4.36	0.62	2.80	1.06	0.08
														.1717	.0244	.110	.042	
		4.0	266RL-22V501A0403E	☆	★	☆	★	☆	★	☆	★	☆	★	4.35	0.62	2.90	1.16	0.13
														.1713	.0244	.114	.046	
27	5/8	5.0	266RL-27V401A0503E		★		★		★		★		★	3.48	0.50	2.50	1.92	0.13
														.1368	.0197	.098	.076	
		4.0	266RL-27V381A0402E		★		★		★		★		★	4.03	0.95	2.60	2.41	0.08
														.1587	.0374	.102	.095	
		4.0	266RL-27V381A0403E		★		★		★		★		★	4.02	0.95	2.70	2.41	0.13
														.1583	.0374	.106	.095	
		4.0	266RL-27V501A0402E		★		★		★		★		★	4.36	0.62	2.80	1.92	0.08
														.1717	.0244	.110	.076	
		4.0	266RL-27V501A0403E		★		★		★		★		★	4.35	0.62	2.90	1.92	0.13
														.1713	.0244	.114	.076	

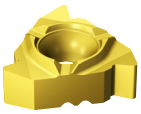
R = Right hand, L = Left hand

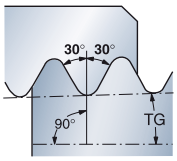
C51 C59 C96 C113 H37 H28 H26

SANDVIK Coromant

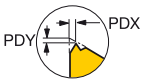
CoroThread® 266 insert for thread turning

API Round 60° Topping

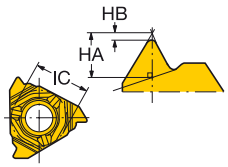




STDNO



API Spec. 5B



External right-hand threads

					P		M		K		N		S		Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY	TG
16	3/8	10.0	1	266RG-16RD01A100E		★		★		★		★		★	1.76	0.36	1.30	1.35	0.03
															.0693	.0142	.051	.053	
		10.0	1	266RG-16RD01C100M		★		★		★		★		★	1.76	0.36	1.30	1.35	0.03
															.0693	.0142	.051	.053	
		8.0	1	266RG-16RD01A080E		★		★		★		★		★	2.23	0.43	1.50	1.35	0.03
															.0878	.0169	.059	.053	
		8.0	1	266RG-16RD01C080M		★		★		★		★		★	2.23	0.43	1.50	1.35	0.03
															.0878	.0169	.059	.053	
22	1/2	10.0	1	266RG-22RD01A100E	☆	★	☆	★	☆	★	☆	★	☆	★	1.76	0.36	2.00	1.67	0.03
															.0693	.0142	.079	.066	
		8.0	1	266RG-22RD01A080E	☆	★	☆	★	☆	★	☆	★	☆	★	2.23	0.43	2.00	1.67	0.03
															.0878	.0169	.079	.066	

Internal right-hand threads

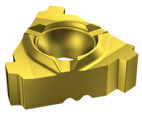
					P			M			K			N			S			Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY	TG
16	3/8	10.0	1	266RL-16RD01A100E		★			★			★			★			★		1.76	0.36	1.30	1.30	0.03
																				.0693	.0142	.051	.051	
		10.0	1	266RL-16RD01C100M			★			★			★			★			★	1.76	0.36	1.30	1.30	0.03
																				.0693	.0142	.051	.051	
		8.0	1	266RL-16RD01A080E		★			★			★			★			★		2.24	0.43	1.50	1.30	0.03
																				.0882	.0169	.059	.051	
		8.0	1	266RL-16RD01C080M			★			★			★			★			★	2.24	0.43	1.50	1.30	0.03
																				.0882	.0169	.059	.051	
22	1/2	10.0	1	266RL-22RD01A100E	☆	★		☆	★		☆	★		☆	★		☆	★		1.76	0.36	2.00	1.64	0.03
																				.0693	.0142	.079	.065	
		8.0	1	266RL-22RD01A080E	☆	★		☆	★		☆	★		☆	★		☆	★		2.24	0.43	2.00	1.64	0.03
																				.0882	.0169	.079	.065	

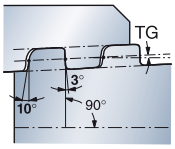
R = Right hand

C51 C59 C96 C113 H37 H28 H26

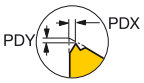
CoroThread® 266 insert for thread turning

API Topping for casing and tubing

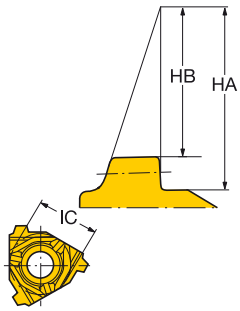




STDNO



API Spec. 5B



External right-hand threads

					P		M		K		N		S		Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY	TG
22	1/2	5.0	1	266RG-22BU01A0501E	☆	★	☆	★	☆	★	☆	★	☆	★	12.06	10.60	2.50	1.97	0.04
															.4748	.4173	.098	.078	
		5.0	1	266RG-22BU01A050E	☆	★	☆	★	☆	★	☆	★	☆	★	12.05	10.47	2.50	1.97	0.03
															.4744	.4122	.098	.078	

Internal right-hand threads

					P		M		K		N		S		Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY	TG
22	1/2	5.0	1	266RL-22BU01A0501E	☆	★	☆	★	☆	★	☆	★	☆	★	12.04	10.62	2.21	1.93	0.04
															.4740	.4181	.087	.076	
		5.0	1	266RL-22BU01A050E	☆	★	☆	★	☆	★	☆	★	☆	★	12.18	10.60	2.31	1.93	0.03
															.4795	.4173	.091	.076	

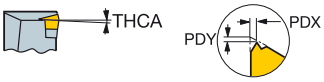
R = Right hand

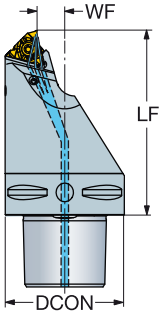
CoroThread® 266 cutting unit for thread turning

Screw clamp design

Coromant Capto® - Precision coolant supply



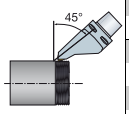






266 R/LG

External

	IC	CZC$_{MS}$	CNSC	Ordering code	DCON	LF	WF	THCA	BAR PSI	NM	KG	MIID
	16 3/8	C6	3	C6-266RS18100-16HP	63	100.0	18.0	1°	80	3.5	1.98	266.RG-16..
					2.480	*3.937*	*.709*	*1°*	*1160*			*266.RG-16..*
	22 1/2	C6	3	C6-266RS16100-22HP	63	100.0	16.0	1°	80	5.0	1.94	266.RG-22..
					2.480	*3.937*	*.630*	*1°*	*1160*			*266.RG-22..*

Dimensions, mm, inch

For PDX/PDY values, see insert page.

R = Right hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Note:

In a multi-task machine the tool must lean 45 degrees otherwise the tool holder, B-axis, will interfere with the chuck.

			Spare parts			
IC		CZC$_{MS}$	Screw	Shim	Shim screw	Nozzle
16	3/8	C6	5513 020-13	5322 389-11	5512 032-05	5691 026-13
22	1/2	C6	5513 020-26	5322 379-11	5512 032-04	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

C4 F2 E3 G2 H37 H27 H5

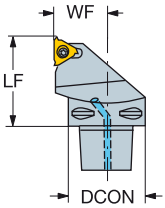
CoroThread® 266 cutting unit for thread turning

Screw clamp design

Coromant Capto® - Internal coolant supply



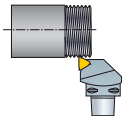






266 R/LG

External

	IC	CZC$_{MS}$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	THCA	BAR PSI	NM	KG	MIID
	16 3/8	C3	3	C3-266R/LFG-22040-16	32	40.0	22.0	1°	10	3.0	0.23	266.LG-16..
					1.260	*1.575*	*.866*	*1°*	*145*			*266.LG-16..*
		C4	3	C4-266R/LFG-27050-16	40	50.0	27.0	1°	10	3.0	0.46	266.LG-16..
					1.575	*1.969*	*1.063*	*1°*	*145*			*266.LG-16..*
		C5	3	C5-266R/LFG-35060-16	50	60.0	35.0	1°	10	3.0	0.77	266.LG-16..
					1.969	*2.362*	*1.378*	*1°*	*145*			*266.LG-16..*
		C6	3	C6-266R/LFG-45065-16	63	65.0	45.0	1°	10	3.0	1.29	266.LG-16..
					2.480	*2.559*	*1.772*	*1°*	*145*			*266.LG-16..*
		C8	3	C8-266R/LFG-55080-16	80	80.0	55.0	1°	10	3.0	2.51	266.LG-16..
					3.150	*3.150*	*2.165*	*1°*	*145*			*266.LG-16..*
	22 1/2	C3	3	C3-266RFG-22040-22	32	40.0	22.0	1°	10	5.0	0.23	266.RG-22..
					1.260	*1.575*	*.866*	*1°*	*145*			*266.RG-22..*
		C4	3	C4-266R/LFG-27050-22	40	50.0	27.0	1°	10	5.0	0.42	266.LG-22..
					1.575	*1.969*	*1.063*	*1°*	*145*			*266.LG-22..*
		C5	3	C5-266R/LFG-35060-22	50	60.0	35.0	1°	10	5.0	0.77	266.LG-22..
					1.969	*2.362*	*1.378*	*1°*	*145*			*266.LG-22..*
		C6	3	C6-266R/LFG-45065-22	63	65.0	45.0	1°	10	5.0	1.31	266.LG-22..
					2.480	*2.559*	*1.772*	*1°*	*145*			*266.LG-22..*
		C8	3	C8-266R/LFG-55080-22	80	80.0	55.0	1°	10	5.0	2.54	266.LG-22..
					3.150	*3.150*	*2.165*	*1°*	*145*			*266.LG-22..*
	27 5/8	C6	3	C6-266R/LFG-45065-27	63	65.0	45.0	1°	10	7.5	1.31	266.LG-27..
					2.480	*2.559*	*1.772*	*1°*	*145*			*266.LG-27..*

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

			Spare parts				
	IC	CZC$_{MS}$	Insert screw	Left hand shim	Right hand shim	Shim screw	Nozzle
16	3/8	C3-C4	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-01
16	3/8	C5-C6	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-02
16	3/8	C8	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-03
22	1/2	C3	5513 020-26		5322 379-11	5512 032-04	5691 034-01
22	1/2	C4	5513 020-26	5322 380-11	5322 379-11	5512 032-04	5691 034-01
22	1/2	C5-C6	5513 020-26	5322 380-11	5322 379-11	5512 032-04	5691 034-02
22	1/2	C8	5513 020-26	5322 380-11	5322 379-11	5512 032-04	5691 034-03
27	5/8	C6	5513 020-66	5322 388-11	5322 387-11	5512 032-03	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com


C4


F2


E3


G2



H37



H27



H5

SANDVIK Coromant

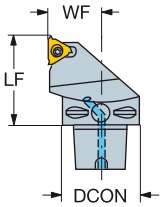
CoroThread® 266 cutting unit for thread turning

Screw clamp design

Coromant Capto® - Internal coolant supply



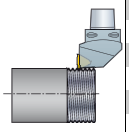






266 R/LG

External

	IC		CZC_{MS}	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	THCA	BAR PSI	NM	KG	MIID
	16	3/8	C4	3	C4-266RFGZ27050-16	40	50.0	27.0	1°	10	3.0	0.42	266.RG-16..
						1.575	*1.969*	*1.063*	*1°*	*145*			*266.RG-16..*
			C5	3	C5-266RFGZ35060-16	50	60.0	35.0	1°	10	3.0	0.77	266.RG-16..
						1.969	*2.362*	*1.378*	*1°*	*145*			*266.RG-16..*
			C6	3	C6-266RFGZ45065-16	63	65.0	45.0	1°	10	3.0	1.30	266.RG-16..
						2.480	*2.559*	*1.772*	*1°*	*145*			*266.RG-16..*
	22	1/2	C4	3	C4-266RFGZ27050-22	40	50.0	27.0	1°	10	5.0	0.42	266.RG-22..
						1.575	*1.969*	*1.063*	*1°*	*145*			*266.RG-22..*
			C5	3	C5-266RFGZ35060-22	50	60.0	35.0	1°	10	5.0	0.77	266.RG-22..
						1.969	*2.362*	*1.378*	*1°*	*145*			*266.RG-22..*
			C6	3	C6-266RFGZ45065-22	63	65.0	45.0	1°	10	5.0	1.32	266.RG-22..
						2.480	*2.559*	*1.772*	*1°*	*145*			*266.RG-22..*

For PDX/PDY values, see insert page.

R = Right hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Z = For upside down mounting

			Spare parts			
IC		CZC_{MS}	Insert screw	Right hand shim	Shim screw	Nozzle
16	3/8	C4	5513 020-13	5322 389-11	5512 032-05	5691 034-01
16	3/8	C5-C6	5513 020-13	5322 389-11	5512 032-05	5691 034-02
22	1/2	C4	5513 020-26	5322 379-11	5512 032-04	5691 034-01
22	1/2	C5-C6	5513 020-26	5322 379-11	5512 032-04	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com


C4


F2


E3


G2



H37



H27



H5

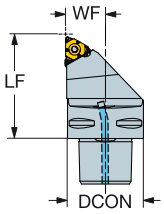
CoroThread® 266 cutting unit for thread turning

Screw clamp design

Coromant Capto® - Internal coolant supply



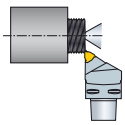




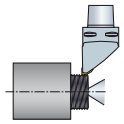


266 R/LG

External

	IC		CZC_{MS}	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	THCA	BAR PSI	NM	KG	MIID
	16	3/8	C3	3	C3-266R/LFA-17039-16	32	39.0	17.0	1°	10	3.0	0.20	266.LG-16..
						1.260	*1.535*	*.669*	*1°*	*145*			*266.LG-16..*
			C4	3	C4-266R/LFA-21055-16	40	55.0	21.0	1°	10	3.0	0.42	266.LG-16..
						1.575	*2.165*	*.827*	*1°*	*145*			*266.LG-16..*
			C5	3	C5-266R/LFA-26065-16	50	65.0	26.0	1°	10	3.0	0.76	266.LG-16..
						1.969	*2.559*	*1.024*	*1°*	*145*			*266.LG-16..*
			C6	3	C6-266R/LFA-33075-16	63	75.0	33.0	1°	10	3.0	1.33	266.LG-16..
						2.480	*2.953*	*1.299*	*1°*	*145*			*266.LG-16..*

External

	IC		CZC_{MS}	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	THCA	BAR PSI	NM	KG	MIID
	16	3/8	C3	3	C3-266RFAZ17039-16	32	39.0	17.0	1°	10	3.0	0.21	266.RG-16..
						1.260	*1.535*	*.669*	*1°*	*145*			*266.RG-16..*
			C4	3	C4-266RFAZ21055-16	40	55.0	21.0	1°	10	3.0	0.42	266.RG-16..
						1.575	*2.165*	*.827*	*1°*	*145*			*266.RG-16..*
			C5	3	C5-266RFAZ26065-16	50	65.0	26.0	1°	10	3.0	0.76	266.RG-16..
						1.969	*2.559*	*1.024*	*1°*	*145*			*266.RG-16..*
			C6	3	C6-266RFAZ33075-16	63	75.0	33.0	1°	10	3.0	1.34	266.RG-16..
						2.480	*2.953*	*1.299*	*1°*	*145*			*266.RG-16..*

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Z = For upside down mounting

			Spare parts				
	IC	CZC_{MS}	Screw	Left hand shim	Right hand shim	Shim screw	Nozzle
16	3/8	C3-C4	5513 020-13	5322 392-11	5322 391-11	5512 032-05	5691 034-01
16	3/8	C5-C6	5513 020-13	5322 392-11	5322 391-11	5512 032-05	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com


C4


F2


E3


G2



H37



H27

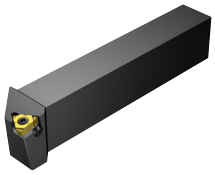


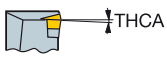
H5

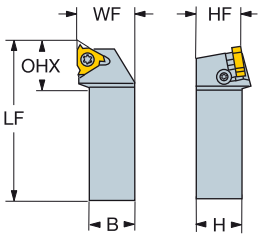
SANDVIK Coromant

CoroThread® 266 shank tool for thread turning

Screw clamp design



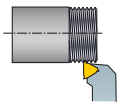




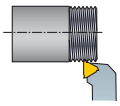


266 R/LG

Metric version

	IC	CZC_{MS}	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	THCA	NM	KG	MIID
	16	16 x 16	21.4	**266R/LFG-1616-16**	16.0	16.0	100.0	20.0	16.0	1°	3.0	0.23	266.LG-16..
		20 x 20	21.6	**266R/LFG-2020-16**	20.0	20.0	125.0	25.0	20.0	1°	3.0	0.42	266.LG-16..
		25 x 25	22.2	**266R/LFG-2525-16**	25.0	25.0	150.0	32.0	25.0	1°	3.0	0.76	266.LG-16..
		32 x 25	22.2	**266R/LFG-3225-16**	25.0	32.0	150.0	32.0	32.0	1°	3.0	1.08	266.LG-16..
	22	25 x 25	33.3	**266R/LFG-2525-22**	25.0	25.0	150.0	32.0	25.0	1°	5.0	0.76	266.LG-22..
		32 x 32	34.3	**266R/LFG-3232-22**	32.0	32.0	170.0	40.0	32.0	1°	5.0	1.37	266.LG-22..
		40 x 40	29.7	**266R/LFG-4040-22**	40.0	40.0	250.0	50.0	40.0	1°	5.0	3.14	266.LG-22..
	27	32 x 32	39.0	**266R/LFG-3232-27**	32.0	32.0	170.0	40.0	32.0	1°	7.5	1.40	266.LG-27..
		40 x 40	34.6	**266RFG-4040-27**	40.0	40.0	250.0	50.0	40.0	1°	7.5	3.15	266.RG-27..

Inch version

	IC	CZC_{MS}	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	THCA	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	.870	**266R/LFG-123B**	.750	.750	4.500	1.000	.750	1°	2.2	0.755	266.LG-16..
		1 x 1	.870	**266R/LFG-163D**	1.000	1.000	6.000	1.250	1.000	1°	2.2	1.760	266.LG-16..
		1 1/4 x 1 1/4	.870	**266R/LFG-203D**	1.250	1.250	6.000	1.500	1.250	1°	2.2	2.629	266.LG-16..
	1/2	1 x 1	1.272	**266R/LFG-164D**	1.000	1.000	6.000	1.250	1.000	1°	3.7	1.760	266.LG-22..
		1 1/4 x 1 1/4	1.272	**266R/LFG-204D**	1.250	1.250	6.000	1.500	1.250	1°	3.7	2.640	266.LG-22..
		1 1/2 x 1 1/2	1.193	**266RFG-244E**	1.500	1.500	7.000	2.000	1.500	1°	3.7	4.356	266.RG-22..
	5/8	1 1/4 x 1 1/4	1.455	**266R/LFG-205D**	1.250	1.250	6.000	1.500	1.250	1°	5.5	2.640	266.LG-27..

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Metric version

		Spare parts			
	CZC_{MS}	Screw	Left hand shim	Right hand shim	Shim screw
16	16 x 16-32 x 25	5513 020-13	5322 390-11	5322 389-11	5512 032-05
22	25 x 25-40 x 40	5513 020-26	5322 380-11	5322 379-11	5512 032-04
27	32 x 32	5513 020-66	5322 388-11	5322 387-11	5512 032-03
27	40 x 40	5513 020-66		5322 387-11	5512 032-03

Inch version

		Spare parts			
IC	CZC_{MS}	Screw	Left hand shim	Right hand shim	Shim screw
3/8	3/4 x 3/4-1 1/4 x 1 1/4	5513 020-13	5322 390-11	5322 389-11	5512 032-05
1/2	1 x 1-1 1/4 x 1 1/4	5513 020-26	5322 380-11	5322 379-11	5512 032-04
1/2	1 1/2 x 1 1/2	5513 020-26		5322 379-11	5512 032-04
5/8	1 1/4 x 1 1/4	5513 020-66	5322 388-11	5322 387-11	5512 032-03

For the complete list of spare parts, visit www.sandvik.coromant.com


C4


F2


E3



H37

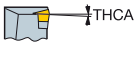


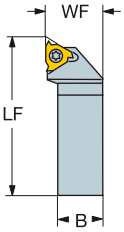
H27

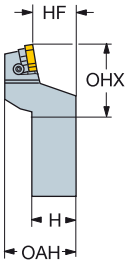
CoroThread® 266 shank tool for thread turning

Screw clamp design





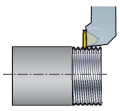




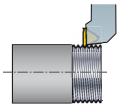


266 R/LG

Metric version

		CZC$_{MS}$	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	OAH	THCA	NM	KG	MIID
	16	25 x 25	22.2	266R/LFGZ2525-16	25.0	25.0	150.0	32.0	25.0	44.0	1°	3.0	0.74	266.LG-16..
		32 x 25	22.2	266RFGZ3225-16	25.0	32.0	170.0	32.0	32.0	48.0	1°	3.0	1.05	266.RG-16..
	22	25 x 25	33.3	266R/LFGZ2525-22	25.0	25.0	150.0	32.0	25.0	46.0	1°	5.0	0.80	266.LG-22..
		32 x 32	34.3	266RFGZ3232-22	32.0	32.0	170.0	40.0	32.0	52.0	1°	5.0	1.34	266.RG-22..

Inch version

	IC	CZC$_{MS}$	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	OAH	THCA	FT/LBS	LBS	MIID
	3/8	1 x 1	.870	266R/LFGZ163D	1.000	1.000	6.000	1.250	1.000	1.629	1°	2.2	1.760	266.LG-16..

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Z = For upside down mounting

Metric version

		Spare parts			
	CZC$_{MS}$	Screw	Left hand shim	Right hand shim	Shim screw
16	25 x 25	5513 020-13	5322 390-11	5322 389-11	5512 032-05
16	32 x 25	5513 020-13		5322 389-11	5512 032-05
22	25 x 25	5513 020-26	5322 380-11	5322 379-11	5512 032-04
22	32 x 32	5513 020-26		5322 379-11	5512 032-04

Inch version

		Spare parts			
IC	CZC$_{MS}$	Screw	Left hand shim	Right hand shim	Shim screw
3/8	1 x 1	5513 020-13	5322 390-11	5322 389-11	5512 032-05

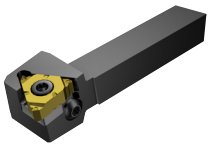
For the complete list of spare parts, visit www.sandvik.coromant.com

C4 F2 E3 H37 H27

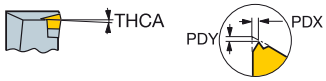
SANDVIK Coromant

CoroThread® 266 shank tool for thread turning

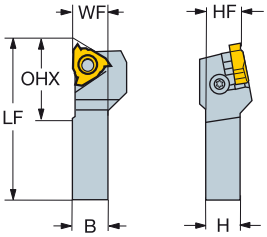
Screw clamp design



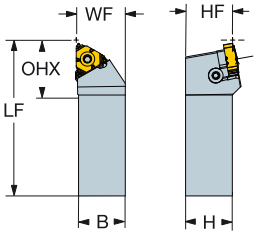
DSGN



1



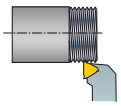
2



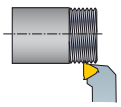


266 R/LG

Metric version

		CZC$_{MS}$	OHX	DSGN	Ordering code	Dimensions, mm B	H	LF	WF	HF	THCA	NM	KG	MIID
	16	16 x 16	23.3	1	266R/LFA-1616-16-S	16.0	16.0	125.0	16.0	16.0	1°	3.0	0.28	266.LG-16..
		12 x 12	23.4	2	266R/LFA-1212-16	12.0	12.0	80.0	12.5	12.0	1°	3.0	0.13	266.LG-16..
		16 x 16	21.4	2	266R/LFA-1616-16	16.0	16.0	100.0	16.5	16.0	1°	3.0	0.21	266.LG-16..
		20 x 20	21.6	2	266R/LFA-2020-16	20.0	20.0	125.0	20.5	20.0	1°	3.0	0.40	266.LG-16..
		25 x 25	22.2	2	266R/LFA-2525-16	25.0	25.0	150.0	25.5	25.0	1°	3.0	0.73	266.LG-16..

Inch version

		CZC$_{MS}$	OHX	DSGN	Ordering code	Dimensions, inch B	H	LF	WF	HF	THCA	FT/LBS	LBS	MIID
	3/8	3/4 x 3/4	.841	1	266RFA-123-S	.750	.750	5.000	.750	.750	1°	2.2	0.682	266.RG-16..
		1/2 x 1/2	.921	2	266RFA-083	.500	.500	3.500	.520	.500	1°	1.6	0.317	266.RG-16..
		5/8 x 5/8	.921	2	266RFA-103	.625	.625	4.000	.645	.625	1°	1.6	0.497	266.RG-16..
		3/4 x 3/4	.921	2	266R/LFA-123B	.750	.750	4.500	.770	.750	1°	1.6	0.792	266.LG-16..
		1 x 1	.921	2	266R/LFA-163D	1.000	1.000	6.000	1.020	1.000	1°	1.6	1.408	266.LG-16..
		1 1/4 x 1 1/4	.921	2	266RFA-203D	1.250	1.250	6.000	1.289	1.250	1°	1.6	2.508	266.RG-16..

For threading near a tail stock

R = Right hand, L = Left hand

For PDX/PDY values, see insert page.

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Metric version

		Spare parts			
	CZC$_{MS}$	Screw	Left hand shim	Right hand shim	Shim screw
16	12 x 12	5513 020-13	5322 392-11	5322 391-11	5512 032-05
16	16 x 16	5513 020-13	5322 390-11	5322 389-11	5512 032-05
16	20 x 20-25 x 25	5513 020-13	5322 392-11	5322 391-11	5512 032-05

Inch version

		Spare parts			
	CZC$_{MS}$	Screw	Left hand shim	Right hand shim	Shim screw
3/8	1/2 x 1/2-5/8 x 5/8	5513 020-13		5322 391-11	5512 032-05
3/8	3/4 x 3/4-1 x 1	5513 020-13	5322 392-11	5322 391-11	5512 032-05
3/8	1 1/4 x 1 1/4	5513 020-13		5322 391-11	5512 032-05

For the complete list of spare parts, visit www.sandvik.coromant.com


C4


F2


E3



H37

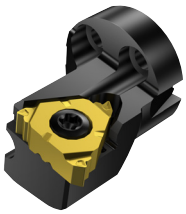


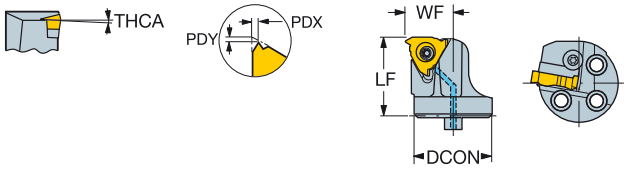
H27

CoroThread® 266 head for thread turning

Screw clamp design

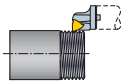
CoroTurn® SL - Internal coolant supply







266 R/LG

	IC		CZC$_{MS}$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	THCA	BAR PSI	NM	KG	MIID
	16	3/8	20	0	**SL-266R/LFG-202514-16**	20	25.0	14.0	1°		3.0	0.06	266.LG-16..
						.787	*.984*	*.551*	*1°*				*266.LG-16..*
			25	1	**SL-266R/LFG-252517-16**	25	25.0	17.0	1°	10	3.0	0.08	266.LG-16..
						.984	*.984*	*.669*	*1°*	*145*			*266.LG-16..*
			32	1	**SL-266R/LFG-323222-16**	32	32.0	22.0	1°	10	3.0	0.14	266.LG-16..
						1.260	*1.260*	*.866*	*1°*	*145*			*266.LG-16..*
			40	1	**SL-266R/LFG-403227-16**	40	32.0	27.0	1°	10	3.0	0.21	266.LG-16..
						1.575	*1.260*	*1.063*	*1°*	*145*			*266.LG-16..*

When using an external CoroThread 266 SL cutting head the right hand head uses a left hand external insert and left hand head uses a right hand external insert.

R = Right hand, L = Left hand

For PDX/PDY values, see insert page.

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

			Spare parts			
	IC	CZC$_{MS}$	Insert screw	Left hand shim	Right hand shim	Shim screw
16	3/8	20	5513 020-02			
16	3/8	25-40	5513 020-13	5322 390-11	5322 389-11	5512 032-05

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroThread® 266 cutting unit for thread turning

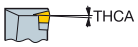
Screw clamp design

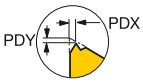
Coromant Capto® - Internal coolant supply

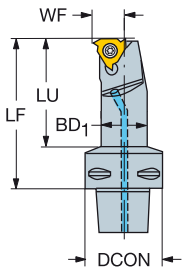


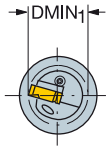


266 R/LL

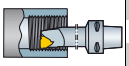








Dimensions, mm, inch

	IC		CZC_{MS}	$DMIN_1$	LU	CNSC	Ordering code	DCON	BD_1	LF	WF	THCA	BAR PSI	NM	KG	MIID
	16	3/8	C3	25.0	44.0	3	C3-266R/LKF-14060-16	32	20.0	60.0	14.0	1°	10	3.0	0.24	266.LL-16..
				.984	*1.732*			*1.260*	*.787*	*2.362*	*.551*	*1°*	*145*			*266.LL-16..*
			C4	20.0	37.0	3	C4-266R/LKF-12060-16	40	16.0	60.0	12.0	2°	10	3.0	0.35	266.LL-16..
				.787	*1.457*			*1.575*	*.630*	*2.362*	*.472*	*2°*	*145*			*266.LL-16..*
			C4	25.0	38.0	3	C4-266R/LKF-14060-16	40	20.0	60.0	14.0	1°	10	3.0	0.38	266.LL-16..
				.984	*1.496*			*1.575*	*.787*	*2.362*	*.551*	*1°*	*145*			*266.LL-16..*
			C4	32.0	48.0	3	C4-266R/LKF-17070-16	40	25.0	70.0	17.0	1°	10	3.0	0.45	266.LL-16..
				1.260	*1.890*			*1.575*	*.984*	*2.756*	*.669*	*1°*	*145*			*266.LL-16..*
			C4	40.0	69.0	3	C4-266RKF-22090-16	40	32.0	90.0	22.0	1°	10	3.0	0.67	266.RL-16..
				1.575	*2.717*			*1.575*	*1.260*	*3.543*	*.866*	*1°*	*145*			*266.RL-16..*
			C5	25.0	36.0	3	C5-266R/LKF-14060-16	50	20.0	60.0	14.0	1°	10	3.0	0.57	266.LL-16..
				.984	*1.417*			*1.969*	*.787*	*2.362*	*.551*	*1°*	*145*			*266.LL-16..*
			C5	32.0	47.0	3	C5-266R/LKF-17070-16	50	25.0	70.0	17.0	1°	10	3.0	0.64	266.LL-16..
				1.260	*1.850*			*1.969*	*.984*	*2.756*	*.669*	*1°*	*145*			*266.LL-16..*
			C5	40.0	68.0	3	C5-266R/LKF-22090-16	50	32.0	90.0	22.0	1°	10	3.0	0.86	266.LL-16..
				1.575	*2.677*			*1.969*	*1.260*	*3.543*	*.866*	*1°*	*145*			*266.LL-16..*
			C5	50.0	84.0	3	C5-266R/LKF-27105-16	50	40.0	105.0	27.0	1°	10	3.0	1.21	266.LL-16..
				1.969	*3.307*			*1.969*	*1.575*	*4.134*	*1.063*	*1°*	*145*			*266.LL-16..*
			C5	20.0	35.0	3	C5-266RKF-12060-16	50	16.0	60.0	12.0	2°	10	3.0	0.55	266.RL-16..
				.787	*1.378*			*1.969*	*.630*	*2.362*	*.472*	*2°*	*145*			*266.RL-16..*
			C6	25.0	42.0	3	C6-266R/LKF-14070-16	63	20.0	70.0	14.0	1°	10	3.0	0.96	266.LL-16..
				.984	*1.654*			*2.480*	*.787*	*2.756*	*.551*	*1°*	*145*			*266.LL-16..*
			C6	32.0	48.0	3	C6-266R/LKF-17075-16	63	25.0	75.0	17.0	1°	10	3.0	1.02	266.LL-16..
				1.260	*1.890*			*2.480*	*.984*	*2.953*	*.669*	*1°*	*145*			*266.LL-16..*
			C6	40.0	64.0	3	C6-266R/LKF-22090-16	63	32.0	90.0	22.0	1°	10	3.0	1.24	266.LL-16..
				1.575	*2.520*			*2.480*	*1.260*	*3.543*	*.866*	*1°*	*145*			*266.LL-16..*
			C6	50.0	80.0	3	C6-266R/LKF-27105-16	63	40.0	105.0	27.0	1°	10	3.0	1.56	266.LL-16..
				1.969	*3.150*			*2.480*	*1.575*	*4.134*	*1.063*	*1°*	*145*			*266.LL-16..*

For PDX/PDY values, see insert page.

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

R = Right hand, L = Left hand

C4 F2 E3 G2 H27 H37 H5

CoroThread® 266 cutting unit for thread turning

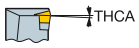
Screw clamp design

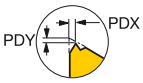
Coromant Capto® - Internal coolant supply

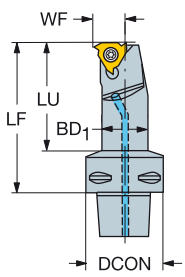


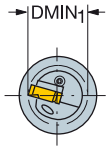


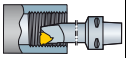
266 R/LL









								Dimensions, mm, inch								
	IC		CZC_{MS}	$DMIN_1$	LU	CNSC	Ordering code	DCON	BD_1	LF	WF	THCA	BAR PSI	NM	KG	MIID
	22	1/2	C4	25.0	42.0	3	C4-266RKF-15065-22	40	20.0	65.0	15.0	2°	10	5.0	0.37	266.RL-22..
				.984	*1.654*			*1.575*	*.787*	*2.559*	*.591*	*2°*	*145*			*266.RL-22..*
			C4	32.0	48.0	3	C4-266RKF-19070-22	40	25.0	70.0	19.0	1°	10	5.0	0.44	266.RL-22..
				1.260	*1.890*			*1.575*	*.984*	*2.756*	*.748*	*1°*	*145*			*266.RL-22..*
			C4	40.0	69.0	3	C4-266RKF-22090-22	40	32.0	90.0	22.0	1°	10	5.0	0.65	266.RL-22..
				1.575	*2.717*			*1.575*	*1.260*	*3.543*	*.866*	*1°*	*145*			*266.RL-22..*
			C4	50.0	60.0	3	C4-266RKF-27080-22	40	39.5	80.0	27.0	1°	10	5.0	0.75	266.RL-22..
				1.969	*2.362*			*1.575*	*1.555*	*3.150*	*1.063*	*1°*	*145*			*266.RL-22..*
			C5	50.0	84.0	3	C5-266R/LKF-27105-22	50	40.0	105.0	26.9	1°	10	5.0	1.19	266.LL-22..
				1.969	*3.307*			*1.969*	*1.575*	*4.134*	*1.059*	*1°*	*145*			*266.LL-22..*
			C5	25.0	41.0	3	C5-266RKF-15065-22	50	20.0	65.0	15.0	2°	10	5.0	0.57	266.RL-22..
				.984	*1.614*			*1.969*	*.787*	*2.559*	*.591*	*2°*	*145*			*266.RL-22..*
			C5	32.0	47.0	3	C5-266RKF-19070-22	50	25.0	70.0	19.0	1°	10	5.0	0.63	266.RL-22..
				1.260	*1.850*			*1.969*	*.984*	*2.756*	*.748*	*1°*	*145*			*266.RL-22..*
			C5	40.0	68.0	3	C5-266RKF-22090-22	50	32.0	90.0	22.0	1°	10	5.0	0.84	266.RL-22..
				1.575	*2.677*			*1.969*	*1.260*	*3.543*	*.866*	*1°*	*145*			*266.RL-22..*
			C6	50.0	80.0	3	C6-266R/LKF-27105-22	63	40.0	105.0	26.9	1°	10	5.0	1.53	266.LL-22..
				1.969	*3.150*			*2.480*	*1.575*	*4.134*	*1.059*	*1°*	*145*			*266.LL-22..*
			C6	32.0	48.0	3	C6-266RKF-19075-22	63	25.0	75.0	19.0	1°	10	5.0	1.01	266.RL-22..
				1.260	*1.890*			*2.480*	*.984*	*2.953*	*.748*	*1°*	*145*			*266.RL-22..*
			C6	40.0	64.0	3	C6-266RKF-22090-22	63	32.0	90.0	22.0	1°	10	5.0	1.21	266.RL-22..
				1.575	*2.520*			*2.480*	*1.260*	*3.543*	*.866*	*1°*	*145*			*266.RL-22..*

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

	Spare parts				
Ordering code	Insert screw	Left hand shim	Right hand shim	Shim screw	Nozzle
C3-266R/LKF-14060-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-01
C4-266R/LKF-12060-16	5513 020-02				5691 034-01
C4-266R/LKF-14060-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-01
C4-266R/LKF-17070-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-01
C4-266RKF-22090-16	5513 020-13		5322 390-11	5512 032-05	5691 034-01
C5-266R/LKF-14060-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5-266R/LKF-17070-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5-266R/LKF-22090-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5-266R/LKF-27105-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5-266R/LKF-12060-16	5513 020-02				5691 034-02
C6-266R/LKF-14070-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C6-266R/LKF-17075-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C6-266R/LKF-22090-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C6-266R/LKF-27105-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C4-266R/LKF-15065-22	5513 020-07				5691 034-01
C4-266RKF-19070-22	5513 020-26		5322 380-11	5512 032-04	5691 034-01
C4-266RKF-22090-22	5513 020-26		5322 380-11	5512 032-04	5691 034-01
C4-266RKF-27080-22	5513 020-26		5322 380-11	5512 032-04	5691 034-01
C5-266R/LKF-27105-22	5513 020-26	5322 379-11	5322 380-11	5512 032-04	5691 034-02
C5-266R/LKF-15065-22	5513 020-07				5691 034-02
C5-266RKF-19070-22	5513 020-26		5322 380-11	5512 032-04	5691 034-02
C5-266RKF-22090-22	5513 020-26		5322 380-11	5512 032-04	5691 034-02
C6-266R/LKF-27105-22	5513 020-26	5322 379-11	5322 380-11	5512 032-04	5691 034-02
C6-266RKF-19075-22	5513 020-26		5322 380-11	5512 032-04	5691 034-02
C6-266RKF-22090-22	5513 020-26		5322 380-11	5512 032-04	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

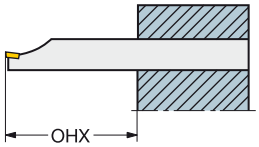
C4 F2 E3 G2 H37 H27 H5

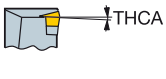
CoroThread® 266 boring bar for thread turning

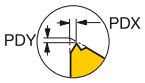
Screw clamp design

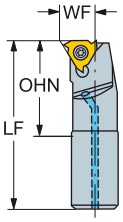
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

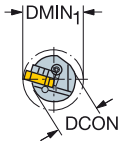








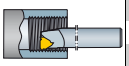




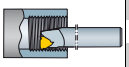


266 R/LL

Metric version

		CZC$_{MS}$	DMIN$_1$	LU	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	THCA	BAR	NM	KG	MIID
	16	16	20.0	48.0	48.0	27.0	1	**266R/LKF-16-16-R**	16	125.0	12.0	2°	10	3.0	0.20	266.LL-16..
		20	25.0	60.0	60.0	28.7	1	**266R/LKF-20-16-R**	20	140.0	14.0	1°	10	3.0	0.34	266.LL-16..
		25	32.0	75.0	75.0	28.8	1	**266R/LKF-25-16-R**	25	180.0	17.0	1°	10	3.0	0.65	266.LL-16..
	22	20	25.0	60.0	60.0	34.2	1	**266R/LKF-20-22-R**	20	140.0	15.0	2°	10	5.0	0.32	266.LL-22..
		25	32.0	75.0	75.0	34.6	1	**266R/LKF-25-22-R**	25	180.0	19.0	1°	10	5.0	0.65	266.LL-22..
	16	16	20.0	96.0	96.0	33.2	1	**266R/LKF-16-16-RE**	16	200.0	12.0	2°	10	3.0	0.53	266.LL-16..

Inch version

		CZC$_{MS}$	DMIN$_1$	LU	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	LF	WF	THCA	PSI	FT/LBS	LBS	MIID
	3/8	5/8	.790	1.875	1.875	1.050	1	**266R/LKF-D10-3-R**	.625	8.000	.472	2°	145	2.2	0.687	266.LL-16..
		3/4	.980	2.250	2.250	1.140	1	**266R/LKF-D12-3-R**	.750	10.000	.551	1°	145	2.2	1.203	266.LL-16..
		1	1.260	3.000	3.000	1.140	1	**266R/LKF-D16-3-R**	1.000	12.000	.669	1°	145	2.2	2.429	266.LL-16..
	1/2	3/4	.984	1.875	2.250	1.346	1	**266R/LKF-D12-4-R**	.750	10.000	.591	2°	145	3.7	1.210	266.LL-22..
		1	1.260	3.000	3.000	1.341	1	**266R/LKF-D16-4-R**	1.000	12.000	.669	1°	145	3.7	2.376	266.LL-22..
	3/8	5/8	.787	3.750	3.750	1.060	1	**266R/LKF-D10-3-RE**	.625	10.000	.472	2°	145	2.2	1.364	266.LL-16..
		3/4	.980	4.500	4.500	1.140	1	**266RKF-D12-3-RE**	.750	10.000	.551	1°	145	2.2	1.749	266.RL-16..

E= Carbide-reinforced boring bar

R = Right hand

Round boring bars can be used with inch or metric outside diameter EasyFix sleeves for secure and accurate clamping

For PDX/PDY values, see insert page.

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Metric version

	Spare parts			
CZC$_{MS}$	Screw	Left hand shim	Right hand shim	Shim screw
16	5513 020-02			
16	20-25 5513 020-13	5322 389-11	5322 390-11	5512 032-05
22	5513 020-07			
22	25 5513 020-26	5322 379-11	5322 380-11	5512 032-04

Inch version

	Spare parts			
CZC$_{MS}$	Screw	Left hand shim	Right hand shim	Shim screw
3/8	5/8 5513 020-02			
3/8	3/4-1 5513 020-13	5322 389-11	5322 390-11	5512 032-05
1/2	3/4 5513 020-07	5322 379-11		
1/2	1 5513 020-26	5322 379-11	5322 380-11	5512 032-04

For the complete list of spare parts, visit www.sandvik.coromant.com

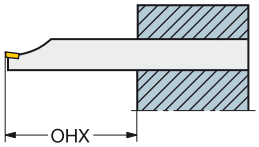
C4 F2 G2 H37 H27 H5

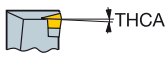
CoroThread® 266 boring bar for thread turning

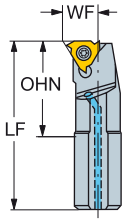
Screw clamp design

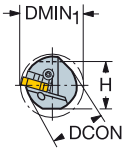
Cylindrical with flats - Internal coolant supply







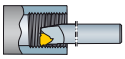






266 R/LL

Metric version

		CZC$_{MS}$	DMIN$_1$	LU	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	BD$_1$	LF	WF	THCA	BAR	NM	KG	MIID
	16	16	20.0	48.0	48.0	27.0	1	**266R/LKF-16-16**	16	15.0	16.0	200.0	12.0	2°	10	3.0	0.30	266.LL-16..
		20	25.0	60.0	60.0	29.0	1	**266R/LKF-20-16**	20	18.0	20.0	250.0	14.0	1°	10	3.0	0.60	266.LL-16..
		25	32.0	75.0	75.0	29.0	1	**266R/LKF-25-16**	25	23.0	25.0	300.0	17.0	1°	10	3.0	0.97	266.LL-16..
		32	40.0	96.0	96.0	30.9	1	**266R/LKF-32-16**	32	30.0	32.0	250.0	22.0	1°	10	3.0	1.43	266.LL-16..
		40	50.0	120.0	120.0	31.5	1	**266R/LKF-40-16**	40	37.0		300.0	27.0	1°	10	3.0	2.59	266.LL-16..
		50	63.0	150.0	150.0	40.2	1	**266R/LKF-50-16**	50	49.0	50.0	350.0	35.0	1°	10	3.0	5.05	266.LL-16..
	22	20	25.0	60.0	60.0	35.0	1	**266R/LKF-20-22**	20	18.0	20.0	250.0	15.0	2°	10	5.0	0.54	266.LL-22..
		25	32.0	75.0	75.0	34.6	1	**266R/LKF-25-22**	25	23.0	25.0	300.0	19.0	1°	10	5.0	0.96	266.LL-22..
		32	40.0	96.0	96.0	37.7	1	**266R/LKF-32-22**	32	30.0	32.0	250.0	21.9	1°	10	5.0	1.43	266.LL-22..
		40	50.0	120.0	120.0	38.2	1	**266R/LKF-40-22**	40	37.0	40.0	300.0	26.9	1°	10	5.0	2.59	266.LL-22..
		50	63.0	150.0	150.0	45.7	1	**266R/LKF-50-22**	50	47.0	50.0	350.0	34.9	1°	10	5.0	5.26	266.LL-22..
	27	40	50.0	120.0	120.0	47.2	1	**266R/LKF-40-27**	40	37.0	40.0	300.0	26.9	1°	10	7.5	2.55	266.LL-27..

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

	Spare parts			
CZC$_{MS}$	Screw	Left hand shim	Right hand shim	Shim screw
16	5513 020-02			
16 20-50	5513 020-13	5322 389-11	5322 390-11	5512 032-05
22	5513 020-07			
22 25-50	5513 020-26	5322 379-11	5322 380-11	5512 032-04
27 40	5513 020-66	5322 387-11	5322 388-11	5512 032-03

For the complete list of spare parts, visit www.sandvik.coromant.com


C4


F2


G2



H37



H27



H5

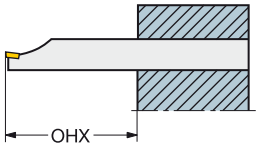
SANDVIK Coromant

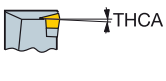
CoroThread® 266 boring bar for thread turning

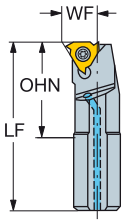
Screw clamp design

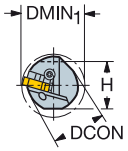
Cylindrical with flats - Internal coolant supply







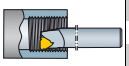






266 R/LL

Inch version

	IC	CZC_{MS}	$DMIN_1$	LU	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	LF	WF	THCA	PSI	FT/LBS	LBS	MIID
	3/8	5/8	.790	1.875	1.875	1.050	1	**266R/LKF-D10-3**	.625	.563	8.000	.472	2°	145	2.2	0.653	266.LL-16..
		3/4	.980	2.250	2.250	1.140	1	**266R/LKF-D12-3**	.750	.709	10.000	.551	1°	145	2.2	1.157	266.LL-16..
		1	1.260	3.000	3.000	1.140	1	**266R/LKF-D16-3**	1.000	.910	12.000	.669	1°	145	2.2	2.266	266.LL-16..
		1 1/4	1.580	3.750	3.750	1.220	1	**266R/LKF-D20-3**	1.250	1.181	14.000	.866	1°	145	2.2	4.536	266.LL-16..
		1 1/2	1.970	4.500	4.500	1.260	1	**266R/LKF-D24-3**	1.500	1.378	15.000	1.063	1°	145	2.2	6.655	266.LL-16..
		2	2.480	6.000	6.000	1.580	1	**266R/LKF-D32-3**	2.000	1.874	16.000	1.378	1°	145	2.2	13.222	266.LL-16..
	1/2	1 1/4	1.580	3.750	3.750	1.742	1	**266R/LKF-D20-4**	1.250	1.181	14.000	.866	1°	145	3.7	4.539	266.LL-22..
		1 1/2	1.970	4.500	4.500	2.012	1	**266R/LKF-D24-4**	1.500	1.378	15.000	1.063	1°	145	3.7	6.578	266.LL-22..
		2	2.480	6.000	6.000	2.059	1	**266R/LKF-D32-4**	2.000	1.874	16.000	1.378	1°	145	3.7	13.075	266.LL-22..

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

		Spare parts			
IC	CZC_{MS}	Screw	Left hand shim	Right hand shim	Shim screw
3/8	5/8	5513 020-02			
3/8	3/4-2	5513 020-13	5322 389-11	5322 390-11	5512 032-05
1/2	1 1/4-2	5513 020-26	5322 379-11	5322 380-11	5512 032-04

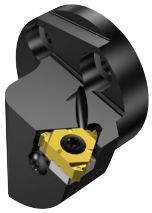
For the complete list of spare parts, visit www.sandvik.coromant.com

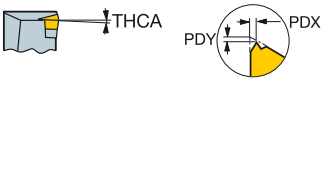
C4 F2 G2 H37 H27 H5

CoroThread® 266 head for thread turning

Screw clamp design

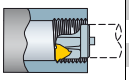
CoroTurn® SL - Internal coolant supply







266 R/LL

	IC		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	THCA	BAR PSI	NM	KG	MIID
	16	3/8	20	25.0	1	**SL-266R/LKF-202514-16**	20	25.0	14.0	1°	10	3.0	0.06	266.LL-16..
				.984			*.787*	*.984*	*.551*	*1°*	*145*			*266.LL-16..*
			25	32.0	1	**SL-266R/LKF-252517-16**	25	25.0	17.0	1°	10	3.0	0.08	266.LL-16..
				1.260			*.984*	*.984*	*.669*	*1°*	*145*			*266.LL-16..*
			32	40.0	1	**SL-266R/LKF-323222-16**	32	32.0	22.0	1°	10	3.0	0.16	266.LL-16..
				1.575			*1.260*	*1.260*	*.866*	*1°*	*145*			*266.LL-16..*
			40	50.0	1	**SL-266R/LKF-403227-16**	40	32.0	27.0	1°	10	3.0	0.22	266.LL-16..
				1.969			*1.575*	*1.260*	*1.063*	*1°*	*145*			*266.LL-16..*
	22	1/2	25	32.0	1	**SL-266R/LKF-252819-22**	25	28.0	19.0	1°	10	5.0	0.09	266.LL-22..
				1.260			*.984*	*1.102*	*.748*	*1°*	*145*			*266.LL-22..*
			32	40.0	1	**SL-266R/LKF-323222-22**	32	32.0	21.9	1°	10	5.0	0.13	266.LL-22..
				1.575			*1.260*	*1.260*	*.862*	*1°*	*145*			*266.LL-22..*
			40	50.0	1	**SL-266R/LKF-403227-22**	40	32.0	26.9	1°	10	5.0	0.20	266.LL-22..
				1.969			*1.575*	*1.260*	*1.059*	*1°*	*145*			*266.LL-22..*
	27	5/8	40	50.0	1	**SL-266R/LKF-403627-27**	40	36.0	26.9	1°	10	7.5	0.23	266.LL-27..
				1.969			*1.575*	*1.417*	*1.059*	*1°*	*145*			*266.LL-27..*

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

			Spare parts			
	IC	CZC_{MS}	Screw	Left hand shim	Right hand shim	Shim screw
16	3/8	20	5513 020-02			
16	3/8	25-40	5513 020-13	5322 389-11	5322 390-11	5512 032-05
22	1/2	25	5513 020-07			
22	1/2	32-40	5513 020-26	5322 379-11	5322 380-11	5512 032-04
27	5/8	40	5513 020-66	5322 387-11	5322 388-11	5512 032-03

For the complete list of spare parts, visit www.sandvik.coromant.com

C4 F2 H37 H27 H5 H2

SANDVIK Coromant

CoroThread® 266 head for thread turning

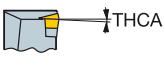
Screw clamp design

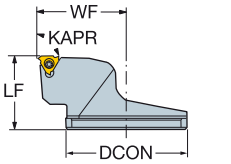
CoroTurn® SL quick change

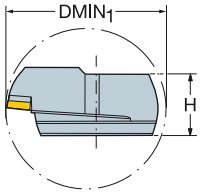


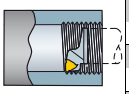


266 R/LL







	IC	CZC$_{MS}$	DMIN$_1$	Ordering code	Dimensions, mm, inch DCON	H	LF	WF	THCA	NM	KG	MIID
	16 3/8	80	100.0	**SL-266RKF-80-16-QC**	80	37.5	45.0	58.5	1°	3.0	0.58	266.RL-16..
			3.937		*3.150*	*1.476*	*1.772*	*2.303*	*1°*			*266.RL-16..*
	22 1/2	80	100.0	**SL-266RKF-80-22-QC**	80	37.5	45.0	58.5	1°	5.0	0.56	266.RL-22..
			3.937		*3.150*	*1.476*	*1.772*	*2.303*	*1°*			*266.RL-22..*
	27 5/8	80	100.0	**SL-266RKF-80-27-QC**	80	37.5	45.0	58.5	1°	7.5	0.55	266.RL-27..
			3.937		*3.150*	*1.476*	*1.772*	*2.303*	*1°*			*266.RL-27..*

For PDX/PDY values, see insert page.

R = Right hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

		Spare parts		
IC	CZC$_{MS}$	Screw	Right hand shim	Shim screw
16 3/8	80	5513 020-13	5322 390-11	5512 032-05
22 1/2	80	5513 020-26	5322 380-11	5512 032-04
27 5/8	80	5513 020-66	5322 388-11	5512 032-03

For the complete list of spare parts, visit www.sandvik.coromant.com

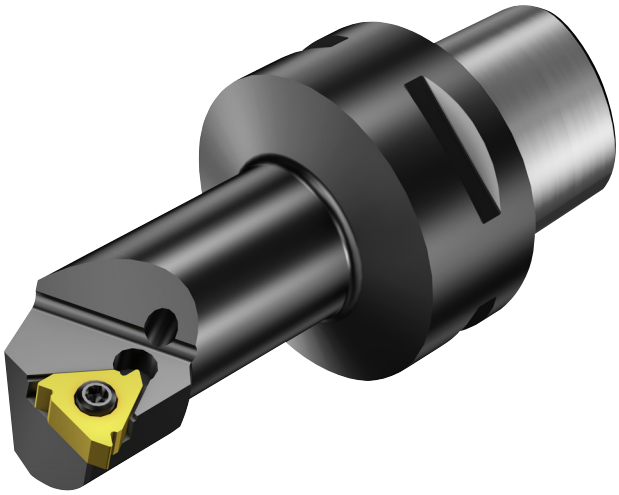
C4 F2 H37 H27 H2

T-Max® U-Lock

Internal threading

Application

- Internal threading



ISO application area:

P M K N S O

Benefits and features

- Indexable inserts
- Three sharp cutting edges for high-quality threads

T-Max® U-Lock is a complement to the CoroThread® 266 rigid indexable insert threading system. It provides a specialized solution for 11 mm (.433 inch) internal threading applications in two different geometries: all-round and sharp.

www.sandvik.coromant.com/tmaxulock

Inserts

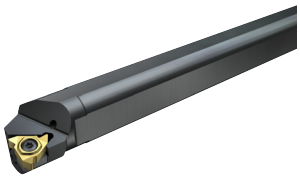
- Metric 60°
- UN 60°
- WhitWorth 55°
- NPT 60°

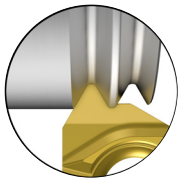
Inserts

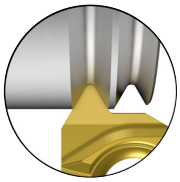
- V-profile 60° and 55°

Tools

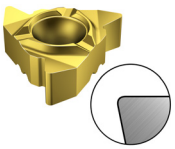
- Coromant Capto® cutting units
- Boring bars
- CoroTurn® SL heads



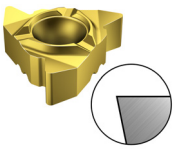




- Insert geometries and grades for all materials
- Tailor Made inserts for almost any thread form or pitch

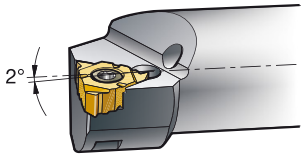


Standard geometry



Sharp F-geometry

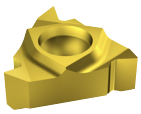
The tool holders for inserts with size 11 are made for a 2° inclination angle and no shim

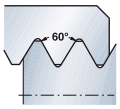


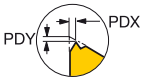
C67 C73 H28

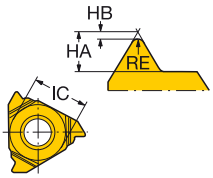
T-Max® U-Lock insert for thread turning

V-profile 60° Non-topping









Internal right-hand threads

IC	TPN	TPX	TPIN	TPIX	NT	Ordering code	P 1020	P 4125	M 1020	M 4125	K 1020	K 4125	N 1020	N 4125	S 1020	S 4125	O 1020	Dimensions, mm, inch RE	HA	HB	PDX	PDY
11	1/4	1.0	2.0	12.0	24.0	1	R166.0L-11VM01-001	★	☆	★	☆	★	☆	★	☆	★	☆	☆	0.06	1.45	0.06	0.90	0.68
																		.002	.0571	.0024	.035	.027
		1.0	2.0	12.0	24.0	1	R166.0L-11VM01C001	★		★		★		★		★		☆	0.06	1.45	0.06	0.90	0.68
																		.002	.0571	.0024	.035	.027

Internal left-hand threads

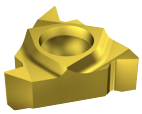
IC	TPN	TPX	TPIN	TPIX	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	Dimensions, mm, inch RE	HA	HB	PDX	PDY
11	1/4	1.0	2.0	12.0	24.0	1	L166.0L-11VM01-001	★	★	★	★	★	0.06	1.45	0.06	0.90	0.06
												.002	.0571	.0024	.035	.002

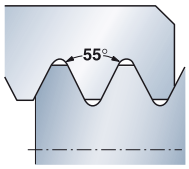
R = Right hand, L = Left hand

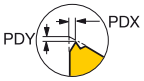
C73 C96 C113 H37 H28

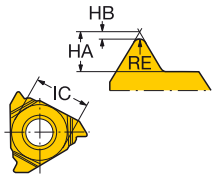
T-Max® U-Lock insert for thread turning

V-profile 55° Non-topping









Internal right-hand threads

IC	TPIN	TPIX	NT	Ordering code	P 1020	P 4125	M 1020	M 4125	K 1020	K 4125	N 1020	N 4125	S 1020	S 4125	O 1020	RE	HA	HB	PDX	PDY
11	1/4	14.0	28.0	1	R166.0L-11VW01-001	★	☆	★	☆	★	☆	★	☆	★	☆	☆	0.11	1.60	0.12	0.95	0.68
																	.004	.0630	.0047	.037	.027

Internal left-hand threads

IC	TPIN	TPIX	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	RE	HA	HB	PDX	PDY
11	1/4	14.0	28.0	1	L166.0L-11VW01-001	★	★	★	★	★	0.11	1.60	0.12	0.95	0.12
										.004	.0630	.0047	.037	.005

Dimensions, mm, inch

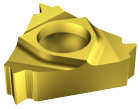
R = Right hand, L = Left hand

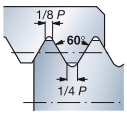
C73 C96 C113 H37 H28

SANDVIK Coromant

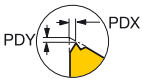
T-Max® U-Lock insert for thread turning

Metric 60° Topping

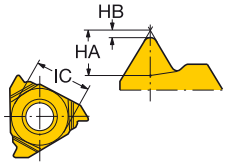




STDNO
TCTR



ISO 965-1998
6



Internal right-hand threads

IC	TP	NT	Ordering code	P 1020	P 4125	M 1020	M 4125	K 1020	K 4125	N 1020	N 4125	S 1020	S 4125	Dimensions, mm, inch HA	HB	PDX	PDY
11	1/4	0.50	1	R166.0L-11MM01-050	★		★		★		★		★		0.32	0.03	0.50	0.68
		.020													.0126	.0012	.020	.027
		0.75	1	R166.0L-11MM01-075	★		★		★		★		★		0.47	0.04	0.60	0.68
		.030													.0185	.0016	.024	.027
		1.00	1	R166.0L-11MM01-100	★	☆	★	☆	★	☆	★	☆	★	☆	0.64	0.06	0.80	0.68
		.039													.0252	.0024	.031	.027
		1.25	1	R166.0L-11MM01-125	★		★		★		★		★		0.79	0.07	0.80	0.68
		.049													.0311	.0028	.031	.027
		1.50	1	R166.0L-11MM01-150	★	☆	★	☆	★	☆	★	☆	★	☆	0.96	0.09	1.10	0.68
		.059													.0378	.0035	.043	.027
		1.75	1	R166.0L-11MM01-175	★		★		★		★		★		1.11	0.11	1.05	0.68
		.069													.0437	.0043	.041	.027
		2.00	1	R166.0L-11MM01-200	★	☆	★	☆	★	☆	★	☆	★	☆	1.27	0.12	0.92	0.58
		.079													.0500	.0047	.036	.023

Internal left-hand threads

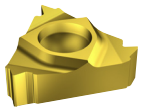
IC	TP	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	Dimensions, mm, inch HA	HB	PDX	PDY
11	1/4	0.50	1	L166.0L-11MM01-050	★	★	★	★	★	0.32	0.03	0.50	0.68
		.020								.0126	.0012	.020	.027
		0.75	1	L166.0L-11MM01-075	★	★	★	★	★	0.47	0.04	0.60	0.68
		.030								.0185	.0016	.024	.027
		1.00	1	L166.0L-11MM01-100	★	★	★	★	★	0.64	0.06	0.85	0.68
		.039								.0252	.0024	.033	.027
		1.25	1	L166.0L-11MM01-125	★	★	★	★	★	0.79	0.07	0.90	0.68
		.049								.0311	.0028	.035	.027
		1.50	1	L166.0L-11MM01-150	★	★	★	★	★	0.96	0.09	1.00	0.68
		.059								.0378	.0035	.039	.027
		1.75	1	L166.0L-11MM01-175	★	★	★	★	★	1.11	0.11	1.05	0.68
		.069								.0437	.0043	.041	.027
		2.00	1	L166.0L-11MM01-200	★	★	★	★	★	1.27	0.12	0.92	0.58
		.079								.0500	.0047	.036	.023

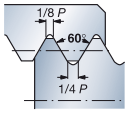
R = Right hand, L = Left hand

C73 C96 C113 H37 H28

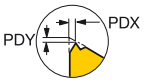
T-Max® U-Lock insert for thread turning

UN 60° Full form

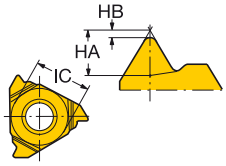




STDNO
TCTR



ISO 5864-1978
2B



Internal right-hand threads

IC	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	Dimensions, mm, inch HA	HB	PDX	PDY
11	1/4	32.0	1	R166.0L-11UN01-320	★	★	★	★	★	0.50	0.04	0.60	0.68
										.0197	.0016	.024	.027
		28.0	1	R166.0L-11UN01-280	★	★	★	★	★	0.58	0.05	0.80	0.68
										.0228	.0020	.031	.027
		24.0	1	R166.0L-11UN01-240	★	★	★	★	★	0.67	0.06	0.85	0.68
										.0264	.0024	.033	.027
		20.0	1	R166.0L-11UN01-200	★	★	★	★	★	0.80	0.07	0.90	0.68
										.0315	.0028	.035	.027
		18.0	1	R166.0L-11UN01-180	★	★	★	★	★	0.89	0.08	1.00	0.68
										.0350	.0032	.039	.027
		16.0	1	R166.0L-11UN01-160	★	★	★	★	★	1.00	0.09	1.00	0.68
										.0394	.0035	.039	.027
		14.0	1	R166.0L-11UN01-140	★	★	★	★	★	1.13	0.11	1.05	0.68
										.0445	.0043	.041	.027

Internal left-hand threads

IC	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	Dimensions, mm, inch HA	HB	PDX	PDY
11	1/4	32.0	1	L166.0L-11UN01-320	★	★	★	★	★	0.50	0.04	0.60	0.68
										.0197	.0016	.024	.027
		28.0	1	L166.0L-11UN01-280	★	★	★	★	★	0.58	0.05	0.80	0.68
										.0228	.0020	.031	.027
		24.0	1	L166.0L-11UN01-240	★	★	★	★	★	0.67	0.06	0.85	0.68
										.0264	.0024	.033	.027
		20.0	1	L166.0L-11UN01-200	★	★	★	★	★	0.80	0.07	0.90	0.68
										.0315	.0028	.035	.027
		18.0	1	L166.0L-11UN01-180	★	★	★	★	★	0.89	0.08	1.00	0.68
										.0350	.0032	.039	.027
		16.0	1	L166.0L-11UN01-160	★	★	★	★	★	1.00	0.09	1.00	0.68
										.0394	.0035	.039	.027
		14.0	1	L166.0L-11UN01-140	★	★	★	★	★	1.13	0.11	1.05	0.68
										.0445	.0043	.041	.027

R = Right hand, L = Left hand

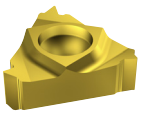
C73 C96 C113 H37 H28

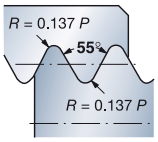
SANDVIK Coromant

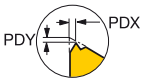
T-Max® U-Lock insert for thread turning

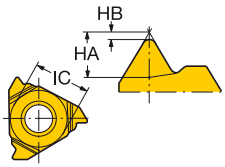
Whitworth 55° (BSW, BSF, BSP) Topping

STDNO	ISO 228-1982
STDNO	BS 2779-1973
STDNO	BS-84-1956
TCTR	A









Internal right-hand threads

IC	TPI	NT	Ordering code	P 1020	P 4125	M 1020	M 4125	K 1020	K 4125	N 1020	N 4125	S 1020	S 4125	Dimensions, mm, inch HA	HB	PDX	PDY
11	1/4	20.0	1	R166.0L-11WH01-200	★		★		★		★		★		0.99	0.17	0.90	0.68
															.0390	.0067	.035	.027
		19.0	1	R166.0L-11WH01-190	★	☆	★	☆	★	☆	★	☆	★	☆	1.05	0.18	0.90	0.68
															.0413	.0071	.035	.027
		14.0	1	R166.0L-11WH01-140	★	☆	★	☆	★	☆	★	☆	★	☆	1.43	0.25	1.05	0.68
															.0563	.0098	.041	.027

Internal left-hand threads

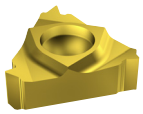
IC	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	Dimensions, mm, inch HA	HB	PDX	PDY
11	1/4	20.0	1	L166.0L-11WH01-200	★	★	★	★	★	0.99	0.17	0.90	0.68
										.0390	.0067	.035	.027
		19.0	1	L166.0L-11WH01-190	★	★	★	★	★	1.05	0.18	0.90	0.68
										.0413	.0071	.035	.027
		14.0	1	L166.0L-11WH01-140	★	★	★	★	★	1.43	0.25	1.05	0.68
										.0563	.0098	.041	.027

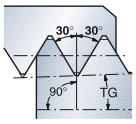
R = Right hand, L = Left hand

C73 C96 C113 H37 H28

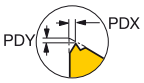
T-Max® U-Lock insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

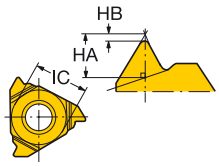




STDNO



ANSI B.1.20.1-1983



Internal right-hand threads

IC	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	HA	HB	PDX	PDY	TG
11	1/4	18.0	1	R166.0L-11NT01F180	★	★	★	★	★	1.14	0.08	0.85	0.67	0.06
										.0449	.0032	.033	.026	
		14.0	1	R166.0L-11NT01F140	★	★	★	★	★	1.46	0.09	0.95	0.67	0.06
										.0575	.0035	.037	.026	

Dimensions, mm, inch

The insert can give a slightly bigger truncation for LINE PIPE 14 TPI

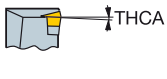
R = Right hand

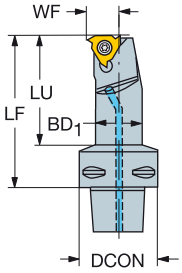
T-Max® U-Lock cutting unit for thread turning

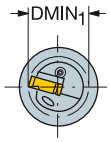
Screw clamp design

Coromant Capto® - Internal coolant supply



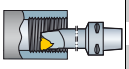
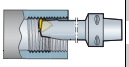








166.0L

	IC		CZC_{MS}	$DMIN_1$	LU	CNSC	Ordering code	DCON	BD_1	LF	WF	THCA	BAR PSI	NM	KG	MIID
								Dimensions, mm, inch								
	11	1/4	C3	20.0	33.0	3	C3-R/L166.0KF-12050-11	32	16.0	50.0	12.0	1°	10	0.9	0.19	L166.0L-11..
				.787	*1.299*			*1.260*	*.630*	*1.969*	*.472*	*1°*	*145*			*L166.0L-11..*
			C4	20.0	37.0	3	C4-R/L166.0KF-12060-11	40	16.0	60.0	12.0	1°	10	0.9	0.34	L166.0L-11..
				.787	*1.457*			*1.575*	*.630*	*2.362*	*.472*	*1°*	*145*			*L166.0L-11..*
	11	1/4	C3	20.0	33.0	3	C3-R166.0KFZ12050-11	32	16.0	50.0	12.0	1°	10	0.9	0.19	R166.0L-11..
				.787	*1.299*			*1.260*	*.630*	*1.969*	*.472*	*1°*	*145*			*R166.0L-11..*
			C4	20.0	37.0	3	C4-R166.0KFZ12060-11	40	16.0	60.0	12.0	1°	10	0.9	0.34	R166.0L-11..
				.787	*1.457*			*1.575*	*.630*	*2.362*	*.472*	*1°*	*145*			*R166.0L-11..*

Z = For upside down mounting

R = Right hand, L = Left hand

For PDX/PDY values, see insert page.

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Spare parts	
Insert screw	
5513 020-03	

For the complete list of spare parts, visit www.sandvik.coromant.com

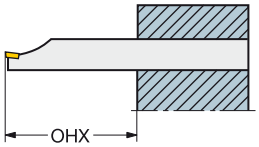
C4 F2 E3 G2 H37 H5

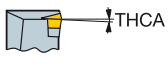
T-Max® U-Lock solid carbide boring bar for thread turning

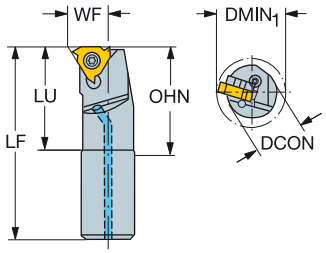
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply











166.0L

Metric version

	IC	CZC$_{MS}$	DMIN$_1$	LU	OHX	OHN	CNSC	Ordering code	DCON	LF	WF	THCA	BAR	NM	KG	MIID
	11	10	12.0	60.0	60.0	21.0	1	R166.0KF-10E-11	10	150.0	7.2	2°	10	0.9	0.15	R166.0L-11..
		12	16.0	72.0	72.0	25.0	1	R166.0KF-12E-11	12	180.0	9.0	2°	10	0.9	0.25	R166.0L-11..

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	LU	OHX	OHN	Ordering code	DCON	H	LF	WF	THCA	FT/LBS	LBS	MIID
	1/4	3/8	.500	2.250	2.250	.880	R/L166.0KF-D06C-2C	.375	.359	6.000	.295	2°	0.7	0.286	L166.0L-11..
		1/2	.630	3.000	3.000	.930	R/L166.0KF-D08C-2C	.500	.484	8.000	.354	2°	0.7	0.660	L166.0L-11..

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

C4 F2 G2 H37 H5

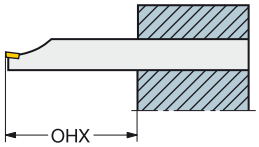
SANDVIK Coromant

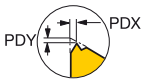
T-Max® U-Lock solid carbide boring bar for thread turning

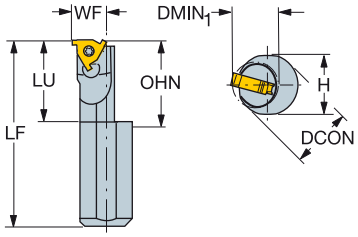
Screw clamp design

Cylindrical with flats





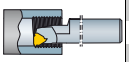




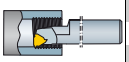


166.0L

Metric version

	IC	CZC$_{MS}$	DMIN$_1$	LU	OHX	OHN	Ordering code	DCON	H	BD$_1$	LF	WF	THCA	NM	KG	MIID
								Dimensions, mm								
	11	16	12.0	20.9	48.0	20.9	**R/L166.0KF-16-1220-11B**	16	15.0	12.0	125.0	10.0	2°	0.9	0.19	L166.0L-11..
		16	16.0	25.9	48.0	25.9	**R/L166.0KF-16-1625-11B**	16	15.0	16.0	150.0	10.5	2°	0.9	0.23	L166.0L-11..

Inch version

	IC	CZC$_{MS}$	DMIN$_1$	LU	OHX	OHN	Ordering code	DCON	H	LF	WF	THCA	FT/LBS	LBS	MIID
								Dimensions, inch							
	1/4	5/8	.500	.819	1.875	.820	**R/L166.0KF-D10-D0812-2B**	.625	.570	5.000	.394	2°	0.7	0.409	L166.0L-11..
		5/8	.630	1.028	1.875	1.030	**R166.0KF-D10-D1016-2B**	.625	.563	6.000	.413	2°	0.7	0.396	R166.0L-11..

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Spare parts
Insert screw
5513 020-03

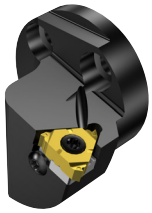
For the complete list of spare parts, visit www.sandvik.coromant.com

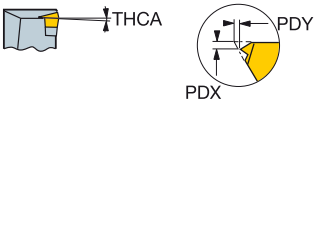
C4 F2 G2 H37

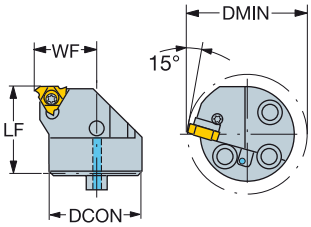
T-Max® U-Lock head for thread turning

Screw clamp design

CoroTurn® SL - Internal coolant supply

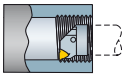








166.0L

	IC		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	THCA	BAR PSI	NM	KG	MIID
	11	1/4	16	20.0	1	R/L566.0KFC-162012-11	16	20.0	12.0	1°	10	0.9	0.03	L166.0L-11..
				.787			*.630*	*.787*	*.472*	*1°*	*145*			*L166.0L-11..*
			20	25.0	1	R/L566.0KFC-202014-11	20	20.0	14.0	1°	10	0.9	0.04	L166.0L-11..
				.984			*.787*	*.787*	*.551*	*1°*	*145*			*L166.0L-11..*

For PDX/PDY values, see insert page.

R = Right hand, L = Left han

For infeed recommendations, see page C102.

Angle of inclination (THCA) with different shims, see page C100.

Spare parts	
Insert screw	
5513 020-03	

For the complete list of spare parts, visit www.sandvik.coromant.com

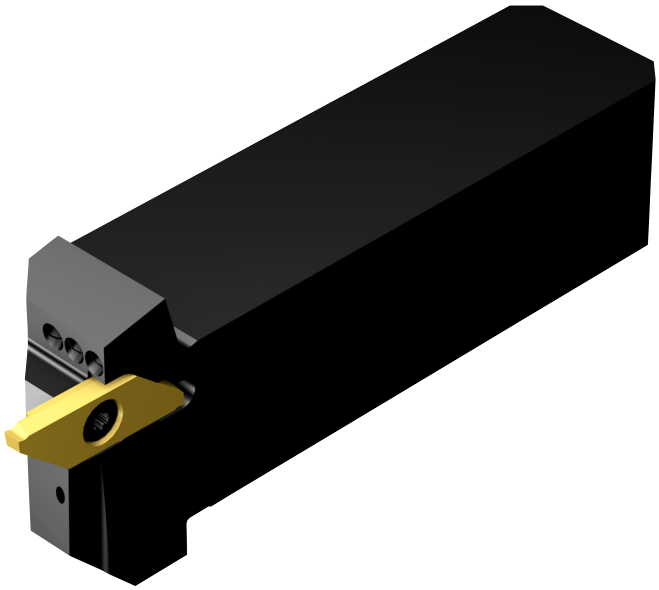
C4 F2 H37 H5 H2

CoroCut® XS

For external machining of small and slender components

Application

- Parting off
- External threading
- External grooving
- Turning



ISO application area:

P M K N S O

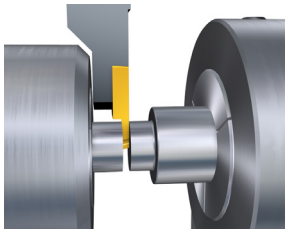
Benefits and features

- High precision
- Close tolerances
- Good accessibility when changing inserts
- Wide variety of insert widths
- Sharp cutting edges
- All inserts fit into the same tool holder
- High-quality ground inserts and holders
- Full profile inserts for high-quality threads in one operation
- Designed to keep the tool holder intact in case of insert breakage.
- Available with precision coolant

www.sandvik.coromant.com/corocutxs

Holders

Dedicated holders for parting off close to sub spindle are available in high-precision square shank style.



Inserts

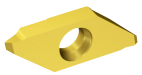
Turning	Back turning	Parting off	Grooving	Profiling	Threading
A333	A333	B111	B113	B113	C78

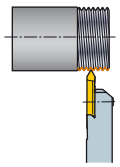
Tools

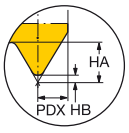
QS™ shank tools	CoroTurn® SL cutting head
B114	B115

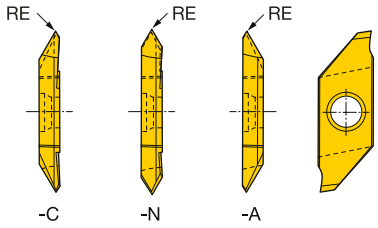
CoroCut® XS insert for thread turning

V-profile 60° Non-topping









External right-hand threads

SSC	TPN	TPX	TPIN	TPIX	NT	Ordering code	P 1025	P 1105	M 1025	M 1105	K 1025	K 1105	N 1025	N 1105	N H13A	S 1025	S 1105	S H13A	O 1025	O 1105	O H13A	Dimensions, mm, inch RE	HA	HB	PDX
3	0.4	1.0	24.0	72.0	1	MATR 3 60-A	★	☆	☆	★	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	0.05	0.75	0.05	0.60
																						.002	.0295	.0020	.024
	0.4	1.0	24.0	72.0	1	MATR 3 60-C	★	☆	☆	★	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	0.05	0.75	0.05	0.60
																						.002	.0295	.0020	.024
	0.4	2.0	12.0	72.0	1	MATR 3 60-N	★	☆	☆	★	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	0.05	1.50	0.05	1.59
																						.002	.0591	.0020	.063

External left-hand threads

SSC	TPN	TPX	TPIN	TPIX	NT	Ordering code	P 1025	P 1105	M 1025	M 1105	K 1025	K 1105	N 1025	N 1105	N H13A	S 1025	S 1105	S H13A	O 1025	O 1105	O H13A	Dimensions, mm, inch RE	HA	HB	PDX
3	0.4	1.0	24.0	72.0	1	MATL 3 60-A	★	☆	☆	★	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	0.05	0.75	0.05	0.60
																						.002	.0295	.0020	.024
	0.4	1.0	24.0	72.0	1	MATL 3 60-C	★	☆	☆	★	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	0.05	0.75	0.05	0.60
																						.002	.0295	.0020	.024
	0.4	2.0	12.0	72.0	1	MATL 3 60-N	★	☆	☆	★	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	0.05	1.50	0.05	1.59
																						.002	.0591	.0020	.063

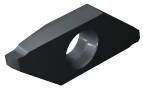
SSC = To correspond with SSC on holder.

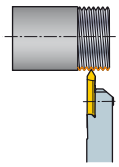
R = Right hand, L = Left hand

B114 B172 C113 H37 H24

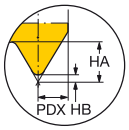
CoroCut® XS insert for thread turning

Metric 60° full form

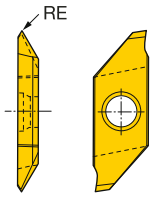




STDNO
TCTR



ISO 965-1998
6



External right-hand threads

SSC	TP	NT	Ordering code	P 1105	M 1105	K 1105	N 1105	S 1105	O 1105	Dimensions, mm, inch RE	HA	HB	PDX
3	0.20	1	MATR 3-MM01F-020-A	★	★	★	★	★	★	0.03	0.14	0.02	0.23
	.008									.001	.0055	.0008	.009
	0.25	1	MATR 3-MM01F-025-A	★	★	★	★	★	★	0.04	0.18	0.03	0.28
	.010									.002	.0071	.0012	.011
	0.30	1	MATR 3-MM01F-030-A	★	★	★	★	★	★	0.04	0.22	0.03	0.28
	.012									.002	.0087	.0012	.011
	0.35	1	MATR 3-MM01F-035-A	★	★	★	★	★	★	0.05	0.25	0.04	0.32
	.014									.002	.0098	.0016	.013
	0.40	1	MATR 3-MM01F-040-A	★	★	★	★	★	★	0.06	0.29	0.04	0.38
	.016									.002	.0114	.0016	.015
	0.45	1	MATR 3-MM01F-045-A	★	★	★	★	★	★	0.06	0.32	0.05	0.38
	.018									.002	.0126	.0020	.015
	0.50	1	MATR 3-MM01F-050-A	★	★	★	★	★	★	0.07	0.36	0.05	0.48
	.020									.003	.0142	.0020	.019
	0.70	1	MATR 3-MM01F-070-A	★	★	★	★	★	★	0.10	0.51	0.08	0.38
	.028									.004	.0201	.0032	.015
	0.75	1	MATR 3-MM01F-075-A	★	★	★	★	★	★	0.11	0.54	0.08	0.38
	.030									.004	.0213	.0032	.015
	0.80	1	MATR 3-MM01F-080-A	★	★	★	★	★	★	0.11	0.58	0.09	0.38
	.031									.004	.0228	.0035	.015
	1.00	1	MATR 3-MM01F-100-A	★	★	★	★	★	★	0.12	0.72	0.11	0.38
	.039									.005	.0283	.0043	.015
	1.25	1	MATR 3-MM01F-125-A	★	★	★	★	★	★	0.15	0.90	0.14	0.38
	.049									.006	.0354	.0055	.015
	1.50	1	MATR 3-MM01F-150-A	★	★	★	★	★	★	0.22	1.08	0.16	0.38
	.059									.009	.0425	.0063	.015

External left-hand threads

SSC	TP	NT	Ordering code	P 1105	M 1105	K 1105	N 1105	S 1105	O 1105	Dimensions, mm, inch RE	HA	HB	PDX
3	0.40	1	MATL 3-MM01F-040-A	★	★	★	★	★	★	0.06	0.29	0.04	0.38
	.016									.002	.0114	.0016	.015
	0.50	1	MATL 3-MM01F-050-A	★	★	★	★	★	★	0.07	0.36	0.05	0.38
	.020									.003	.0142	.0020	.015
	0.70	1	MATL 3-MM01F-070-A	★	★	★	★	★	★	0.10	0.51	0.08	0.38
	.028									.004	.0201	.0032	.015
	0.75	1	MATL 3-MM01F-075-A	★	★	★	★	★	★	0.11	0.54	0.08	0.38
	.030									.004	.0213	.0032	.015
	0.80	1	MATL 3-MM01F-080-A	★	★	★	★	★	★	0.11	0.58	0.09	0.38
	.031									.004	.0228	.0035	.015
	1.00	1	MATL 3-MM01F-100-A	★	★	★	★	★	★	0.12	0.72	0.11	0.38
	.039									.005	.0283	.0043	.015
	1.25	1	MATL 3-MM01F-125-A	★	★	★	★	★	★	0.15	0.90	0.14	0.38
	.049									.006	.0354	.0055	.015
	1.50	1	MATL 3-MM01F-150-A	★	★	★	★	★	★	0.22	1.08	0.16	0.38
	.059									.009	.0425	.0063	.015

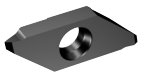
SSC = To correspond with SSC on holder.

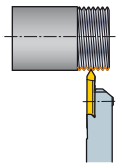
R = Right hand, L = Left hand

B114 B172 C113 H37 H24

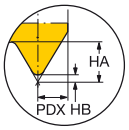
CoroCut® XS insert for thread turning

UN 60° Topping

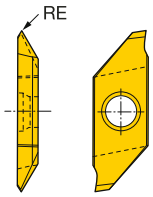




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ISO 5864-1978
2A

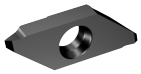


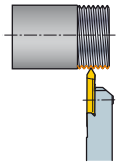
External right-hand threads

SSC	TPI	NT	Ordering code	P 1105	M 1105	K 1105	N 1105	S 1105	O 1105	Dimensions, mm, inch RE	HA	HB	PDX
3	80.0	1	MATR 3-UN01F-800-A	★	★	★	★	★	★	0.04	0.22	0.04	0.38
										.002	.0087	.0016	.015
	72.0	1	MATR 3-UN01F-720-A	★	★	★	★	★	★	0.05	0.27	0.05	0.38
										.002	.0106	.0020	.015
	64.0	1	MATR 3-UN01F-640-A	★	★	★	★	★	★	0.06	0.31	0.06	0.38
										.002	.0122	.0024	.015
	56.0	1	MATR 3-UN01F-560-A	★	★	★	★	★	★	0.06	0.35	0.06	0.38
										.002	.0138	.0024	.015
	48.0	1	MATR 3-UN01F-480-A	★	★	★	★	★	★	0.07	0.38	0.07	0.38
										.003	.0150	.0028	.015
	40.0	1	MATR 3-UN01F-400-A	★	★	★	★	★	★	0.09	0.51	0.09	0.38
										.004	.0201	.0035	.015
	32.0	1	MATR 3-UN01F-320-A	★	★	★	★	★	★	0.10	0.59	0.10	0.38
										.004	.0232	.0039	.015

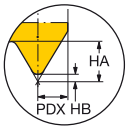
R = Right hand

Whitworth 55° (BSW, BSF, BSP) Topping

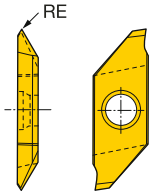




STDNO
STDNO
STDNO
TCTR



ISO 228-1982
BS-2779-1973
BS 84-1955
A



External right-hand threads

SSC	TPI	NT	Ordering code	P 1105	M 1105	K 1105	N 1105	S 1105	O 1105	Dimensions, mm, inch RE	HA	HB	PDX
3	28.0	1	MATR 3-WH01F-280-A	★	★	★	★	★	★	0.13	0.72	0.13	0.38
										.005	.0283	.0051	.015
	19.0	1	MATR 3-WH01F-190-A	★	★	★	★	★	★	0.19	1.06	0.19	0.38
										.007	.0417	.0075	.015

SSC = To correspond with SSC on holder.

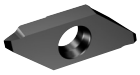
R = Right hand

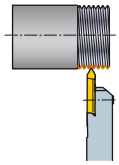
B114 B172 C113 H37 H24

SANDVIK Coromant

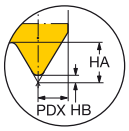
CoroCut® XS insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

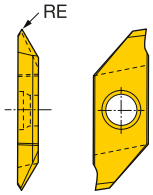




STDNO



ANSI B.1.20.1-1983



External right-hand threads

SSC	TPI	NT	Ordering code	P 1105	M 1105	K 1105	N 1105	S 1105	O 1105	Dimensions, mm, inch RE	HA	HB	PDX
3	27.0	1	MATR 3-NT01F-270-A	★	★	★	★	★	★	0.05	0.76	0.05	0.38
										.002	.0299	.0020	.015
	18.0	1	MATR 3-NT01F-180-A	★	★	★	★	★	★	0.08	1.14	0.08	0.38
										.003	.0449	.0032	.015
	14.0	1	MATR 3-NT01F-140-A	★	★	★	★	★	★	0.09	1.46	0.09	0.38
										.004	.0575	.0035	.015

SSC = To correspond with SSC on holder.

R = Right hand

B114 B172 C113 H37 H24

CoroTurn® XS

Internal turning, face grooving, and threading of small components

Application

- Internal turning
- Copying
- Back boring
- Profiling
- Grooving
- Face grooving
- Pre-parting
- Threading



ISO application area:

P M N S H

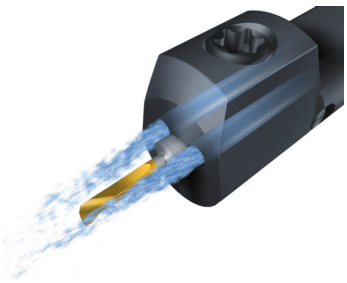
Benefits and features

- Optimized for machining small, high-quality features
- High precision and repeatability
- Reliable and easy-to-use clamping system
- Precision-ground tools for high repeatability
- Longer tool life by minimized micro-vibrations with cylindrical carbide shank adapters
- Clamping nut ensures easy change of cutting tool with cylindrical carbide shank adapters

www.sandvik.coromant.com/coroturnxs

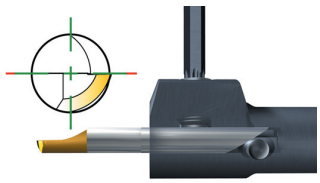
Internal coolant

- The adapters are designed with internal precision coolant supply.
- Selectable coolant direction for better chip evacuation and safe machining.



Locking precision

Precise location into the boring bar due to a locating pin.



Inserts

Turning	Back boring	Pre-parting	Grooving	Face grooving	Profiling	Threading
A325	A331	B146	B147	B152	B154	C83

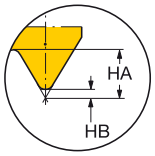
Adapters

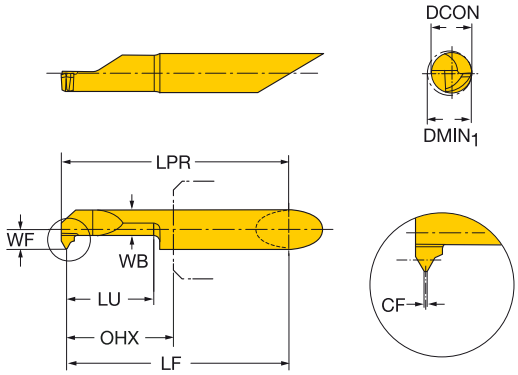
Coromant Capto®	Rectangular shank	Cylindrical shank with flat
F28	F38	F46

CoroTurn® XS solid-carbide tool for thread turning

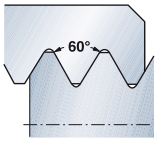
V-profile 60° Non-topping



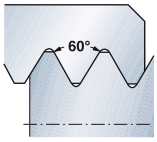




Internal right-hand threads

	CZC$_{MS}$	TPN	TPX	TPIN	TPIX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	Dimensions, mm, inch DCON	WB	CF	LPR	LF	WF	HA	HB
	4	0.50	0.70	48.0	56.0	4.2	15.0	17.6	CXS-04TH050VM-4215R	★	★	★	★		4	3.0	0.1	32.7	32.3	2.0	0.5	0.1
		.020	*.028*			*.165*	*.591*	*.693*							*.157*	*.116*	*.002*	*1.287*	*1.272*	*.077*	*.018*	*.002*
	5	0.50	0.75	48.0	56.0	5.2	15.0	17.6	CXS-05TH050VM-5215R	★	★	★	★		5	3.8	0.1	37.7	37.3	2.5	0.5	0.1
		.020	*.030*			*.205*	*.591*	*.692*							*.197*	*.148*	*.002*	*1.485*	*1.469*	*.096*	*.019*	*.002*
	5	0.70	1.00	48.0	56.0	5.1	15.0	17.6	CXS-05TH070VM-5115R	★	★	★	★		5	3.7	0.1	37.8	37.3	2.4	0.7	0.1
		.028	*.039*			*.201*	*.591*	*.691*							*.197*	*.144*	*.004*	*1.486*	*1.469*	*.093*	*.026*	*.003*
	5	1.00	1.25	36.0	40.0	4.8	15.0	17.5	CXS-05TH100VM-4815R	★	★	★	★		5	3.6	0.1	37.9	37.3	2.3	0.8	0.1
		.039	*.049*			*.189*	*.591*	*.687*							*.197*	*.140*	*.005*	*1.490*	*1.469*	*.089*	*.031*	*.004*
	6	1.00	1.25	36.0	40.0	6.2	15.0	17.5	CXS-06TH100VM-6215R	★	★	★	★	★	6	3.6	0.1	37.9	37.3	3.0	0.8	0.1
		.039	*.049*			*.244*	*.591*	*.687*							*.236*	*.140*	*.005*	*1.490*	*1.469*	*.116*	*.031*	*.004*
	6	1.25	1.50	20.0	20.0	6.2	15.0	17.2	CXS-06TH125VM-6215R	★	★	★	★		6	3.6	0.2	38.1	37.3	3.0	1.0	0.1
		.049	*.059*			*.244*	*.591*	*.676*							*.236*	*.140*	*.006*	*1.502*	*1.469*	*.116*	*.038*	*.005*
	6	1.50	1.75	16.0	18.0	6.2	15.0	17.2	CXS-06TH150VM-6215R	★	★	★	★	★	6	3.6	0.2	38.3	37.3	3.0	1.1	0.2
		.059	*.069*			*.244*	*.591*	*.676*							*.236*	*.140*	*.007*	*1.507*	*1.469*	*.116*	*.045*	*.006*

Internal left-hand threads

	CZC$_{MS}$	TPN	TPX	TPIN	TPIX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	WB	CF	LPR	LF	WF	HA	HB
	4	0.50	0.70	48.0	56.0	4.2	15.0	17.6	CXS-04TH050VM-4215L	★	★	★	★	4	3.0	0.1	32.7	32.3	2.0	0.5	0.1
		.020	*.028*			*.165*	*.591*	*.693*						*.157*	*.116*	*.002*	*1.287*	*1.272*	*.077*	*.018*	*.002*
	5	1.00	1.25	36.0	40.0	4.8	15.0	17.5	CXS-05TH100VM-4815L	★	★	★	★	5	3.6	0.1	37.9	37.3	2.3	0.8	0.1
		.039	*.049*			*.189*	*.591*	*.687*						*.197*	*.140*	*.005*	*1.490*	*1.469*	*.089*	*.031*	*.004*
	6	1.00	1.25	36.0	40.0	6.2	15.0	17.5	CXS-06TH100VM-6215L	★	★	★	★	6	3.6	0.1	37.9	37.3	3.0	0.8	0.1
		.039	*.049*			*.244*	*.591*	*.687*						*.236*	*.140*	*.005*	*1.490*	*1.469*	*.116*	*.031*	*.004*
	6	1.25	1.50	20.0	20.0	6.2	15.0	17.2	CXS-06TH125VM-6215L	★	★	★	★	6	3.6	0.2	38.1	37.3	3.0	1.0	0.1
		.049	*.059*			*.244*	*.591*	*.676*						*.236*	*.140*	*.006*	*1.502*	*1.469*	*.116*	*.038*	*.005*
	6	1.50	1.75	16.0	18.0	6.2	15.0	17.2	CXS-06TH150VM-6215L	★	★	★	★	6	3.6	0.2	38.3	37.3	3.0	1.1	0.2
		.059	*.069*			*.244*	*.591*	*.676*						*.236*	*.140*	*.007*	*1.507*	*1.469*	*.116*	*.045*	*.006*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand, L = Left hand

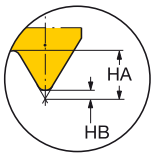
F2 B171 C113 H37 H22

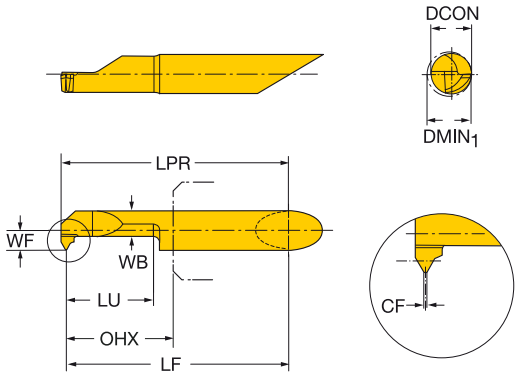
CoroTurn® XS solid-carbide tool for thread turning

Metric 60° Topping

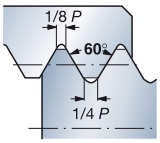
TCTR 6
STDNO ISO 956-1998







Internal right-hand threads



CZC$_{MS}$	TP	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	DCON	WB	CF	LPR	LF	WF	HA	HB
						Dimensions, mm, inch											
4	0.5	4.2	15.0	17.6	CXS-04TH050MM-4215R	★	★	★	★	4	3.5	0.1	32.7	32.3	2.0	0.5	0.1
	.020	*.165*	*.591*	*.693*						*.157*	*.136*	*.002*	*1.287*	*1.272*	*.077*	*.018*	*.002*
4	0.7	4.2	15.0	17.5	CXS-04TH070MM-4215R	★	★	★	★	4	3.3	0.1	32.8	32.3	1.9	0.8	0.1
	.028	*.165*	*.591*	*.689*						*.157*	*.128*	*.003*	*1.291*	*1.272*	*.075*	*.030*	*.003*
4	0.8	4.0	15.0	17.5	CXS-04TH080MM-4015R	★	★	★	★	4	3.0	0.1	32.8	32.3	1.9	0.8	0.1
	.031	*.157*	*.591*	*.689*						*.157*	*.118*	*.004*	*1.291*	*1.272*	*.073*	*.033*	*.004*
5	0.5	5.2	15.0	17.6	CXS-05TH050MM-5215R	★	★	★	★	5	4.5	0.1	37.7	37.3	2.5	0.5	0.1
	.020	*.205*	*.591*	*.693*						*.197*	*.175*	*.002*	*1.484*	*1.469*	*.096*	*.018*	*.002*
5	0.8	5.1	15.0	17.5	CXS-05TH075MM-5115R	★	★	★	★	5	4.2	0.1	37.8	37.3	2.4	0.8	0.1
	.030	*.201*	*.591*	*.689*						*.197*	*.163*	*.004*	*1.488*	*1.469*	*.094*	*.031*	*.003*
5	1.0	4.8	15.0	17.4	CXS-05TH100MM-4815R	★	★	★	★	5	3.6	0.1	37.9	37.3	2.3	1.0	0.1
	.039	*.189*	*.591*	*.685*						*.197*	*.140*	*.005*	*1.492*	*1.469*	*.089*	*.039*	*.004*
6	1.0	6.2	15.0	17.4	CXS-06TH100MM-6215R	★	★	★	★	6	5.1	0.1	37.9	37.3	3.0	1.0	0.1
	.039	*.244*	*.591*	*.685*						*.236*	*.199*	*.005*	*1.492*	*1.469*	*.116*	*.039*	*.004*
6	1.3	6.2	15.0	17.3	CXS-06TH125MM-6215R	★	★	★	★	6	4.8	0.2	38.0	37.3	3.0	1.3	0.1
	.049	*.244*	*.591*	*.681*						*.236*	*.189*	*.006*	*1.496*	*1.469*	*.116*	*.050*	*.005*
6	1.5	6.2	15.0	17.2	CXS-06TH150MM-6215R	★	★	★	★	6	4.5	0.2	38.1	37.3	3.0	1.6	0.2
	.059	*.244*	*.591*	*.677*						*.236*	*.177*	*.007*	*1.500*	*1.469*	*.116*	*.063*	*.006*
6	1.8	6.2	15.0	17.1	CXS-06TH175MM-6215R	★	★	★	★	6	4.3	0.2	38.2	37.3	3.0	1.8	0.2
	.069	*.244*	*.591*	*.673*						*.236*	*.169*	*.008*	*1.504*	*1.469*	*.116*	*.072*	*.007*
6	2.0	6.2	15.0	17.0	CXS-06TH200MM-6215R	★	★	★	★	6	4.1	0.3	38.3	37.3	3.0	2.1	0.2
	.079	*.244*	*.591*	*.669*						*.236*	*.161*	*.010*	*1.508*	*1.469*	*.116*	*.081*	*.009*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand

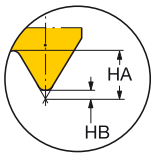
F2 B171 C113 H37 H22

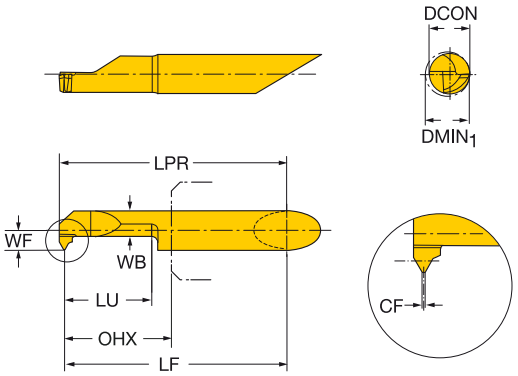
CoroTurn® XS solid-carbide tool for thread turning

UN 60° Full form

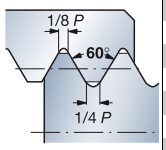
TCTR 2B
STDNO ISO 5864-1978







Internal right-hand threads



	CZC_{MS}	TPI	$DMIN_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	WB	CF	LPR	LF	WF	HA	HB
	4	32.0	4.0	15.0	17.5	CXS-04TH320UN-4015R	★	★	★	★	4	3.0	0.1	32.9	32.3	1.9	0.9	0.1
			.157	*.591*	*.687*						*.157*	*.116*	*.004*	*1.293*	*1.272*	*.073*	*.035*	*.004*
	4	28.0	4.0	15.0	17.4	CXS-04TH280UN-4015R	★	★	★	★	4	3.0	0.1	32.9	32.3	1.9	0.9	0.1
			.157	*.591*	*.685*						*.157*	*.116*	*.004*	*1.295*	*1.272*	*.073*	*.035*	*.004*
	4	24.0	4.2	15.0	17.4	CXS-04TH240UN-4215R	★	★	★	★	4	3.1	0.1	33.0	32.3	2.0	1.0	0.1
			.165	*.591*	*.683*						*.157*	*.120*	*.005*	*1.297*	*1.272*	*.077*	*.040*	*.004*
	5	20.0	5.2	15.0	17.3	CXS-05TH200UN-5215R	★	★	★	★	5	4.0	0.2	38.0	37.3	2.5	1.1	0.1
			.205	*.591*	*.681*						*.197*	*.156*	*.006*	*1.496*	*1.469*	*.096*	*.044*	*.005*
	6	18.0	6.2	15.0	17.3	CXS-06TH180UN-6215R	★	★	★	★	6	4.9	0.2	38.1	37.3	3.0	1.3	0.2
			.244	*.591*	*.679*						*.236*	*.191*	*.007*	*1.498*	*1.469*	*.116*	*.049*	*.006*
	6	16.0	6.2	15.0	15.2	CXS-06TH160UN-6215R	★	★	★	★	6	4.8	0.2	38.2	37.3	3.0	1.4	0.2
			.244	*.591*	*.596*						*.236*	*.187*	*.008*	*1.502*	*1.469*	*.116*	*.054*	*.006*

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand

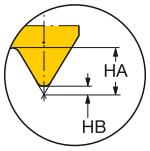
F2 B171 C113 H37 H22

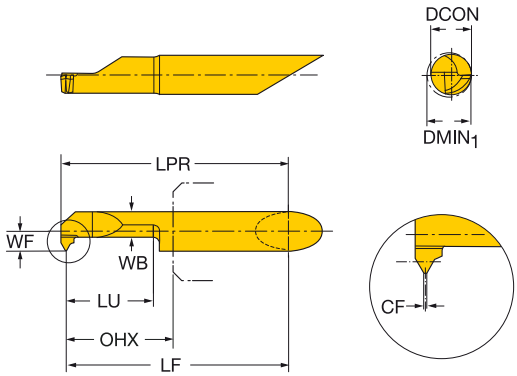
CoroTurn® XS solid-carbide tool for thread turning

Whitworth 55° (BSW, BSF, BSP) Topping

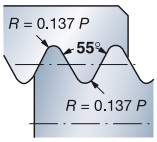
TCTR A
STDNO ISO 228-1982
STDNO BS 2779-1973
STDNO BS 84-1956



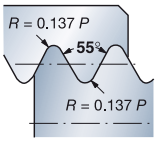




Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	LU	RE	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	DCON	WB	LPR	LF	WF	HA	HB
	5	28.0	5.2	15.0	0.120	17.2	CXS-05TH28WH-5215R	★	★	★	★	5	3.8	38.1	37.3	2.5	0.7	0.1
			.205	*.591*	*.005*	*.677*						*.197*	*.148*	*1.500*	*1.469*	*.096*	*.029*	*.006*
	5	26.0	5.2	15.0	0.150	17.2	CXS-05TH26WH-5215R	★	★	★	★	5	3.8	38.1	37.3	2.5	0.8	0.2
			.205	*.591*	*.006*	*.677*						*.197*	*.148*	*1.500*	*1.469*	*.096*	*.031*	*.006*
	5	24.0	5.2	15.0	0.150	17.2	CXS-05TH24WH-5215R	★	★	★	★	5	3.8	38.1	37.3	2.5	0.9	0.2
			.205	*.591*	*.006*	*.677*						*.197*	*.148*	*1.500*	*1.469*	*.096*	*.033*	*.007*
	6	28.0	6.2	15.0	0.120	17.2	CXS-06TH28WH-6215R	★	★	★	★	6	4.0	38.1	37.3	3.0	0.7	0.1
			.244	*.591*	*.005*	*.677*						*.236*	*.156*	*1.500*	*1.469*	*.116*	*.029*	*.006*
	6	22.0	6.2	15.0	0.160	17.0	CXS-06TH22WH-6215R	★	★	★	★	6	4.0	38.3	37.3	3.0	0.9	0.2
			.244	*.591*	*.006*	*.669*						*.236*	*.156*	*1.508*	*1.469*	*.116*	*.036*	*.007*
	6	20.0	6.2	15.0	0.170	17.0	CXS-06TH20WH-6215R	★	★	★	★	6	4.0	38.3	37.3	3.0	1.0	0.2
			.244	*.591*	*.007*	*.669*						*.236*	*.156*	*1.508*	*1.469*	*.116*	*.040*	*.008*
	6	19.0	6.2	15.0	0.180	17.0	CXS-06TH19WH-6215R	★	★	★	★	6	4.0	38.3	37.3	3.0	1.1	0.2
			.244	*.591*	*.007*	*.669*						*.236*	*.156*	*1.508*	*1.469*	*.116*	*.042*	*.008*

Internal left-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	LU	RE	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	DCON	WB	LPR	LF	WF	HA	HB
	6	19.0	6.2	15.0	0.180	17.0	CXS-06TH19WH-6215L	★	★	★	★	6	4.0	38.3	37.3	3.0	1.1	0.2
			.244	*.591*	*.007*	*.669*						*.236*	*.156*	*1.508*	*1.469*	*.116*	*.042*	*.008*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand, L = Left hand

F2 B171 C113 H37 H22

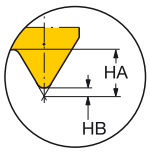
SANDVIK Coromant

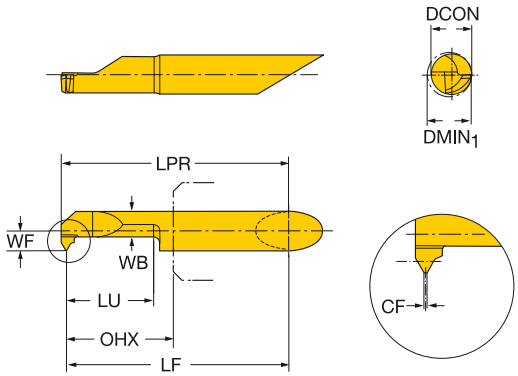
CoroTurn® XS solid-carbide tool for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

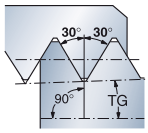
STDNO ANSI B.1.20.1-1983



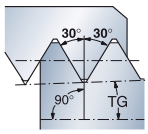




Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	LU	RE	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	WB	LPR	LF	WF	HA	HB
	6	27.0	6.2	15.0	0.070	17.2	CXS-06TH27NT-6215R	★	★	★	★	6	4.0	38.1	37.3	3.0	1.6	0.0
			.244	*.591*	*.003*	*.677*						*.236*	*.156*	*1.500*	*1.469*	*.116*	*.064*	*.001*
	6	18.0	6.2	15.0	0.100	17.2	CXS-06TH18NT-6215R	★	★	★	★	6	4.0	38.3	37.3	3.0	1.6	0.0
			.244	*.591*	*.004*	*.677*						*.236*	*.156*	*1.508*	*1.469*	*.116*	*.065*	*.002*

Internal left-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	LU	RE	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	WB	LPR	LF	WF	HA	HB
	6	18.0	6.2	15.0	0.100	17.0	CXS-06TH18NT-6215L	★	★	★	★	6	4.0	38.3	37.3	3.0	1.6	0.0
			.244	*.591*	*.004*	*.669*						*.236*	*.156*	*1.508*	*1.469*	*.116*	*.065*	*.002*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand, L = Left hand

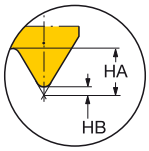
F2 B171 C113 H37 H22

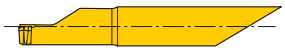
CoroTurn® XS solid-carbide tool for thread turning

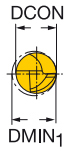
ISO Trapezoidal 30° Chamfered crest form

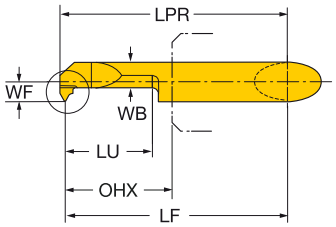
TCTR 7
STDNO ISO 2901-2904
STDNO DIN 103-1977

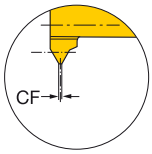




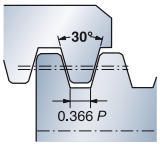








Internal right-hand threads

	CZC_{MS}	TP	$DMIN_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	WB	CF	LPR	LF	WF	HA	HB
	6	1.5	6.2	20.0	17.4	CXS-06TH150TR-6220R	★	★	★	★	6	4.9	0.5	38.2	37.6	3.0	1.8	0.9
		.059	*.244*	*.787*	*.685*						*.236*	*.193*	*.019*	*1.504*	*1.480*	*.116*	*.071*	*.036*
	6	2.0	6.2	20.0	17.3	CXS-06TH200TR-6220R	★	★	★	★	6	4.6	0.6	38.4	37.6	3.0	2.4	1.2
		.079	*.244*	*.787*	*.679*						*.236*	*.179*	*.024*	*1.510*	*1.480*	*.116*	*.095*	*.046*
	7	3.0	7.2	30.0	16.9	CXS-07TH300TR-7230R	★	★	★	★	7	4.6	1.0	53.4	52.3	3.5	3.5	1.8
		.118	*.283*	*1.181*	*.665*						*.276*	*.179*	*.038*	*2.100*	*2.057*	*.136*	*.139*	*.070*

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand

F2 B171 C113 H37 H22

SANDVIK Coromant

CoroCut® MB

For internal machining with high precision

Application

- For internal machining of small holes
- Pre-parting
- Grooving
- Face grooving
- Profiling
- Turning
- Copying
- Back boring
- Threading



ISO application area:

P M N S H O

Benefits and features

- Vibration-free machining
- Fast setup for both tool and insert
- Stable, high precision interface between interface and tool holder
- Front-mounted exchangeable cutting tool
- Sharp cutting edges
- Geometries and grades for all materials
- Carbide shanks for long overhangs
- Through coolant
- Easy fix clamping
- Grooving tools in a large variety of widths and corner radii—also for standardized grooves such as O-rings and circlip grooves.

www.sandvik.coromant.com/corocutmb

EasyFix

Cylindrical steel and carbide boring bars to be used with EasyFix sleeves for exact center height.

CoroCut® MB boring bars

For stability and accessibility the bars are designed with an eccentric head with oval cross section.

Adapters

Rectangular shank to CoroCut® MB adapter
See page F36
Cylindrical shank to CoroCut® MB adapter
See page F42
Cylindrical shank with flat to CoroCut® MB adapter
See page F48

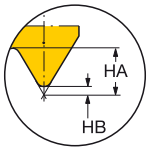
Inserts

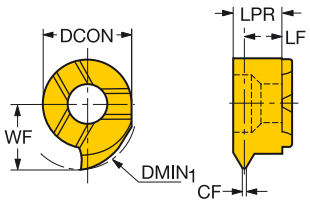
	Pre-parting	Grooving	Face grooving	Profiling	Turning	Copying	Back boring	Threading
	MB-..GX	MB-..G	MB-F	MB-..R	MB..T045	MB..TE93	MB..B	MB..TH
Insert width, mm	1.00	0.73-3.00	1.00-3.00					
Insert width, inch	.039	.039-.118	.039-.118					
Page	B156	B157	B160	Web	Web	Web	Web	C90

CoroCut® MB solid-carbide head for thread turning

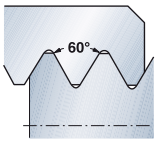
V-profile 60° Non-topping



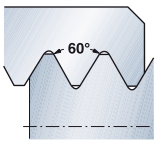




Internal right-hand threads

	CZC_{MS}	TPN	TPX	TPIN	TPIX	$DMIN_1$	Ordering code	P	M	N	S	DCON	CF	LPR	LF	WF	HA	HB
								1025	1025	1025	1025	Dimensions, mm, inch						
	07	0.50	0.75	34.0	51.0	10.0	MB-07TH050VM-10R	★	★	★	★	7	0.1	3.8	3.4	5.8	0.5	0.1
		.020	*.030*			*.394*						*.276*	*.002*	*.150*	*.134*	*.228*	*.018*	*.002*
	07	1.00	1.25	20.0	25.0	10.0	MB-07TH100VM-10R	★	★	★	★	7	0.1	3.8	3.2	5.8	0.8	0.1
		.039	*.049*			*.394*						*.276*	*.005*	*.150*	*.126*	*.228*	*.031*	*.004*
	07	1.50	1.75	15.0	17.0	10.0	MB-07TH150VM-10R	★	★	★	★	7	0.2	3.8	3.0	5.8	1.1	0.2
		.059	*.069*			*.394*						*.276*	*.007*	*.150*	*.118*	*.228*	*.044*	*.006*
	07	2.00	2.50	10.0	13.0	10.0	MB-07TH200VM-10R	★	★	★	★	7	0.3	3.8	2.8	5.8	1.6	0.2
		.079	*.098*			*.394*						*.276*	*.010*	*.150*	*.108*	*.228*	*.064*	*.009*
	07	2.50	3.00	8.0	10.0	10.0	MB-07TH250VM-10R	★	★	★	★	7	0.3	3.8	2.6	5.8	2.0	0.3
		.098	*.118*			*.394*						*.276*	*.012*	*.150*	*.100*	*.228*	*.077*	*.011*

Internal left-hand threads

	CZC_{MS}	TPN	TPX	TPIN	TPIX	$DMIN_1$	Ordering code	P	M	N	S	DCON	CF	LPR	LF	WF	HA	HB
								1025	1025	1025	1025	Dimensions, mm, inch						
	07	0.50	0.75	34.0	51.0	10.0	MB-07TH050VM-10L	★	★	★	★	7	0.1	3.8	3.4	5.8	0.5	0.1
		.020	*.030*			*.394*						*.276*	*.002*	*.150*	*.134*	*.228*	*.018*	*.002*
	07	1.00	1.25	20.0	25.0	10.0	MB-07TH100VM-10L	★	★	★	★	7	0.1	3.8	3.2	5.8	0.8	0.1
		.039	*.049*			*.394*						*.276*	*.005*	*.150*	*.126*	*.228*	*.031*	*.004*
	07	1.50	1.75	15.0	17.0	10.0	MB-07TH150VM-10L	★	★	★	★	7	0.2	3.8	3.0	5.8	1.1	0.2
		.059	*.069*			*.394*						*.276*	*.007*	*.150*	*.118*	*.228*	*.044*	*.006*
	07	2.00	2.50	10.0	13.0	10.0	MB-07TH200VM-10L	★	★	★	★	7	0.3	3.8	2.8	5.8	1.6	0.2
		.079	*.098*			*.394*						*.276*	*.010*	*.150*	*.108*	*.228*	*.064*	*.009*
	07	2.50	3.00	8.0	10.0	10.0	MB-07TH250VM-10L	★	★	★	★	7	0.3	3.8	2.6	5.8	2.0	0.3
		.098	*.118*			*.394*						*.276*	*.012*	*.150*	*.100*	*.228*	*.077*	*.011*

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

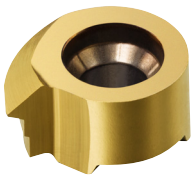
F2 B170 C113 H37 H25

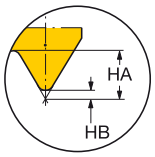
SANDVIK Coromant

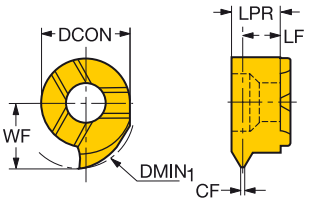
CoroCut® MB solid-carbide head for thread turning

Metric 60° Topping

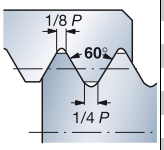
TCTR 6
STDNO ISO 956-1998



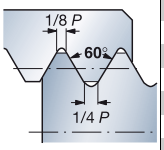




Internal right-hand threads

	CZC$_{MS}$	TP	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	Dimensions, mm, inch DCON	CF	LPR	LF	WF	HA	HB
	07	0.5	10.0	MB-07TH050MM-10R	★	★	★	★		7	0.1	3.8	3.4	5.8	0.5	0.1
		.020	*.394*							*.276*	*.002*	*.150*	*.134*	*.228*	*.018*	*.002*
	07	1.0	10.0	MB-07TH100MM-10R	★	★	★	★	★	7	0.1	3.8	3.2	5.8	0.9	0.1
		.039	*.394*							*.276*	*.005*	*.150*	*.126*	*.228*	*.035*	*.004*
	07	1.5	10.0	MB-07TH150MM-10R	★	★	★	★	★	7	0.2	3.8	3.0	5.8	1.4	0.2
		.059	*.394*							*.276*	*.007*	*.150*	*.118*	*.228*	*.054*	*.006*
	07	1.8	10.0	MB-07TH175MM-10R	★	★	★	★		7	0.2	3.8	2.9	5.8	1.1	0.2
		.069	*.394*							*.276*	*.008*	*.150*	*.114*	*.228*	*.044*	*.007*
	07	2.0	10.0	MB-07TH200MM-10R	★	★	★	★		7	0.3	3.8	2.8	5.8	1.3	0.2
		.079	*.394*							*.276*	*.010*	*.150*	*.108*	*.228*	*.051*	*.009*
	07	2.5	10.0	MB-07TH250MM-10R	★	★	★	★		7	0.3	3.8	2.6	5.8	1.6	0.3
		.098	*.394*							*.276*	*.012*	*.150*	*.100*	*.228*	*.064*	*.011*

Internal left-hand threads

	CZC$_{MS}$	TP	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	CF	LPR	LF	WF	HA	HB
	07	0.5	10.0	MB-07TH050MM-10L	★	★	★	★	7	0.1	3.8	3.4	5.8	0.5	0.1
		.020	*.394*						*.276*	*.002*	*.150*	*.134*	*.228*	*.018*	*.002*
	07	1.0	10.0	MB-07TH100MM-10L	★	★	★	★	7	0.1	3.8	3.2	5.8	0.9	0.1
		.039	*.394*						*.276*	*.005*	*.150*	*.126*	*.228*	*.035*	*.004*
	07	1.5	10.0	MB-07TH150MM-10L	★	★	★	★	7	0.2	3.8	3.0	5.8	1.4	0.2
		.059	*.394*						*.276*	*.007*	*.150*	*.118*	*.228*	*.054*	*.006*
	07	1.8	10.0	MB-07TH175MM-10L	★	★	★	★	7	0.2	3.8	2.9	5.8	1.1	0.2
		.069	*.394*						*.276*	*.008*	*.150*	*.114*	*.228*	*.044*	*.007*
	07	2.0	10.0	MB-07TH200MM-10L	★	★	★	★	7	0.3	3.8	2.8	5.8	1.3	0.2
		.079	*.394*						*.276*	*.010*	*.150*	*.108*	*.228*	*.051*	*.009*
	07	2.5	10.0	MB-07TH250MM-10L	★	★	★	★	7	0.3	3.8	2.6	5.8	1.6	0.3
		.098	*.394*						*.276*	*.012*	*.150*	*.100*	*.228*	*.064*	*.011*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

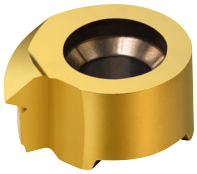
R = Right hand, L = Left hand

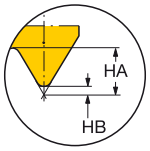
F2 B170 C113 H37 H25

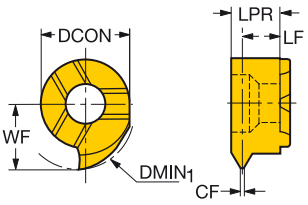
CoroCut® MB solid-carbide head for thread turning

UN 60° Topping

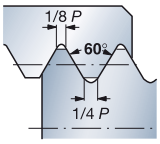
TCTR 2B
STDNO ISO 5864-1978



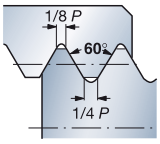




Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	CF	LPR	LF	WF	HA	HB
	07	32.0	10.0	MB-07TH320UN-10R	★	★	★	★	7	0.1	3.8	3.4	5.8	0.9	0.1
			.394						*.276*	*.004*	*.150*	*.134*	*.228*	*.035*	*.004*
	07	28.0	10.0	MB-07TH280UN-10R	★	★	★	★	7	0.1	3.8	3.4	5.8	0.9	0.1
			.394						*.276*	*.004*	*.150*	*.134*	*.228*	*.035*	*.004*
	07	24.0	10.0	MB-07TH240UN-10R	★	★	★	★	7	0.1	3.8	3.3	5.8	1.0	0.1
			.394						*.276*	*.005*	*.150*	*.130*	*.228*	*.040*	*.004*
	07	20.0	10.0	MB-07TH200UN-10R	★	★	★	★	7	0.2	3.8	3.2	5.8	1.1	0.1
			.394						*.276*	*.006*	*.150*	*.126*	*.228*	*.044*	*.005*
	07	18.0	10.0	MB-07TH180UN-10R	★	★	★	★	7	0.2	3.8	3.2	5.8	1.3	0.2
			.394						*.276*	*.007*	*.150*	*.126*	*.228*	*.049*	*.006*
	07	16.0	10.0	MB-07TH160UN-10R	★	★	★	★	7	0.2	3.8	3.1	5.8	1.4	0.2
			.394						*.276*	*.007*	*.150*	*.122*	*.228*	*.054*	*.006*
	07	14.0	10.0	MB-07TH140UN-10R	★	★	★	★	7	0.2	3.8	3.2	5.8	1.6	0.2
			.394						*.276*	*.009*	*.150*	*.126*	*.228*	*.063*	*.007*

Internal left-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	CF	LPR	LF	WF	HA	HB
	07	32.0	10.0	MB-07TH320UN-10L	★	★	★	★	7	0.1	3.8	3.4	5.8	0.9	0.1
			.394						*.276*	*.004*	*.150*	*.134*	*.228*	*.035*	*.004*
	07	28.0	10.0	MB-07TH280UN-10L	★	★	★	★	7	0.1	3.8	3.4	5.8	0.9	0.1
			.394						*.276*	*.004*	*.150*	*.134*	*.228*	*.035*	*.004*
	07	24.0	10.0	MB-07TH240UN-10L	★	★	★	★	7	0.1	3.8	3.3	5.8	1.0	0.1
			.394						*.276*	*.005*	*.150*	*.130*	*.228*	*.040*	*.004*
	07	20.0	10.0	MB-07TH200UN-10L	★	★	★	★	7	0.2	3.7	3.2	5.8	1.1	0.1
			.394						*.276*	*.006*	*.146*	*.126*	*.228*	*.044*	*.005*
	07	18.0	10.0	MB-07TH180UN-10L	★	★	★	★	7	0.2	3.8	3.2	5.8	1.3	0.2
			.394						*.276*	*.007*	*.150*	*.126*	*.228*	*.049*	*.006*
	07	16.0	10.0	MB-07TH160UN-10L	★	★	★	★	7	0.2	3.8	3.1	5.8	1.4	0.2
			.394						*.276*	*.007*	*.150*	*.122*	*.228*	*.054*	*.006*
	07	14.0	10.0	MB-07TH140UN-10L	★	★	★	★	7	0.2	3.8	3.2	5.8	1.6	0.2
			.394						*.276*	*.009*	*.150*	*.126*	*.228*	*.063*	*.007*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand, L = Left hand

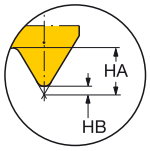
F2 B170 C113 H37 H25

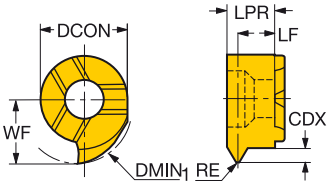
CoroCut® MB solid-carbide head for thread turning

Whitworth 55° (BSW, BSF, BSP) Topping

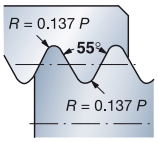
TCTR	A
STDNO	ISO 228-1982
STDNO	BS 2779-1973
STDNO	BS 84-1956



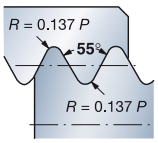




Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	RE	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LPR	LF	WF	HA	HB
	07	19.0	10.0	0.180	MB-07TH190WH-10R	★	★	★	★	7	3.8	2.8	5.8	1.1	0.2
			.394	*.007*						*.276*	*.150*	*.110*	*.228*	*.042*	*.008*
	07	14.0	10.0	0.240	MB-07TH140WH-10R	★	★	★	★	7	3.8	2.6	5.8	1.4	0.3
			.394	*.009*						*.276*	*.150*	*.102*	*.228*	*.057*	*.011*
	07	11.0	10.0	0.310	MB-07TH110WH-10R	★	★	★	★	7	3.8	2.3	5.8	1.8	0.4
			.394	*.012*						*.276*	*.150*	*.091*	*.228*	*.072*	*.014*

Internal left-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	RE	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LPR	LF	WF	HA	HB
	07	19.0	10.0	0.180	MB-07TH190WH-10L	★	★	★	★	7	3.8	2.8	5.8	1.1	0.2
			.394	*.007*						*.276*	*.150*	*.110*	*.228*	*.042*	*.008*
	07	14.0	10.0	0.240	MB-07TH140WH-10L	★	★	★	★	7	3.8	2.6	5.8	1.4	0.3
			.394	*.009*						*.276*	*.150*	*.102*	*.228*	*.057*	*.011*
	07	11.0	10.0	0.310	MB-07TH110WH-10L	★	★	★	★	7	3.8	2.3	5.8	1.8	0.4
			.394	*.012*						*.276*	*.150*	*.091*	*.228*	*.072*	*.014*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

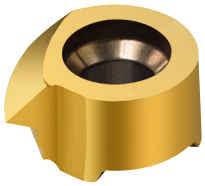
R = Right hand, L = Left hand

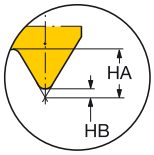
F2 B170 C113 H37 H25

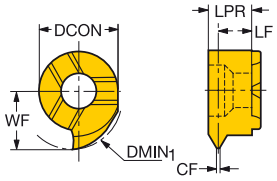
CoroCut® MB solid-carbide head for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

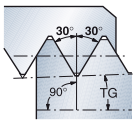
STDNO ANSI B.1.20.1-1983



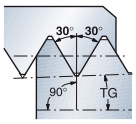




Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	RE	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LPR	LF	WF	HA	HB
	07	18.0	10.0	0.050	MB-07TH180NT-10R	★	★	★	★	7	3.8	2.9	5.8	1.4	0.0
			.394	*.002*						*.276*	*.150*	*.114*	*.228*	*.057*	*.002*
	07	14.0	10.0	0.070	MB-07TH140NT-10R	★	★	★	★	7	3.8	2.7	5.8	1.5	0.1
			.394	*.003*						*.276*	*.150*	*.106*	*.228*	*.061*	*.002*

Internal left-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	RE	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LPR	LF	WF	HA	HB
	07	18.0	10.0	0.050	MB-07TH180NT-10L	★	★	★	★	7	3.8	2.9	5.8	1.4	0.0
			.394	*.002*						*.276*	*.150*	*.114*	*.228*	*.057*	*.002*
	07	14.0	10.0	0.070	MB-07TH140NT-10L	★	★	★	★	7	3.8	2.7	5.8	1.5	0.1
			.394	*.003*						*.276*	*.150*	*.106*	*.228*	*.061*	*.002*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand, L = Left hand

F2 B170 C113 H37 H25

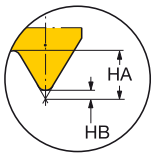
SANDVIK Coromant

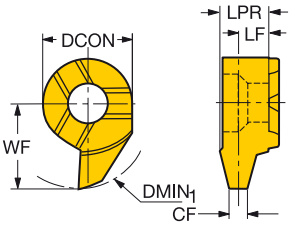
CoroCut® MB solid-carbide head for thread turning

ACME 29° partial profile

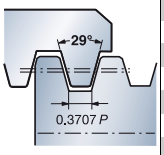
TCTR 2G
STDNO ANSI B1.5-1988







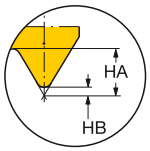
Internal right-hand threads

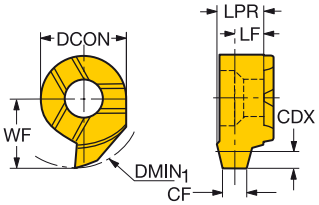
	CZC$_{MS}$	TPI	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	DCON	CF	LPR	LF	WF	HA	HB
	07	16.0	11.0	MB-07TH160AC-11R	★	★	★	★	7	0.5	3.9	3.3	6.8	2.1	1.0
			.433						.276	.020	.154	.130	.268	.081	.040
	07	14.0	11.0	MB-07TH140AC-11R	★	★	★	★	7	0.6	3.9	3.2	6.8	2.3	1.2
			.433						.276	.024	.154	.126	.268	.092	.046
	07	12.0	11.0	MB-07TH120AC-11R	★	★	★	★	7	0.7	3.9	3.1	6.8	2.7	1.4
			.433						.276	.028	.154	.122	.268	.106	.054
	07	10.0	11.0	MB-07TH100AC-11R	★	★	★	★	7	0.8	3.9	3.0	6.8	3.3	1.6
			.433						.276	.031	.154	.118	.268	.131	.061
	07	8.0	11.0	MB-07TH080AC-11R	★	★	★	★	7	1.0	3.9	2.8	6.8	4.1	2.0
			.433						.276	.041	.154	.110	.268	.161	.078

STUB-ACME 29° partial profile

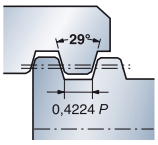
TCTR 2G
STDNO ANSI B1.8-1988







Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	DCON	CF	LPR	LF	WF	HA	HB
	07	16.0	10.0	MB-07TH160SA-10R	★	★	★	★	7	0.6	4.0	3.4	5.8	1.9	1.1
			.394						.276	.023	.157	.132	.228	.074	.045
	07	14.0	10.0	MB-07TH140SA-10R	★	★	★	★	7	0.7	4.0	3.3	5.8	2.2	1.3
			.394						.276	.027	.157	.128	.228	.085	.052
	07	12.0	10.0	MB-07TH120SA-10R	★	★	★	★	7	0.8	4.0	3.2	5.8	2.5	1.6
			.394						.276	.032	.157	.126	.228	.099	.063
	07	10.0	10.0	MB-07TH100SA-10R	★	★	★	★	7	0.9	3.9	3.1	5.8	3.0	1.8
			.394						.276	.037	.154	.120	.228	.118	.071
	07	8.0	10.0	MB-07TH080SA-10R	★	★	★	★	7	1.2	3.7	2.5	5.8	3.7	2.3
			.394						.276	.047	.146	.096	.228	.146	.091

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adapter.

R = Right hand

F2 B170 C113 H37 H25

Cutting speed recommendations, metric values

MC No.	CMC No.	Material	Specific cutting force k_{c1} N/mm²	Hardness Brinell HB	Grades GC1125 Cutting speed (V_c), m/min	GC1135	GC1020	H13A
ISO P								
		Unalloyed steel						
P1.1.Z.AN	01.1	C = 0.1–0.25%	1500	125	230	205	185	160
P1.2.Z.AN	01.2	C = 0.25–0.55%	1600	150	195	170	155	130
P1.3.Z.AN	01.3	C = 0.55–0.80%	1700	170	180	160	145	125
		Low-alloy steel (alloying elements ≤5%)						
P2.1.Z.AN	02.1	Non-hardened	1700	180	155	140	125	115
P2.1.Z.AN	02.12	Ball bearing steel	1800	210	145	125	115	105
P2.5.Z.HT	02.2	Hardened and tempered	1850	275	120	105	95	80
P2.5.Z.HT	02.2	Hardened and tempered	2050	350	95	85	75	65
		High-alloy steel (alloying elements >5%)						
P3.0.Z.AN	03.11	Annealed	1950	200	140	120	110	105
P3.0.Z.HT	03.21	Hardened tool steel	3000	325	115	100	80	70
		Steel castings						
P1.5.C.UT	06.1	Unalloyed	1550	180	220	200	180	170
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	1600	200	150	130	120	95
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	2050	225	120	105	95	85
P3.2.C.AQ	06.33	Manganese steel, 12–14% Mn	2900	250	40	38	35	33
ISO M								
		Bars/forged Ferritic/martensitic						
P5.0.Z.AN	05.11	Non-hardened	1800	200	160	145	130	90
P5.0.Z.PH	05.12	PH-hardened	2850	330	115	100	90	70
P5.0.Z.HT	05.13	Hardened	2350	330	105	95	85	65
		Bars/forged Austenitic						
M1.0.Z.AQ	05.21	Austenitic	1800	180	140	130	120	75
M1.0.Z.PH	05.22	PH-hardened	2850	330	100	90	80	60
M2.0.Z.AQ	05.23	Super austenitic	2250	200	80	75	70	50
		Stainless steel – Bars/forged Austenitic-ferritic (Duplex)						
M3.1.Z.AQ	05.51	Non-weldable ≥ 0.05%C	2000	230	110	100	90	-
M3.2.Z.AQ	05.52	Weldable < 0.05%C	2450	260	90	80	70	-
		Stainless steel – Cast Ferritic/martensitic						
P5.0.C.UT	15.11	Non-hardened	1700	200	120	100	90	90
	15.12	PH-hardened	2450	330	90	80	70	55
P5.0.C.HT	15.13	Hardened	2150	330	70	65	60	50
		Stainless steel – Cast Austenitic						
M1.0.C.UT	15.21	Austenitic	1700	180	120	110	100	80
	15.22	PH-hardened	2450	330	70	65	60	50
M2.0.C.AQ	15.23		2150	200	90	80	70	40
		Stainless steel – Cast Austenitic-ferritic (Duplex)						
M3.1.C.AQ	15.51	Non-weldable ≥ 0.05%C	1800	230	100	95	85	-
M3.2.C.AQ	15.52	Weldable < 0.05%C	2250	260	75	70	65	-
ISO K								
		Malleable cast iron						
	07.1	Ferritic (short chipping)	790	130	170	150	135	95
K1.1.C.NS	07.2	Pearlitic (long chipping)	900	230	125	110	100	70
		Gray cast iron						
K2.1.C.UT	08.1	Low tensile strength	890	180	160	140	130	85
K2.2.C.UT	08.2	High tensile strength	970	220	140	130	120	80
		Nodular SG iron						
K3.1.C.UT	09.1	Ferritic	900	160	140	135	125	110
K3.3.C.UT	09.2	Pearlitic	1350	250	110	100	90	80
K3.4.C.UT	09.3	Martensitic	2100	380	80	75	65	60
ISO N								
		Aluminum alloys Wrought/wrought and						
N1.2.Z.UT	30.11	+ cold-worked, non-aging	400	60	500	500	500	500
N1.2.Z.AG	30.12	Aged	650	100	500	500	500	450
		Aluminum alloys						
N1.3.C.UT	30.21	Cast, non-aging	600	75	500	500	455	425
N1.3.C.AG	30.22	Cast or cast and aged	700	90	400	325	280	250
	30.41	Cast Si 13-15%	700	130	300	270	245	210
N1.4.C.NS	30.42	Cast Si 16-22%	700	130	300	270	245	210
		Copper and copper alloys						
N3.3.U.UT	33.1	Free cutting alloys, ≥1% Pb	550	110	500	460	420	370
N3.2.C.UT	33.2	Brass, leaded bronzes, ≤1% Pb	550	90	300	270	245	210
N3.1.U.UT	33.3	Bronze and non-leaded copper incl. electrolytic copper	1350	100	210	190	175	150

Cutting speed recommendations, metric values

MC No.	CMC No.	Material	Specific cutting force k_{c1} N/mm²	Hardness Brinell HB	Grades GC1125	GC1135	GC1020	H13A	CB7015
					Cutting speed (V_c), m/min				
ISO S									
		Heat resistant alloys							
		Iron base							
S1.0.U.AN	20.11	Annealed	2400	200	55	50	45	45	-
S1.0.U.AG	20.12	Aged	2500	280	35	35	30	30	-
		Nickel base							
S2.0.Z.AN	20.21	Annealed	2650	250	25	25	20	19	-
S2.0.Z.AG	20.22	Aged	2900	350	15	15	13	13	-
S2.0.C.NS	20.24	Cast	3000	320	13	13	10	11	-
		Cobalt base							
S3.0.Z.AN	20.31	Annealed	2700	200	30	30	25	22	-
S3.0.Z.AG	20.32	Aged	3000	300	20	18	15	14	-
S3.0.C.NS	20.33	Cast	3100	320	20	18	15	15	-
		Titanium alloys							
S4.1.Z.UT	23.1	Commercial pure (99.5% Ti)	1300	400 Rm	170	160	140	120	-
S4.2.Z.AN	23.21	α, near α and α + β alloys, annealed	1400	950 Rm	70	65	60	50	-
S4.3.Z.AG	23.22	α + β alloys in aged conditions, β alloys, annealed or aged	1400	1050 Rm	60	55	50	40	-
ISO H									
		Extra hard steel							
H1.1.Z.HA	04.1	Hardened and tempered	2750	47 HRC	60	50	50	-	130
H1.3.Z.HA	04.1		4300	60 HRC	39	32	32	-	130
		Chilled cast iron							
H2.0.C.UT	10.1	Cast or cast and aged	2250	400	45	40	35	50	-

Cutting speed recommendations, inch values

MC No.	CMC No.	Material	Specific cutting force k_{c1} lbs/in²	Hardness Brinell HB	Grades GC1125 Cutting speed (V_c) ft/min	GC1135	GC1020	H13A
ISO P								
		Unalloyed steel						
P1.1.Z.AN	01.1	C = 0.1 - 0.25%	216,500	125	760	670	610	520
P1.2.Z.AN	01.2	C = 0.25 - 0.55%	233,000	150	640	560	510	430
P1.3.Z.AN	01.3	C = 0.55 - 0.80%	247,000	170	590	530	475	410
		Low-alloy steel (alloying elements ≤5%)						
P2.1.Z.AN	02.1	Non-hardened	249,500	180	510	460	405	380
P2.1.Z.AN	02.12	Ball bearing steel	259,500	210	475	410	375	-
P2.5.Z.HT	02.2	Hardened and tempered	268,000	275	385	350	310	270
P2.5.Z.HT	02.2	Hardened and tempered	298,000	350	310	280	250	220
		High-alloy steel (alloying elements >5%)						
P3.0.Z.AN	03.11	Annealed	282,000	200	460	395	360	345
P3.0.Z.HT	03.21	Hardened tool steel	435,500	325	375	320	270	230
		Steel castings						
P1.5.C.UT	06.1	Unalloyed	225,000	180	730	660	590	560
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	230,500	200	490	425	395	305
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	300,500	225	395	345	310	285
P3.2.C.AQ	06.33	Manganese steel, 12–14% Mn	420,500	250	130	125	115	105
ISO M								
		Bars/forged Ferritic/martensitic						
P5.0.Z.AN	05.11	Non-hardened	262,000	200	520	475	425	295
P5.0.Z.PH	05.12	PH-hardened	411,500	330	375	330	295	235
P5.0.Z.HT	05.13	Hardened	340,000	330	345	310	280	215
		Bars/forged Austenitic						
M1.0.Z.AQ	05.21	Austenitic	259,000	180	460	425	395	250
M1.0.Z.PH	05.22	PH-hardened	414,000	330	330	295	260	190
M2.0.Z.AQ	05.23	Super austenitic	328,000	200	260	245	230	170
		Stainless steel – Bars/forged Austenitic-ferritic (Duplex)						
M3.1.Z.AQ	05.51	Non-weldable ≥ 0.05%C	286,500	230	360	330	295	-
M3.2.Z.AQ	05.52	Weldable < 0.05%C	356,500	260	295	265	230	-
		Stainless steel – Cast Ferritic/martensitic						
P5.0.C.UT	15.11	Non-hardened	246,500	200	395	330	295	300
	15.12	PH-hardened	354,500	330	295	265	230	-
P5.0.C.HT	15.13	Hardened	311,000	330	230	215	195	160
		Stainless steel – Cast Austenitic-ferritic (Duplex)						
M1.0.C.UT	15.21	Austenitic	248,000	180	395	360	325	265
	15.22	PH-hardened	356,000	330	230	215	200	165
M2.0.C.AQ	15.23	Super austenitic	310,500	200	295	265	230	-
M3.1.C.AQ	15.51	Non-weldable ≥ 0.05%C	258,000	230	330	310	280	-
M3.2.C.AQ	15.52	Weldable < 0.05%C	326,500	260	245	230	210	-
ISO K								
		Malleable cast iron						
	07.1	Ferritic (short chipping)	115,000	130	560	490	440	315
K1.1.C.NS	07.2	Pearlitic (long chipping)	131,000	230	410	360	325	230
		Gray cast iron						
K2.1.C.UT	08.1	Low tensile strength	130,000	180	520	460	425	285
K2.2.C.UT	08.2	High tensile strength	140,500	220	460	425	390	265
		Nodular SG iron						
K3.1.C.UT	09.1	Ferritic	130,000	160	460	450	410	355
K3.3.C.UT	09.2	Pearlitic	194,500	250	360	330	290	260
K3.4.C.UT	09.3	Martensitic	307,000	380	260	245	220	195

Cutting speed recommendations, inch values

MC No.	CMC No.	Material	Specific cutting force k_{c1} lbs/in²	Hardness Brinell HB	Grades GC1125 Cutting speed (V_c) ft/min	GC1135	GC1020	H13A	CB7015
ISO N									
		Aluminum alloys Wrought/wrought and							
N1.2.Z.UT	30.11	+ cold-worked, non-aging	58,000	60	1650	1650	1650	1650	
N1.2.Z.AG	30.12	Aged	94,500	100	1650	1650	1650	1450	
		Aluminum alloys							
N1.3.C.UT	30.21	Cast, non-aging	87,000	75	1650	1650	1500	1400	
N1.3.C.AG	30.22	Cast or cast and aged	101,500	90	1300	1050	920	820	
		Aluminum alloys							
	30.41	Cast Si 13-15%	101,500	130	980	890	800	690	
N1.4.C.NS	30.42	Cast Si 16-22%	101,500	130	980	890	800	690	
		Copper and copper alloys							
N3.3.U.UT	33.1	Free cutting alloys, ≥1% Pb	79,500	110	1650	1500	1400	1200	
N3.2.C.UT	33.2	Brass, leaded bronzes, ≤1% Pb	80,000	90	980	890	800	690	
N3.1.U.UT	33.3	Bronze and non-leaded copper incl. electrolytic copper	196,000	100	690	620	570	490	
ISO S									
		Heat resistant super alloys							
		Iron base							
S1.0.U.AN	20.11	Annealed or solution treated	348,000	200	180	165	145	145	
S1.0.U.AG	20.12	Aged or solution treated and aged	359,000	280	115	115	100	100	
		Nickel base							
S2.0.Z.AN	20.21	Annealed or solution treated	383,000	250	80	80	65	60	
S2.0.Z.AG	20.22	Aged or solution treated and aged	420,500	350	50	50	45	45	
S2.0.C.NS	20.24	Cast or cast and aged	436,500	320	45	45	33	35	
		Cobalt base							
S3.0.Z.AN	20.31	Annealed or solution treated	391,500	200	100	100	80	70	
S3.0.Z.AG	20.32	Solution treated and aged	432,000	300	65	60	50	45	
S3.0.C.NS	20.33	Cast or cast and aged	450,500	320	65	60	50	50	
		Titanium alloys							
S4.1.Z.UT	23.1	Commercial pure (99.5% Ti)	188,500	400 Rm	560	520	460	395	
S4.2.Z.AN	23.21	α, near α and α + β alloys, annealed	203,000	950 Rm	230	215	195	-	
S4.3.Z.AG	23.22	α, near α and α+β alloys, annealed α+β alloys in aged cond, β alloys, annealed or aged	203,000	1050 Rm	195	180	165	-	
ISO H									
		Extra hard steel							
H1.1.Z.HA	04.1	Hardened and tempered	397,000	47 HRC	200	165	165	-	420
H1.3.Z.HA	04.1	Hardened and tempered	625,500	60 HRC	125	105	105	-	420
		Chilled cast iron							
H2.0.C.UT	10.1	Cast or cast and aged	326,500	400	150	130	115	170	-

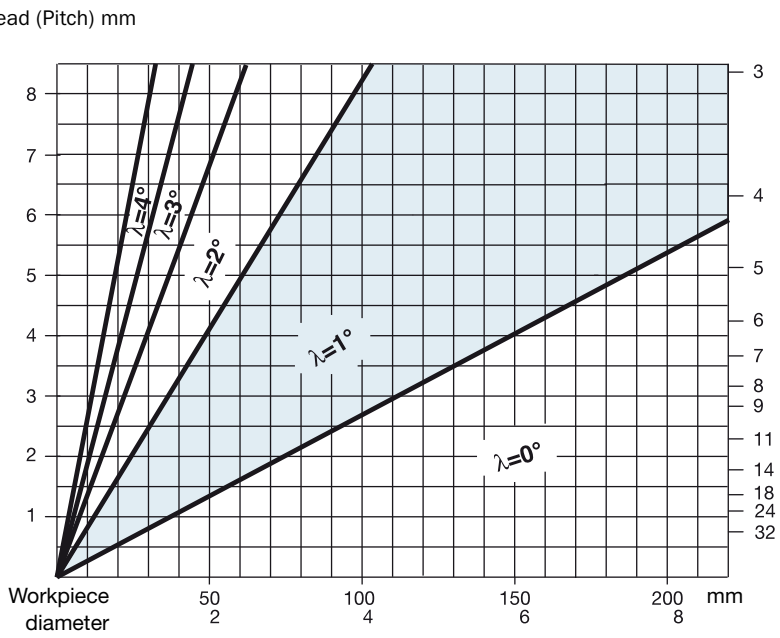
CoroThread® 266

The angle of inclination is calculated by using the formula:

$$\lambda = \tan^{-1}\left(\frac{P}{d_2 \times \pi}\right)$$

P = Pitch = 1/TPI
d_2 = Effective diameter of thread

λ = Angle of inclination



Pitch range mm	Insert size iC	Inclination angle	Shims For right hand external tool For left hand internal tool	Shims For left hand external tool For right hand internal tool
0.5-3.0	16	–2° –1° 0° 1° 2° 3° 4°	5322 389-22 5322 389-21 5322 389-10 5322 389-11[1)] 5322 389-12 5322 389-13 5322 389-14	5322 390-22 5322 390-21 5322 390-10 5322 390-11[1)] 5322 390-12 5322 390-13 5322 390-14
2.5-7.0	22	–2° –1° 0° 1° 2° 3° 4°	5322 379-22 5322 379-21 5322 379-10 5322 379-11[1)] 5322 379-12 5322 379-13 5322 379-14	5322 380-22 5322 380-21 5322 380-10 5322 380-11[1)] 5322 380-12 5322 380-13 5322 380-14
8.0	27	0° 1° 2° 3° 4°	5322 387-10 5322 387-11[1)] 5322 387-12 5322 387-13 5322 387-14	5322 388-10 5322 388-11[1)] 5322 388-12 5322 388-13 5322 388-14

Pitch range mm	Insert size	Inclination angle	Shims for holders 266R/LFA For right hand external tool For left hand internal tool	Shims for holders 266R/LFA For left hand external tool For right hand internal tool
0.5-3.0	16	0° 1° 2° 3° 4°	5322 391-10 5322 391-11[1)] 5322 391-12 5322 391-13 5322 391-14	5322 392-10 5322 392-11[1)] 5322 392-12 5322 392-13 5322 392-14

[1)] Delivered with the tool.

Note!
The last two figures in the shim code indicate + or - and the effective inclination angle with the shim mounted in the holder, e.g., 5322 379-11 = angle + 1° and 5322 379-21 = angle - 1°.

CoroThread® 266

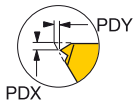
TPI	Inclination angle				
	4°	3°	2° (-2°)	1° (-1°)	0°
	Thread diameter, inch				
32	<.16	.16-.23	.23-.38	.38-1.14	>1.14
28	<.16	.16-.26	.26-.43	.43-1.30	>1.30
24	<.22	.22-.30	.30-.51	.51-1.52	>1.52
20	<.26	.26-.36	.36-.61	.61-1.82	>1.82
18	<.29	.29-.40	.40-.68	.68-2.03	>2.03
16	<.33	.33-.46	.46-.76	.76-2.28	>2.28
14	<.37	.37-.52	.52-.87	.87-2.61	>2.61
13	<.40	.40-.56	.56-.94	.94-2.81	>2.81
12	<.43	.43-.61	.61-1.01	1.01-3.04	>3.04
11	<.47	.47-.66	.66-1.11	1.11-3.32	>3.32
10	<.52	.52-.73	.73-1.22	1.22-3.65	>3.65
9	<.58	.58-.81	.81-1.35	1.35-4.05	>4.05
8	<.65	.65-.91	.91-1.52	1.52-4.56	>4.56
7	<.74	.74-1.04	1.04-1.74	1.74-5.21	>5.21
6	<.87	.87-1.22	1.22-2.03	2.03-6.08	>6.08
5	<1.04	1.04-1.46	1.46-2.43	2.43-7.30	>7.30
4	<1.30	1.30-1.82	1.82-3.04	3.04-9.12	>9.12
3	<1.74	1.74-2.43	2.43-4.05	4.05-12.15	>12.15

Pitch, mm	Inclination angle				
	4°	3°	2° (-2°)	1° (-1°)	0°
	Thread diameter, inch				
0.50	<.10	.10-.14	.14-.72	.24-.72	>.72
0.75	<.15	.15-.22	.22-.36	.36-1.08	>1.08
1.00	<.20	.20-.29	.29-.48	.48-1.44	>1.44
1.25	<.26	.26-.36	.36-.60	.60-1.80	>1.80
1.50	<.31	.31-.43	.43-.72	.72-2.15	>2.15
1.75	<.36	.36-.50	.50-.84	.84-2.51	>2.51
2.00	<.41	.41-.57	.57-.96	.96-2.87	>2.87
2.50	<.51	.51-.72	.72-1.20	1.20-3.59	>3.59
3.00	<.62	.62-.86	.86-1.44	1.44-4.31	>4.31
3.50	<.72	.72-1.00	1.00-1.68	1.68-5.03	>5.03
4.00	<.82	.82-1.15	1.15-1.92	1.92-5.74	>5.74
4.50	<.92	.92-1.29	1.29-2.15	2.15-6.46	>6.46
5.00	<1.02	1.02-1.44	1.44-2.39	2.39-7.18	>7.18
5.50	<1.13	1.13-1.58	1.58-2.63	2.63-7.90	>7.90
6.00	<1.23	1.23-1.72	1.72-2.87	2.87-8.62	>8.62
7.00	<1.26	1.26-2.00	2.00-3.35	3.35-10.04	>10.04
8.00	<1.64	1.64-2.30	2.30-3.83	3.83-11.84	>11.84

The angle of inclination is calculated by using the formula:

$$\lambda = \tan^{-1}\left(\frac{P}{d_2 \times \pi}\right)$$

P = Pitch = 1/TPI
d_2 = Effective diameter of thread
λ = Angle of inclination



Metric version

ISO Metric (MM), external

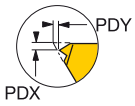
	Pitch, mm														
	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
PDY	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.67	1.67	1.67	1.38	1.08	0.88
PDX	0.50	0.50	0.80	0.80	1.00	1.20	1.40	1.40	1.80	2.50	2.50	2.50	2.50	2.50	2.80
No. of infeeds	Radial infeed per pass														
1	0.10	0.16	0.16	0.17	0.20	0.17	0.20	0.20	0.20	0.24	0.24	0.27	0.29	0.27	0.30
2	0.09	0.15	0.15	0.15	0.19	0.17	0.19	0.19	0.19	0.23	0.22	0.25	0.28	0.26	0.29
3	0.08	0.12	0.14	0.14	0.18	0.16	0.18	0.18	0.19	0.22	0.22	0.24	0.27	0.26	0.29
4	0.07	0.07	0.12	0.13	0.16	0.15	0.17	0.17	0.18	0.21	0.21	0.23	0.26	0.25	0.28
5			0.08	0.12	0.14	0.14	0.16	0.17	0.17	0.21	0.21	0.23	0.25	0.25	0.27
6				0.08	0.08	0.13	0.15	0.16	0.17	0.20	0.20	0.22	0.25	0.24	0.26
7						0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.24	0.23	0.26
8						0.08	0.08	0.14	0.15	0.17	0.18	0.20	0.23	0.23	0.25
9								0.12	0.14	0.16	0.17	0.19	0.22	0.22	0.24
10								0.08	0.13	0.15	0.16	0.18	0.20	0.21	0.23
11									0.12	0.13	0.15	0.17	0.19	0.20	0.22
12									0.08	0.08	0.14	0.16	0.17	0.19	0.20
13											0.12	0.14	0.15	0.18	0.19
14											0.08	0.10	0.10	0.16	0.17
15														0.14	0.15
16														0.10	0.10
Total infeed	0.34	0.50	0.65	0.79	0.95	1.11	1.26	1.56	1.88	2.18	2.49	2.79	3.10	3.39	3.70

ISO Metric (MM), internal

	Pitch, mm														
	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
PDY	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.64	1.64	1.64	1.35	1.06	0.87
PDX	0.50	0.50	0.80	0.80	1.00	1.20	1.40	1.40	1.80	2.50	2.50	2.50	2.50	2.50	2.40
No. of infeeds	Radial infeed per pass														
1	0.10	0.15	0.15	0.16	0.20	0.16	0.19	0.19	0.19	0.22	0.24	0.23	0.26	0.25	0.28
2	0.09	0.14	0.14	0.15	0.18	0.15	0.18	0.18	0.18	0.21	0.22	0.23	0.26	0.25	0.27
3	0.08	0.12	0.13	0.14	0.17	0.15	0.17	0.17	0.18	0.20	0.22	0.22	0.25	0.24	0.26
4	0.07	0.07	0.12	0.13	0.15	0.14	0.16	0.17	0.17	0.20	0.21	0.22	0.24	0.24	0.26
5			0.08	0.11	0.13	0.13	0.15	0.16	0.16	0.19	0.21	0.21	0.24	0.23	0.26
6				0.08	0.08	0.12	0.14	0.15	0.16	0.18	0.20	0.20	0.23	0.22	0.24
7						0.11	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.22	0.24
8						0.08	0.08	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.23
9								0.12	0.14	0.15	0.17	0.18	0.20	0.20	0.22
10								0.08	0.12	0.14	0.16	0.17	0.19	0.20	0.21
11									0.11	0.12	0.15	0.16	0.18	0.19	0.20
12									0.08	0.08	0.14	0.15	0.16	0.18	0.19
13											0.12	0.14	0.15	0.17	0.18
14											0.08	0.10	0.10	0.16	0.16
15														0.14	0.15
16														0.10	0.10
Total infeed	0.34	0.48	0.63	0.77	0.92	1.05	1.20	1.48	1.78	2.03	2.31	2.61	2.88	3.19	3.44

ISO inch (UN), external

	Pitch, mm																	
	32	28	24	20	18	16	14	13	12	11	10	9	8	7	6	5	4.5	4
PDY	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.67	1.67	1.38	1.09	0.79
PDX	0.50	0.80	0.80	0.80	1.00	1.00	1.20	1.40	1.40	1.40	1.40	1.80	1.80	2.50	2.50	2.50	2.65	2.90
No. of infeeds	Radial infeed per pass																	
1	0.17	0.15	0.18	0.18	0.20	0.19	0.18	0.20	0.22	0.21	0.21	0.21	0.22	0.25	0.24	0.29	0.28	0.32
2	0.16	0.14	0.16	0.17	0.18	0.18	0.18	0.19	0.21	0.20	0.20	0.20	0.21	0.24	0.23	0.29	0.28	0.32
3	0.13	0.13	0.15	0.15	0.17	0.17	0.17	0.18	0.20	0.19	0.19	0.19	0.20	0.23	0.23	0.28	0.27	0.31
4	0.08	0.11	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.18	0.18	0.19	0.20	0.22	0.22	0.27	0.26	0.30
5		0.08	0.08	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.17	0.18	0.19	0.21	0.21	0.26	0.26	0.29
6				0.08	0.08	0.12	0.14	0.14	0.15	0.16	0.16	0.17	0.18	0.20	0.21	0.25	0.25	0.28
7						0.08	0.12	0.12	0.13	0.15	0.15	0.16	0.17	0.19	0.20	0.24	0.24	0.27
8							0.08	0.08	0.08	0.13	0.14	0.15	0.16	0.18	0.19	0.23	0.23	0.26
9										0.08	0.12	0.14	0.15	0.17	0.18	0.22	0.22	0.25
10											0.08	0.12	0.14	0.15	0.17	0.21	0.22	0.24
11												0.08	0.12	0.13	0.16	0.19	0.21	0.23
12													0.08	0.08	0.15	0.18	0.19	0.22
13															0.14	0.15	0.18	0.20
14															0.10	0.10	0.17	0.18
15																	0.15	0.16
16																	0.10	0.10
Total infeed	0.54	0.60	0.70	0.84	0.92	1.04	1.17	1.24	1.35	1.47	1.62	1.79	2.02	2.26	2.64	3.17	3.51	3.94



Inch version

ISO Metric (MM), external

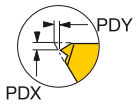
	Pitch, mm														
	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
PDY	.052	.052	.052	.052	.052	.052	.052	.052	.052	.066	.066	.066	.054	.043	.035
PDX	.020	.020	.031	.031	.039	.047	.055	.055	.071	.098	.098	.098	.098	.098	.110
No. of infeeds	Radial infeed per pass														
1	.004	.006	.006	.007	.008	.007	.008	.008	.008	.009	.009	.011	.011	.011	.012
2	.004	.006	.006	.006	.007	.007	.007	.007	.007	.009	.009	.010	.011	.010	.011
3	.003	.005	.006	.006	.007	.006	.007	.007	.007	.009	.009	.009	.011	.010	.011
4	.003	.003	.005	.005	.006	.006	.007	.007	.007	.008	.008	.009	.010	.010	.011
5			.003	.005	.006	.006	.006	.007	.007	.008	.008	.009	.010	.010	.011
6				.003	.003	.005	.006	.006	.007	.008	.008	.009	.010	.009	.010
7						.004	.005	.006	.006	.007	.007	.008	.009	.009	.010
8						.003	.003	.006	.006	.007	.007	.008	.009	.009	.010
9								.005	.006	.006	.007	.007	.009	.009	.009
10								.003	.005	.006	.006	.007	.008	.008	.009
11									.005	.005	.006	.007	.007	.008	.009
12									.003	.003	.006	.006	.007	.007	.008
13											.005	.006	.006	.007	.007
14											.003	.004	.004	.006	.007
15														.006	.006
16														.004	.004
Total infeed	.013	.020	.026	.031	.037	.044	.050	.061	.074	.086	.098	.110	.122	.133	.146

ISO Metric (MM), internal

	Pitch, mm														
	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
PDY	.051	.051	.051	.051	.051	.051	.051	.051	.051	.065	.065	.065	.053	.042	.034
PDX	.020	.020	.031	.031	.039	.047	.055	.055	.071	.098	.098	.098	.098	.098	.094
No. of infeeds	Radial infeed per pass														
1	.004	.006	.006	.006	.008	.006	.007	.007	.007	.009	.009	.009	.010	.010	.011
2	.004	.006	.006	.006	.007	.006	.007	.007	.007	.008	.009	.009	.010	.010	.011
3	.003	.005	.005	.006	.007	.006	.007	.007	.007	.008	.009	.009	.010	.009	.010
4	.003	.003	.005	.005	.006	.006	.006	.007	.007	.008	.008	.009	.009	.009	.010
5			.003	.004	.005	.005	.006	.006	.006	.007	.008	.008	.009	.009	.010
6				.003	.003	.005	.006	.006	.006	.007	.008	.008	.009	.009	.009
7						.004	.005	.006	.006	.007	.007	.008	.009	.009	.009
8						.003	.003	.005	.006	.006	.007	.007	.008	.009	.009
9								.005	.006	.006	.007	.007	.008	.008	.009
10								.003	.005	.006	.006	.007	.007	.008	.008
11									.004	.005	.006	.006	.007	.007	.008
12									.003	.003	.006	.006	.006	.007	.007
13											.005	.006	.006	.007	.007
14											.003	.004	.004	.006	.006
15														.006	.006
16														.004	.004
Total infeed	.013	.019	.025	.030	.036	.041	.047	.058	.070	.080	.091	.103	.113	.126	.135

ISO inch (UN), external

	Pitch, mm																	
	32	28	24	20	18	16	14	13	12	11	10	9	8	7	6	5	4.5	4
PDY	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.066	.066	.054	.043	.031
PDX	.020	.031	.031	.031	.039	.039	.047	.055	.055	.055	.055	.071	.071	.098	.098	.098	.104	.114
No. of infeeds	Radial infeed per pass																	
1	.007	.006	.007	.007	.008	.007	.007	.008	.009	.008	.008	.008	.009	.010	.009	.011	.011	.013
2	.006	.006	.006	.007	.007	.007	.007	.007	.008	.008	.008	.008	.008	.009	.009	.011	.011	.013
3	.005	.005	.006	.006	.007	.007	.007	.007	.008	.007	.007	.007	.008	.009	.009	.011	.011	.012
4	.003	.004	.005	.006	.006	.006	.006	.007	.007	.007	.007	.007	.008	.009	.009	.011	.010	.012
5		.003	.003	.005	.005	.006	.006	.006	.007	.007	.007	.007	.007	.008	.008	.010	.010	.011
6				.003	.003	.005	.006	.006	.006	.006	.006	.007	.007	.008	.008	.010	.010	.011
7						.003	.005	.005	.005	.006	.006	.006	.007	.007	.008	.009	.009	.011
8							.003	.003	.003	.005	.006	.006	.006	.007	.007	.009	.009	.010
9										.003	.005	.006	.006	.007	.007	.009	.009	.010
10											.003	.005	.006	.006	.007	.008	.009	.009
11												.003	.005	.005	.006	.007	.008	.009
12													.003	.003	.006	.007	.007	.009
13															.006	.006	.007	.008
14															.004	.004	.007	.007
15																	.006	.006
16																	.004	.004
Total infeed	.021	.024	.028	.033	.036	.041	.046	.049	.053	.058	.064	.070	.080	.089	.104	.125	.138	.155



Metric version

ISO inch (UN), internal

	Pitch, mm																	
	32	28	24	20	18	16	14	13	12	11	10	9	8	7	6	5	4.5	4
PDY	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.64	1.64	1.35	1.06	0.87
PDX	0.50	0.80	0.80	0.80	1.00	1.00	1.20	1.40	1.40	1.40	1.40	1.80	1.80	2.50	2.50	2.50	2.50	2.60
No. of infeeds	Radial infeed per pass																	
1	0.16	0.14	0.16	0.16	0.18	0.17	0.16	0.18	0.20	0.19	0.19	0.19	0.22	0.21	0.23	0.26	0.25	0.28
2	0.14	0.13	0.15	0.16	0.17	0.16	0.16	0.16	0.19	0.18	0.18	0.18	0.21	0.21	0.23	0.26	0.25	0.27
3	0.13	0.12	0.14	0.14	0.16	0.15	0.15	0.15	0.18	0.18	0.17	0.18	0.20	0.20	0.22	0.25	0.24	0.26
4	0.08	0.11	0.12	0.13	0.14	0.14	0.14	0.14	0.17	0.17	0.17	0.17	0.20	0.19	0.22	0.24	0.24	0.26
5		0.08	0.08	0.12	0.13	0.13	0.14	0.14	0.16	0.16	0.16	0.16	0.19	0.19	0.21	0.24	0.23	0.25
6				0.08	0.08	0.12	0.13	0.13	0.14	0.15	0.15	0.16	0.18	0.18	0.20	0.23	0.22	0.24
7						0.08	0.11	0.11	0.13	0.14	0.14	0.15	0.17	0.18	0.20	0.22	0.22	0.24
8							0.08	0.08	0.08	0.12	0.13	0.14	0.16	0.17	0.19	0.21	0.21	0.23
9										0.08	0.12	0.14	0.15	0.16	0.18	0.20	0.20	0.22
10											0.08	0.12	0.14	0.15	0.17	0.19	0.20	0.21
11												0.11	0.12	0.14	0.16	0.18	0.19	0.20
12												0.08	0.08	0.13	0.15	0.16	0.18	0.19
13														0.12	0.14	0.15	0.17	0.18
14														0.08	0.10	0.10	0.16	0.16
15																	0.14	0.15
16																	0.10	0.10
Total infeed	0.51	0.58	0.66	0.78	0.86	0.96	1.07	1.15	1.25	1.36	1.48	1.78	2.03	2.31	2.61	2.88	3.19	3.44

Whitworth (WH), external and internal

		Pitch, mm																
		28	26	20	19	18	16	14	12	11	10	9	8	7	6	5	4.5	4
External	PDY	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.67	1.67	1.38	0.99	0.59
	PDX	0.80	0.80	0.80	0.80	1.00	1.00	1.40	1.40	1.40	1.40	1.80	1.80	2.50	2.50	2.50	2.65	2.75
Internal	PDY				1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.64	1.64	1.35	0.96	0.67
	PDX				0.80	0.80	1.00	1.20	1.40	1.40	1.40	1.80	1.80	2.50	2.50	2.50	2.65	2.75
No. of infeeds		Radial infeed per pass																
1		0.16	0.17	0.19	0.20	0.17	0.17	0.20	0.23	0.22	0.22	0.22	0.23	0.26	0.25	0.31	0.30	0.34
2		0.15	0.16	0.18	0.18	0.16	0.16	0.19	0.22	0.21	0.21	0.21	0.22	0.26	0.25	0.30	0.29	0.33
3		0.14	0.14	0.16	0.17	0.16	0.15	0.18	0.21	0.20	0.20	0.20	0.21	0.25	0.24	0.29	0.29	0.32
4		0.12	0.13	0.15	0.15	0.15	0.15	0.17	0.19	0.19	0.19	0.20	0.21	0.24	0.23	0.28	0.28	0.31
5		0.08	0.08	0.13	0.13	0.13	0.14	0.16	0.18	0.18	0.18	0.19	0.20	0.23	0.23	0.28	0.27	0.30
6				0.08	0.08	0.12	0.13	0.14	0.16	0.17	0.17	0.18	0.19	0.22	0.22	0.27	0.26	0.29
7						0.08	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.25	0.25	0.28
8							0.08	0.08	0.08	0.13	0.15	0.16	0.17	0.19	0.20	0.24	0.25	0.27
9										0.08	0.13	0.14	0.16	0.18	0.19	0.23	0.24	0.26
10											0.08	0.12	0.14	0.16	0.18	0.22	0.23	0.25
11												0.08	0.12	0.14	0.17	0.20	0.22	0.24
12													0.08	0.08	0.16	0.18	0.20	0.22
13															0.14	0.16	0.19	0.21
14															0.10	0.10	0.17	0.19
15																	0.15	0.16
16																	0.10	0.10
Total infeed		0.64	0.68	0.88	0.92	0.97	1.08	1.23	1.42	1.54	1.70	1.87	2.10	2.39	2.78	3.32	3.69	4.06

BSPT (PT), external and internal

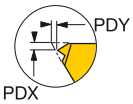
		Pitch, mm				
		28	19	14	11	8
External	PDY	1.32	1.32	1.32	1.40	1.32
	PDX	0.80	0.80	1.20	1.40	1.80
Internal	PDY	1.30	1.30	1.30	1.30	1.30
	PDX	0.80	0.80	1.20	1.40	1.80
No. of infeeds		Radial infeed per pass				
1		0.15	0.19	0.19	0.22	0.22
2		0.14	0.18	0.18	0.21	0.21
3		0.13	0.17	0.17	0.20	0.21
4		0.12	0.15	0.16	0.19	0.20
5		0.08	0.13	0.15	0.18	0.19
6			0.08	0.14	0.16	0.18
7				0.12	0.15	0.17
8				0.08	0.13	0.16
9					0.08	0.15
10						0.14
11						0.12
12						0.08
Total infeed		0.62	0.90	1.20	1.51	2.05

Round 30° Din405 (RN) external

	Pitch, TPI			
	10	8	6	4
PDY	1.33	1.33	1.43	1.38
PDX	0.83	1.05	1.50	2.60
No. of	Radial infeed per pass			
1	0.21	0.21	0.24	0.30
2	0.20	0.20	0.23	0.29
3	0.19	0.19	0.22	0.28
4	0.18	0.19	0.21	0.27
5	0.16	0.18	0.20	0.26
6	0.15	0.17	0.19	0.25
7	0.13	0.15	0.18	0.24
8	0.08	0.14	0.17	0.23
9		0.12	0.16	0.22
10		0.08	0.15	0.21
11			0.13	0.19
12			0.08	0.18
13				0.15
14				0.10
Total	1.30	1.63	2.17	2.95

Round 30° Din405 (RN) internal

	Pitch, TPI			
	10	8	6	4
PDY	1.30	1.30	1.45	1.35
PDX	1.85	1.05	1.35	2.60
No. of	Radial infeed per pass			
1	0.22	0.21	0.24	0.30
2	0.21	0.20	0.23	0.29
3	0.20	0.20	0.22	0.29
4	0.18	0.19	0.21	0.28
5	0.17	0.18	0.21	0.27
6	0.15	0.17	0.20	0.26
7	0.13	0.16	0.19	0.25
8	0.08	0.14	0.17	0.24
9		0.12	0.16	0.23
10		0.08	0.15	0.21
11			0.13	0.20
12			0.08	0.18
13				0.16
14				0.10
Total	.134	1.64	2.18	2.98



Inch version

ISO inch (UN), internal

	Pitch, mm																	
	32	28	24	20	18	16	14	13	12	11	10	9	8	7	6	5	4.5	4
PDY	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.065	.065	.053	.042	.034
PDX	.50	.031	.031	.031	.039	.039	.047	.055	.055	.055	.055	.071	.071	.098	.098	.098	.098	.102
No. of infeeds	Radial infeed per pass																	
1	.006	.006	.006	.006	.007	.007	.006	.007	.008	.007	.007	.007	.009	.008	.009	.010	.010	.011
2	.006	.005	.006	.006	.007	.006	.006	.006	.007	.007	.007	.007	.008	.008	.009	.010	.010	.011
3	.005	.005	.006	.006	.006	.006	.006	.006	.007	.007	.007	.007	.008	.008	.009	.010	.009	.010
4	.003	.004	.005	.005	.006	.006	.006	.006	.007	.007	.007	.007	.008	.007	.009	.009	.009	.010
5		.003	.003	.005	.005	.005	.006	.006	.006	.006	.006	.006	.007	.007	.008	.009	.009	.010
6				.003	.003	.005	.005	.005	.006	.006	.006	.006	.007	.007	.008	.009	.009	.009
7						.003	.004	.004	.005	.006	.006	.006	.007	.007	.008	.009	.009	.009
8							.003	.003	.003	.005	.005	.006	.006	.007	.007	.008	.008	.009
9										.003	.005	.006	.006	.006	.007	.008	.008	.009
10											.003	.005	.006	.006	.007	.007	.008	.008
11												.004	.005	.006	.006	.007	.007	.008
12												.003	.003	.005	.006	.006	.007	.007
13														.005	.006	.006	.007	.007
14														.003	.004	.004	.006	.006
15																	.006	.006
16																	.004	.004
Total infeed	.020	.023	.026	.031	.034	.038	.042	.045	.049	.054	.058	.070	.080	.091	.103	.113	.126	.135

Whitworth (WH), external and internal

		Pitch, mm																
		28	26	20	19	18	16	14	12	11	10	9	8	7	6	5	4.5	4
External	PDY	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.066	.066	.054	.039	.023
	PDX	.031	.031	.031	.031	.039	.039	.055	.055	.055	.055	.071	.071	.098	.098	.098	.104	.108
Internal	PDY				.051	.051	.051	.051	.051	.051	.051	.051	.051	.065	.065	.053	.038	.026
	PDX				.031	.031	.039	.047	.055	.055	.055	.071	.071	.098	.098	.098	.104	.108
No. of infeeds		Radial infeed per pass																
1		.006	.007	.007	.008	.007	.007	.008	.009	.009	.009	.009	.009	.010	.010	.012	.012	.013
2		.006	.006	.007	.007	.006	.006	.007	.009	.008	.008	.008	.009	.010	.010	.012	.011	.013
3		.006	.006	.006	.007	.006	.006	.007	.008	.008	.008	.008	.008	.010	.009	.011	.011	.013
4		.005	.005	.006	.006	.006	.006	.007	.007	.007	.007	.008	.008	.009	.009	.011	.011	.012
5		.003	.003	.005	.005	.005	.006	.006	.007	.007	.007	.007	.008	.009	.009	.011	.011	.012
6				.003	.003	.005	.005	.006	.006	.007	.007	.007	.007	.009	.009	.011	.010	.011
7						.003	.004	.005	.006	.006	.006	.007	.007	.008	.008	.010	.010	.011
8							.003	.003	.003	.005	.006	.006	.007	.007	.008	.009	.010	.011
9										.003	.005	.006	.006	.007	.007	.009	.009	.010
10											.003	.005	.006	.006	.007	.009	.009	.010
11												.003	.005	.006	.007	.008	.009	.009
12													.003	.003	.006	.007	.008	.009
13															.006	.006	.007	.008
14															.004	.004	.007	.007
15																	.006	.006
16																	.004	.004
Total infeed		.025	.027	.035	.036	.038	.043	.048	.056	.061	.067	.074	.083	.094	.109	.131	.145	.160

BSPT (PT), external and internal

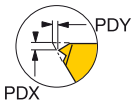
		Pitch, mm				
		28	19	14	11	8
External	PDY	.052	.052	.052	.055	.052
	PDX	.031	.031	.047	.055	.071
Internal	PDY	.051	.051	.051	.051	.051
	PDX	.031	.031	.047	.055	.071
No. of infeeds		Radial infeed per pass				
1		.006	.007	.007	.009	.009
2		.006	.007	.007	.008	.008
3		.005	.007	.007	.008	.008
4		.005	.006	.006	.007	.008
5		.003	.005	.006	.007	.007
6			.003	.006	.006	.007
7				.005	.006	.007
8				.003	.005	.006
9					.003	.006
10						.006
11						.005
12						.003
Total infeed		.024	.035	.047	.059	.081

Round 30° Din405 (RN) external

	Pitch, TPI			
	10	8	6	4
PDY	.052	.052	.056	.054
PDX	.033	.041	.059	.102
No. of	Radial infeed per pass			
1	.008	.008	.009	.012
2	.008	.008	.009	.011
3	.007	.007	.009	.011
4	.007	.007	.008	.011
5	.006	.007	.008	.010
6	.006	.007	.007	.010
7	.005	.006	.007	.009
8	.003	.006	.007	.009
9		.005	.006	.009
10		.003	.006	.008
11			.005	.007
12			.003	.007
13				.006
14				.004
Total	.051	.064	.085	.116

Round 30° Din405 (RN) internal

	Pitch, TPI			
	10	8	6	4
PDY	.051	.051	.057	.053
PDX	.073	.041	.053	.102
No. of	Radial infeed per pass			
1	.009	.008	.009	.012
2	.008	.008	.009	.011
3	.008	.008	.009	.011
4	.007	.007	.008	.011
5	.007	.007	.008	.011
6	.006	.007	.008	.010
7	.005	.006	.007	.010
8	.003	.006	.007	.009
9		.005	.006	.009
10		.003	.006	.008
11			.005	.008
12			.003	.007
13				.006
14				.004
Total	.053	.065	.086	.117



Metric version

ACME (AC), external

	Pitch, mm								
	16	14	12	10	8	6	5	4	3
PDY	1.33	1.33	1.33	1.33	1.50	1.37	1.37	0.76	0.54
PDX	1.00	1.10	1.20	1.30	1.50	1.90	2.10	2.40	3.30
No. of infeeds	Radial infeed per pass								
1	0.22	0.20	0.20	0.20	0.20	0.24	0.26	0.28	0.31
2	0.20	0.19	0.19	0.20	0.20	0.23	0.25	0.28	0.31
3	0.19	0.18	0.18	0.19	0.19	0.23	0.25	0.27	0.30
4	0.17	0.17	0.17	0.18	0.18	0.22	0.24	0.26	0.30
5	0.14	0.15	0.16	0.17	0.18	0.21	0.23	0.26	0.29
6	0.08	0.13	0.15	0.16	0.17	0.20	0.23	0.25	0.28
7		0.08	0.13	0.15	0.16	0.20	0.22	0.24	0.28
8			0.08	0.14	0.15	0.19	0.21	0.23	0.27
9				0.12	0.14	0.18	0.20	0.22	0.26
10				0.08	0.13	0.17	0.19	0.22	0.25
11					0.12	0.16	0.18	0.21	0.24
12					0.08	0.14	0.16	0.19	0.23
13						0.10	0.14	0.18	0.22
14							0.10	0.17	0.21
15								0.15	0.20
16								0.10	0.19
17									0.17
18									0.15
19									.100
Total infeed	0.99	1.10	1.26	1.60	1.91	2.46	2.87	3.51	4.57

NPT (NT), external and internal

		Pitch, TPI				
		27	18	14	11½	8
External	PDY	1.03	1.03	1.03	1.03	1.03
	PDX	0.80	1.00	1.20	1.40	1.60
Internal	PDY	0.72	1.01	1.01	1.01	1.01
	PDX	0.85	1.20	1.20	1.40	1.60
No. of infeeds		Radial infeed per pass				
1		0.15	0.17	0.18	0.18	0.21
2		0.15	0.17	0.17	0.17	0.21
3		0.14	0.16	0.16	0.17	0.20
4		0.13	0.15	0.16	0.16	0.20
5		0.11	0.14	0.15	0.16	0.19
6		0.08	0.13	0.15	0.15	0.18
7			0.11	0.14	0.15	0.18
8			0.08	0.13	0.14	0.17
9				0.11	0.13	0.17
10				0.08	0.12	0.16
11					0.11	0.15
12					0.08	0.14
13						0.13
14						0.11
15						0.08
Total infeed		0.62	0.90	1.20	1.51	2.05

ACME (AC), internal

	Pitch, mm								
	16	14	12	10	8	6	5	4	3
PDY	1.30	1.30	1.33	1.33	1.14	1.33	0.92	0.81	0.54
PDX	0.80	1.00	1.10	1.20	1.50	2.00	2.20	2.40	3.30
No. of infeeds	Radial infeed per pass								
1	0.22	0.21	0.21	0.21	0.21	0.24	0.26	0.29	0.31
2	0.21	0.20	0.20	0.20	0.20	0.23	0.26	0.28	0.31
3	0.19	0.19	0.19	0.20	0.20	0.23	0.25	0.27	0.30
4	0.17	0.17	0.18	0.19	0.19	0.22	0.24	0.27	0.29
5	0.14	0.16	0.16	0.18	0.18	0.21	0.24	0.26	0.29
6	0.08	0.13	0.15	0.17	0.17	0.21	0.23	0.25	0.28
7		0.08	0.13	0.16	0.17	0.20	0.22	0.24	0.27
8			0.08	0.14	0.16	0.19	0.21	0.23	0.27
9				0.12	0.15	0.18	0.20	0.23	0.26
10				0.08	0.13	0.17	0.19	0.22	0.25
11					0.12	0.16	0.18	0.21	0.24
12					0.08	0.14	0.16	0.20	0.23
13						0.10	0.15	0.18	0.22
14							0.10	0.17	0.21
15								0.15	0.20
16								0.10	0.19
17									0.17
18									0.15
19									.100
Total infeed	1.02	1.14	1.30	1.64	1.95	2.48	2.90	3.54	4.56

NPTF (NT), external and internal

		Pitch, mm				
		27	18	14	11½	8
External	PDY	1.03	1.03	1.03	1.03	1.03
	PDX	0.80	1.00	1.20	1.40	1.60
Internal	PDY			1.01	1.01	1.01
	PDX			1.20	1.40	1.60
No. of infeeds		Radial infeed per pass				
1		0.14	0.16	0.17	0.17	0.19
2		0.13	0.16	0.17	0.17	0.19
3		0.13	0.15	0.16	0.16	0.18
4		0.12	0.14	0.16	0.16	0.18
5		0.11	0.13	0.15	0.15	0.18
6		0.08	0.12	0.15	0.15	0.17
7			0.11	0.13	0.14	0.17
8			0.08	0.12	0.14	0.16
9				0.11	0.13	0.16
10				0.08	0.12	0.15
11					0.11	0.14
12					0.08	0.14
13						0.13
14						0.12
15						0.11
16						0.08
Total infeed		0.70	1.06	1.41	1.69	2.36

Stub-ACME (SA), external and internal

		Pitch, mm								
		16	14	12	19	8	6	5	4	3
External	PDY	1.32	1.32	1.32	1.32	1.23	1.67	1.67	1.67	1.76
	PDX	0.90	1.00	1.10	1.20	1.50	1.80	2.00	2.40	3.10
Internal	PDY		1.64	1.33	1.30	1.20	1.64	1.64	1.64	1.76
	PDX		2.40	1.10	1.20	1.50	1.80	2.00	2.40	3.10
No. of infeeds		Radial infeed per pass								
1		0.18	0.20	0.18	0.21	0.22	0.24	0.25	0.24	0.25
2		0.16	0.18	0.17	0.20	0.21	0.23	0.24	0.24	0.24
3		0.15	0.17	0.16	0.19	0.19	0.22	0.23	0.23	0.24
4		0.13	0.14	0.15	0.17	0.18	0.21	0.22	0.22	0.23
5		0.08	0.08	0.13	0.15	0.17	0.19	0.21	0.21	0.22
6				0.08	0.13	0.15	0.18	0.19	0.20	0.22
7					0.08	0.13	0.16	0.18	0.19	0.21
8						0.08	0.14	0.16	0.18	0.20
9							0.08	0.14	0.17	0.19
10								0.09	0.16	0.18
11									0.14	0.17
12									0.09	0.16
13										0.15
14										0.13
15										0.09
Total infeed		0.70	0.77	0.87	1.13	1.33	1.64	1.90	2.27	2.90

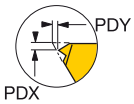
MJ, external

		Pitch, mm	
		1.5	2
PDY		1.32	1.32
PDX		1.00	1.40
No. of infeeds		Radial infeed	
1		0.20	0.19
2		0.18	0.18
3		0.17	0.17
4		0.15	0.16
5		0.13	0.15
6		0.08	0.14
7			0.12
8			0.08
Total		0.92	1.21

SANDVIK Coromant

US

Inch version



ACME (AC), external

	Pitch, mm								
	16	14	12	10	8	6	5	4	3
PDY	.052	.052	.052	.052	.059	.054	.054	.030	.021
PDX	.039	.043	.047	.051	.059	.075	.083	.094	.130
No. of infeeds	Radial infeed per pass								
1	.009	.008	.008	.008	.008	.009	.010	.011	.012
2	.008	.007	.007	.008	.008	.009	.010	.011	.012
3	.007	.007	.007	.007	.007	.009	.010	.011	.012
4	.007	.007	.007	.007	.007	.009	.009	.010	.012
5	.006	.006	.006	.007	.007	.008	.009	.010	.011
6	.003	.005	.006	.006	.007	.008	.009	.010	.011
7		.003	.005	.006	.006	.008	.009	.009	.011
8			.003	.006	.006	.007	.008	.009	.011
9				.005	.006	.007	.008	.009	.010
10				.003	.005	.007	.007	.009	.010
11					.005	.006	.007	.008	.009
12					.003	.006	.006	.007	.009
13						.004	.006	.007	.009
14							.004	.007	.008
15								.006	.008
16								.004	.007
17									.007
18									.006
19									.004
Total infeed	.039	.043	.050	.063	.075	.097	.113	.138	.180

NPT (NT), external and internal

		Pitch, TPI				
		27	18	14	11½	8
External	PDY	.041	.041	.041	.041	.041
	PDX	.031	.039	.047	.055	.063
Internal	PDY	.028	.040	.040	.040	.040
	PDX	.033	.047	.047	.055	.063
No. of infeeds		Radial infeed per pass				
1		.006	.007	.007	.007	.008
2		.006	.007	.007	.007	.008
3		.006	.006	.006	.007	.008
4		.005	.006	.006	.006	.008
5		.004	.006	.006	.006	.007
6		.003	.005	.006	.006	.007
7			.004	.006	.006	.007
8			.003	.005	.006	.007
9				.004	.005	.007
10				.003	.005	.006
11					.004	.006
12					.003	.006
13						.005
14						.004
15						.003
Total infeed		.024	.035	.047	.059	.081

ACME (AC), internal

	Pitch, mm								
	16	14	12	10	8	6	5	4	3
PDY	.051	.051	.052	.052	.045	.052	.036	.032	.021
PDX	.031	.039	.043	.047	.059	.079	.087	.094	.130
No. of infeeds	Radial infeed per pass								
1	.009	.008	.008	.008	.008	.009	.010	.011	.012
2	.008	.008	.008	.008	.008	.009	.010	.011	.012
3	.007	.007	.007	.008	.008	.009	.010	.011	.012
4	.007	.007	.007	.007	.007	.009	.009	.011	.011
5	.006	.006	.006	.007	.007	.008	.009	.010	.011
6	.003	.005	.006	.007	.007	.008	.009	.010	.011
7		.003	.005	.006	.007	.008	.009	.009	.011
8			.003	.006	.006	.007	.008	.009	.011
9				.005	.006	.007	.008	.009	.010
10				.003	.005	.007	.007	.009	.010
11					.005	.006	.007	.008	.009
12					.003	.006	.006	.008	.009
13						.004	.006	.007	.009
14							.004	.007	.008
15								.006	.008
16								.004	.007
17									.007
18									.006
19									.004
Total infeed	.040	.045	.051	.065	.077	.098	.114	.139	.180

NPTF (NT), external and internal

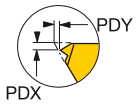
		Pitch, mm				
		27	18	14	11½	8
External	PDY	.041	.041	.041	.041	.041
	PDX	.031	.039	.047	.055	.063
Internal	PDY			.040	.040	.040
	PDX			.047	.055	.063
No. of infeeds		Radial infeed per pass				
1		.006	.006	.007	.007	.007
2		.005	.006	.007	.007	.007
3		.005	.006	.006	.006	.007
4		.005	.006	.006	.006	.007
5		.004	.005	.006	.006	.007
6		.003	.005	.006	.006	.007
7			.004	.005	.006	.007
8			.003	.005	.006	.006
9				.004	.005	.006
10				.003	.005	.006
11					.004	.006
12					.003	.006
13						.005
14						.005
15						.004
16						.003
Total infeed		.028	.042	.056	.067	.093

Stub-ACME (SA), external and internal

		Pitch, mm								
		16	14	12	19	8	6	5	4	3
External	PDY	.052	.052	.052	.052	.048	.066	.066	.066	.069
	PDX	.035	.039	.043	.047	.059	.071	.079	.094	.122
Internal	PDY		.065	.052	.051	.047	.065	.065	.065	.069
	PDX		.094	.043	.047	.059	.071	.079	.094	.122
No. of infeeds		Radial infeed per pass								
1		.007	.008	.007	.008	.009	.009	.010	.009	.010
2		.006	.007	.007	.008	.008	.009	.009	.009	.009
3		.006	.007	.006	.007	.007	.009	.009	.009	.009
4		.005	.006	.006	.007	.007	.008	.009	.009	.009
5		.003	.003	.005	.006	.007	.007	.008	.008	.009
6				.003	.005	.006	.007	.007	.008	.009
7					.003	.005	.006	.007	.007	.008
8						.003	.006	.006	.007	.008
9							.003	.006	.007	.007
10								.004	.006	.007
11									.006	.007
12									.004	.006
13										.006
14										.005
15										.004
Total infeed		.028	.030	.034	.044	.052	.065	.075	.089	.114

MJ, external

		Pitch, mm	
		1.5	2
PDY		.052	.052
PDX		.039	.055
No. of infeeds		Radial infeed	
1		.008	.007
2		.007	.007
3		.007	.007
4		.006	.006
5		.005	.006
6		.003	.006
7			.005
8			.003
Total		.036	.048



Metric version

Trapezoidal (TR), external and internal

		Pitch, mm							
		1.5	2	3	4	5	6	7	8
External	PDY	1.37	1.37	1.27	1.42	1.42	0.81	0.81	0.54
	PDX	1.00	1.10	1.60	1.90	2.10	2.40	2.40	3.30
Internal	PDY		1.40	1.29	1.45	1.45	0.83	1.03	0.54
	PDX		1.00	1.60	1.90	2.10	2.40	2.40	3.30
No. of infeeds		Radial infeed per pass							
1		0.22	0.22	0.20	0.24	0.27	0.29	0.34	0.32
2		0.21	0.21	0.19	0.23	0.27	0.29	0.33	0.31
3		0.19	0.20	0.18	0.22	0.26	0.28	0.32	0.31
4		0.17	0.19	0.18	0.22	0.25	0.27	0.32	0.30
5		0.14	0.17	0.17	0.21	0.24	0.27	0.31	0.29
6		0.08	0.16	0.17	0.20	0.23	0.26	0.30	0.29
7			0.13	0.16	0.19	0.22	0.25	0.29	0.28
8			0.08	0.15	0.18	0.21	0.24	0.28	0.27
9				0.14	0.17	0.20	0.23	0.26	0.26
10				0.13	0.16	0.19	0.22	0.25	0.25
11				0.11	0.14	0.17	0.21	0.24	0.25
12				0.08	0.13	0.16	0.20	0.22	0.24
13					0.08	0.13	0.19	0.21	0.23
14						0.08	0.17	0.19	0.22
15							0.15	0.16	0.20
16							0.10	0.10	0.19
17									0.17
18									0.15
19									0.10
Total infeed		1.02	1.36	1.86	2.37	2.88	3.63	4.12	4.62

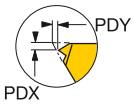
UNJ, external

		Pitch, mm									
		32	28	24	20	18	16	14	12	10	8
	PDY	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
	PDX	0.50	0.80	0.80	0.80	1.00	1.00	1.20	1.40	1.40	1.80
No. of infeeds		Radial infeed per pass									
1		0.16	0.14	0.16	0.16	0.18	0.17	0.17	0.20	0.19	0.20
2		0.14	0.13	0.15	0.15	0.17	0.16	0.16	0.19	0.19	0.20
3		0.13	0.12	0.14	0.14	0.16	0.16	0.16	0.18	0.18	0.19
4		0.08	0.11	0.12	0.13	0.15	0.15	0.15	0.17	0.17	0.18
5			0.08	0.08	0.12	0.13	0.13	0.14	0.16	0.16	0.18
6					0.08	0.08	0.12	0.13	0.15	0.15	0.17
7							0.08	0.11	0.13	0.14	0.16
8								0.08	0.08	0.13	0.15
9										0.12	0.14
10										0.08	0.13
11											0.12
12											0.08
Total infeed		0.51	0.57	0.66	0.78	0.87	0.97	1.10	1.27	1.52	1.90

Multi-point

		ISO metric					ISO metric, external				Whitworth (WH)			NPT
		Pitch					Pitch				Pitch			Pitch
		1.00	1.5	2.00	2.50	3.00	18	16	14	12	19	14	11	11½
	PDY	1.62	1.42	1.91	1.98	2.79	2.14	1.52	1.79	1.91	2.04	1.73	1.88	1.67
External	PDX	2.02	2.20	2.90	3.75	4.40	3.45	2.40	2.70	3.10	3.30	2.70	3.40	3.40
No. of ?infeeds		Radial infeed per pass												
1		0.34	0.36	0.47	0.46	0.55	0.49	0.39	0.44	0.52	0.49	0.47	0.45	0.50
2		0.31	0.33	0.46	0.43	0.52	0.43	0.36	0.41	0.47	0.43	0.43	0.43	0.48
3			0.26	0.33	0.40	0.48		0.29	0.32	0.36		0.33	0.39	0.44
4					0.27	0.33							0.27	0.31
Total infeed		0.65	0.95	1.26	1.56	1.88	0.92	1.04	1.17	1.35	0.92	1.23	1.54	1.73
		Pitch					Pitch				Pitch		Pitch	
		1.00	1.50	2.00	2.50	3.00	18	16	14	12	19	14	11	11½
	PDY	1.63	1.41	1.82	1.98	2.79				1.92		1.72	1.85	1.64
Internal	PDX	2.40	2.25	2.85	3.75	4.40				2.95		2.70	3.40	3.40
No. of ?infeeds		Radial infeed per pass												
1		0.33	0.35	0.46	0.45	0.52				0.47		0.45	0.43	0.50
2		0.30	0.32	0.42	0.42	0.49				0.44		0.41	0.41	0.48
3			0.25	0.32	0.36	0.45				0.34		0.32	0.39	0.44
4					0.25	0.32							0.27	0.31
Total infeed		0.63	0.92	1.20	1.48	1.78				1.25		1.18	1.50	1.73

SANDVIK Coromant



Inch version

Trapezoidal (TR), external and internal

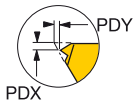
		Pitch,							
		1.5	2	3	4	5	6	7	8
External	PDY	.054	.054	.050	.056	.056	.032	.032	.021
	PDX	.039	.043	.063	.075	.083	.094	.094	.130
Internal	PDY		.055	.051	.057	.057	.033	.041	.021
	PDX		.039	.063	.075	.083	.094	.094	.130
No. of infeeds		Radial infeed per pass							
1		.009	.009	.008	.009	.011	.011	.013	.013
2		.008	.008	.007	.009	.011	.011	.013	.012
3		.007	.008	.007	.009	.010	.011	.013	.012
4		.007	.007	.007	.009	.010	.011	.013	.012
5		.006	.007	.007	.008	.009	.011	.012	.011
6		.003	.006	.007	.008	.009	.010	.012	.011
7			.005	.006	.007	.009	.010	.011	.011
8			.003	.006	.007	.008	.009	.011	.011
9				.006	.007	.008	.009	.010	.010
10				.005	.006	.007	.009	.010	.010
11				.004	.006	.007	.008	.009	.010
12				.003	.005	.006	.008	.009	.009
13					.003	.005	.007	.008	.009
14						.003	.007	.007	.009
15							.006	.006	.008
16							.004	.004	.007
17									.007
18									.006
19									.004
Total		.040	.054	.073	.093	.113	.143	.162	.182

UNJ, external

		Pitch, mm									
		32	28	24	20	18	16	14	12	10	8
	PDY	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052
	PDX	.020	.031	.031	.031	.039	.039	.047	.055	.055	.071
No. of infeeds		Radial infeed per pass									
1		.006	.006	.006	.006	.007	.007	.007	.008	.007	.008
2		.006	.005	.006	.006	.007	.006	.006	.007	.007	.008
3		.005	.005	.006	.006	.006	.006	.006	.007	.007	.007
4		.003	.004	.005	.005	.006	.006	.006	.007	.007	.007
5			.003	.003	.005	.005	.005	.006	.006	.006	.007
6					.003	.003	.005	.005	.006	.006	.007
7							.003	.004	.005	.006	.006
8								.003	.003	.005	.006
9										.005	.006
10										.003	.005
11											.005
12											.003
Total infeed		.020	.022	.026	.031	.034	.038	.043	.050	.060	.075

Multi-point

		ISO metric					ISO metric, external				Whitworth (WH)			NPT
		Pitch					Pitch				Pitch			Pitch
		1.00	1.5	2.00	2.50	3.00	18	16	14	12	19	14	11	11½
	PDY	.064	.056	.075	.078	.110	.084	.060	.070	.075	.080	.068	.074	.066
External	PDX	.080	.087	.114	.148	.173	.136	.094	.106	.122	.130	.106	.134	.134
No. of ?infeeds		Radial infeed per pass												
1		.013	.014	.019	.018	.022	.019	.015	.017	.020	.019	.019	.018	.020
2		.012	.013	.018	.017	.020	.017	.014	.016	.019	.017	.017	.017	.019
3			.010	.013	.016	.019		.011	.013	.014		.013	.015	.017
4					.011	.013							.011	.012
Total infeed		.026	.037	.050	.061	.074	.036	.041	.046	.053	.036	.048	.061	.068
		Pitch					Pitch				Pitch		Pitch	
		1.00	1.50	2.00	2.50	3.00	18	16	14	12	19	14	11	11½
	PDY	.064	.056	.072	.078	.110				.076		.068	.073	.065
Internal	PDX	.094	.089	.112	.148	.173				.116		.106	.134	.134
No. of ?infeeds		Radial infeed per pass												
1		.013	.014	.018	.018	.020				.019		.018	.017	.020
2		.012	.013	.017	.017	.019				.017		.016	.016	.019
3			.010	.013	.014	.018				.013		.013	.015	.017
4					.010	.013							.011	.012
Total infeed		.025	.036	.047	.058	.070				.049		.046	.059	.068



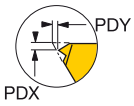
Metric version

API thread forms

Insert	Pitch, TPI	PDY	PDX	No. of infeeds															Total infeed
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
API 60° V-0.038R				Radial infeed per pass															
266RG-22V381A0402E	4	0.88	2.50	0.36	0.35	0.33	0.32	0.30	0.29	0.27	0.25	0.23	0.20	0.16	0.08				3.08
266RL-22V381A0402E	4	0.87	2.50	0.36	0.35	0.33	0.32	0.30	0.29	0.27	0.25	0.23	0.20	0.16	0.08				3.08
266RG-22V381A0403E	4	0.88	2.50	0.36	0.34	0.33	0.32	0.30	0.29	0.27	0.25	0.23	0.20	0.16	0.08				3.07
266RL-22V381A0403E	4	0.87	2.50	0.36	0.34	0.33	0.32	0.30	0.29	0.27	0.25	0.23	0.20	0.16	0.08				3.07
API 60° V-0.040																			
226RG-22V401A0503E	5	1.38	2.50	0.35	0.33	0.32	0.31	0.29	0.28	0.26	0.24	0.22	0.19	0.16	0.08				2.98
226RL-22V401A0503E	5	1.35	2.50	0.35	0.33	0.32	0.31	0.29	0.28	0.26	0.24	0.22	0.19	0.16	0.08				2.98
API 60° V-0.050																			
266RG-22V501A0402E	4	0.88	2.80	0.34	0.34	0.33	0.31	0.30	0.29	0.28	0.27	0.25	0.24	0.22	0.20	0.18	0.15	0.08	3.74
266RL-22V501A0402E	4	0.87	2.80	0.34	0.34	0.33	0.31	0.30	0.29	0.28	0.27	0.25	0.24	0.22	0.20	0.18	0.15	0.08	3.74
266RG-22V501A0403E	4	0.88	2.80	0.34	0.34	0.32	0.31	0.30	0.29	0.28	0.27	0.25	0.24	0.22	0.20	0.18	0.15	0.08	3.73
266RL-22V501A0403E	4	0.87	2.90	0.34	0.34	0.32	0.31	0.30	0.29	0.28	0.27	0.25	0.24	0.22	0.20	0.18	0.15	0.08	3.73
API Round 60°																			
266RG-22RD01A100E	10	1.32	1.30	0.18	0.18	0.17	0.16	0.16	0.15	0.14	0.13	0.11	0.08						1.40
266RL-22RD01A100E	10	1.30	1.30	0.18	0.18	0.17	0.16	0.16	0.15	0.14	0.13	0.11	0.08						1.40
266RG-22RD01A080E	8	1.32	1.50	0.19	0.19	0.18	0.18	0.17	0.16	0.16	0.15	0.14	0.13	0.11	0.08				1.80
266RL-22RD01A080E	8	1.30	1.50	0.20	0.19	0.18	0.18	0.17	0.16	0.16	0.15	0.14	0.13	0.11	0.08				1.81
API Buttress																			
226RG-22BU01A050E	5	1.87	2.00	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.08					1.65
226RL-22BU01A050E	5	1.67	2.00	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.08					1.65
226RG-22BU01A0501E	5	1.67	2.00	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.08					1.65
226RL-22BU01A0501E	5	1.67	2.00	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.08					1.65

US

Inch version



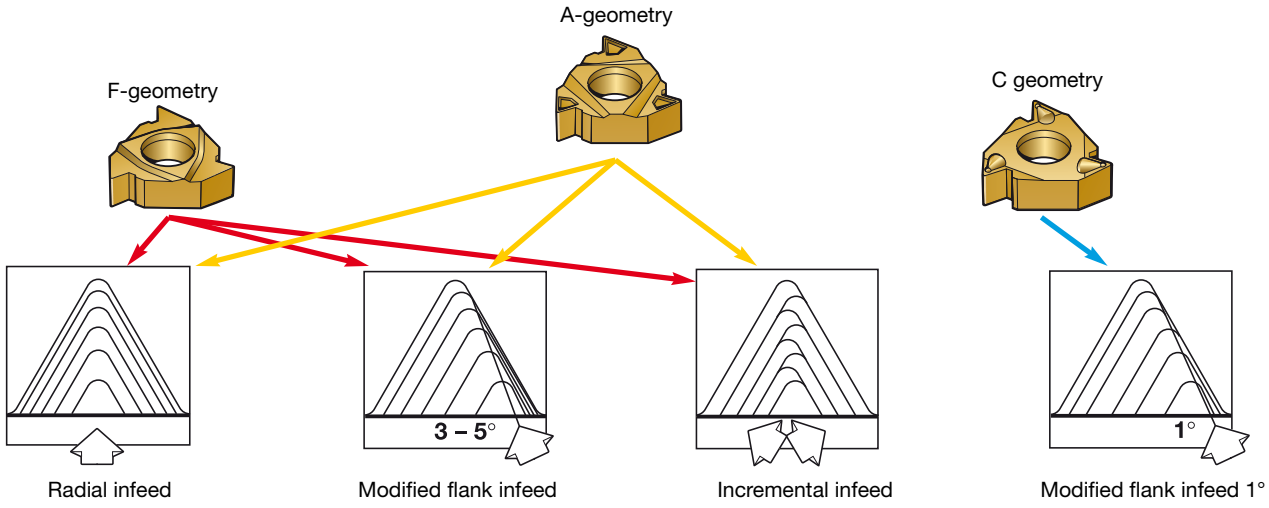
API thread forms

Insert	Pitch, TPI	PDY	PDX	No. of infeeds															Total infeed
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
API 60° V-0.038R				Radial infeed per pass															
266RG-22V381A0402E	4	.035	.098	.014	.014	.013	.013	.012	.011	.011	.010	.009	.008	.006	.003				.121
266RL-22V381A0402E	4	.034	.098	.014	.014	.013	.013	.012	.011	.011	.010	.009	.008	.006	.003				.121
266RG-22V381A0403E	4	.035	.098	.014	.013	.013	.013	.012	.011	.011	.010	.009	.008	.006	.003				.121
266RL-22V381A0403E	4	.034	.098	.014	.013	.013	.013	.012	.011	.011	.010	.009	.008	.006	.003				.121
API 60° V-0.040																			
226RG-22V401A0503E	5	.054	.098	.014	.013	.013	.012	.011	.011	.010	.009	.009	.007	.006	.003				.117
226RL-22V401A0503E	5	.053	.098	.014	.013	.013	.012	.011	.011	.010	.009	.009	.007	.006	.003				.117
API 60° V-0.050																			
266RG-22V501A0402E	4	.035	.110	.013	.013	.013	.012	.012	.011	.011	.011	.010	.009	.009	.008	.007	.006	.003	.147
266RL-22V501A0402E	4	.034	.110	.013	.013	.013	.012	.012	.011	.011	.011	.010	.009	.009	.008	.007	.006	.003	.147
266RG-22V501A0403E	4	.035	.110	.013	.013	.013	.012	.012	.011	.011	.011	.010	.009	.009	.008	.007	.006	.003	.147
266RL-22V501A0403E	4	.034	.114	.013	.013	.013	.012	.012	.011	.011	.011	.010	.009	.009	.008	.007	.006	.003	.147
API Round 60°																			
266RG-22RD01A100E	10	.052	.051	.007	.007	.007	.006	.006	.006	.006	.005	.004	.003						.055
266RL-22RD01A100E	10	.051	.051	.007	.007	.007	.006	.006	.006	.006	.005	.004	.003						.055
266RG-22RD01A080E	8	.052	.059	.007	.007	.007	.007	.007	.006	.006	.006	.006	.005	.004	.003				.071
266RL-22RD01A080E	8	.051	.059	.008	.007	.007	.007	.007	.006	.006	.006	.006	.005	.004	.003				.071
API Buttress																			
226RG-22BU01A050E	5	.074	.079	.008	.007	.007	.007	.007	.006	.006	.006	.005	.005	.003					.065
226RL-22BU01A050E	5	.066	.079	.008	.007	.007	.007	.007	.006	.006	.006	.005	.005	.003					.065
226RG-22BU01A0501E	5	.066	.079	.008	.007	.007	.007	.007	.006	.006	.006	.005	.005	.003					.065
226RL-22BU01A0501E	5	.066	.079	.008	.007	.007	.007	.007	.006	.006	.006	.005	.005	.003					.065

Infeed recommendations

The type of infeed, number of passes and size of infeed can have a decisive impact on the threading operation. The infeed recommendations are intended as starting values. Suitable number of passes must be determined by trial and error. The harder the workpiece, the more passes will be required.

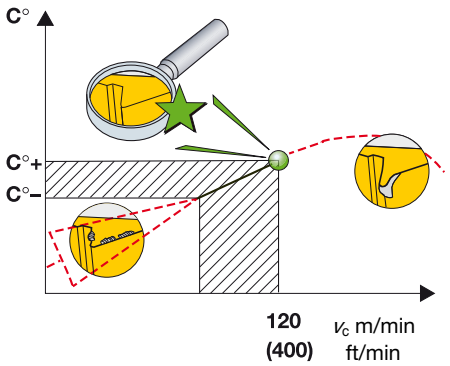
- The workpiece diameter should not be more than 0.14 mm (.006 inch) larger than the max diameter of the thread to achieve optimum tool life.
- Infeeds of less than 0.05 mm (.002 inch) should be avoided, for austenitic stainless steels not less than 0.08 mm (.003 inch).
- When using a Cubic Boron Nitride (CBN) grade, the max infeed value should be 0.07 mm (.003 inch).
- For C-geometry inserts, spring pass (a pass without infeed) should not be used.
- For Multi-point inserts, it is essential that the recommendations on page C108 are used.
- For V-profile inserts, use the same recommended number of passes as is used for full form inserts.



Cutting speed

Starting cutting speed recommendations are given on page C96. Careful observation on the cutting edge can help you to achieve the best possible threading results:

- Cutting speed too low - Built-up edge
- Cutting speed too high - Plastic deformation of the edge



Formula

Formula to calculate infeed for each pass in a reduced series.

$$\Delta_{ap\,x} = \frac{a_p}{\sqrt{nap-1}} \times \sqrt{\varphi}$$

Δ_{ap}	Radial infeed
x	Actual pass (in a series from 1 to *nap*)
a_p	Total depth of thread
nap	Number of infeeds. See page C102.
φ	1st pass = 0.3 2nd pass = 1 3rd and higher passes = x – 1

Grades for threading

P Steel, cast steel, martensitic stainless steel, long-chipping malleable iron



GC1125 (HC) - P20 (P05-P35)
PVD-coated grade with very good wear resistance for various steel threadings. To be used at high cutting speeds and long cutting times.



GC1020 (HC) - P20 (P10-P40)
Good, general purpose PVD coated grade for steel turning. Combindes good wear resistance with sharpness also in low carbon.



GC1135 (HC) – P25 (P10-P45)
Good all-purpose PVD-coated grade with good wear resistance and edge line toughness for various steel threadings. To be used at medium cutting speeds.

M Austenitic/ferritic/martensitic stainless steel, cast steel, manganese steel, alloy cast iron, malleable iron, free cutting steel.



GC1125 (HC) – M20 (M10-M30)
PVD-coated grade for stainless steels and other smearing materials at higher cutting speed.



GC1020 (HC) - N25 (N10-N30)
Good general purpose PVD coated grade with good wear resistance and edge sharpness in non-ferrous materials.



GC1135 (HC) – M25 (M10-M35)
Good all-purpose PVD-coated grade with good wear resistance and very good edge line toughness for stainless steels and other smearing materials. To be used at medium cutting speeds. First choice in ISO-M materials and toughness-demanding threading operations.

K Cast iron, chilled cast iron, short chipping malleable iron



GC1125 (HC) – K15 (K05-K20)
A PVD-coated grade. Combines the superior wear resistance of a coated grade with the edge sharpness and toughness of an uncoated grade. Optimized for steel threading and for medium to high speeds.



GC1020 (HC) – K10 (K01-K20)
Competitive, all-around threading grade. Works best at medium to low cutting speeds with a thin coating ideal for sharp cutting edges.



GC1135 (HC) – K20 (K10-K30)
A good all-round, PVD-coated grade with good wear resistance and edge-line toughness for various steel threadings. To be used at medium cutting speeds.

N Non-ferrous metals



GC1125 (HC) – N25 (N15-N35)
A PVD-coated grade. Combines the superior wear resistance of a coated grade with the edge sharpness and toughness of an uncoated grade. Optimized for steel threading and for medium to high speeds.



GC1020 (HC) – N25 (N10-N30)
A competitive, all-around threading grade. Works best at medium to low cutting speeds with a thin coating ideal for sharp cutting edges.



GC1135 (HC) – N25 (N10-N30)
A PVD-coated grade optimized for stainless steel and heat-resistant super alloys. The best choice for sharp profiles in all materials and low to medium speeds.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for threading

S Heat resistant super alloys



GC1020 (HC) – S20 (S05-S30)
A PVD coated carbide grade for toughness demanding super alloy operations. To be used at low cutting speeds.



GC1125 (HC) – S20 (S10-S25)
PVD-coated carbide grade for toughness demanding super alloy operations. To be used at lower cutting speeds.



GC1135 (HC) - S25 (S10-S35)
Good general purpose PVD-coated carbide grade for toughness-demanding super alloy threading. To be used at low cutting speeds. First choice in ISO S-area.

P M K N S O



GC1105 (HC) – S15 (S10-S20)
A PVD-coated carbide grade with high hot hardness and good resistance against plastic deformation, giving even flank wear and outstanding performance.



GC1025 (HC) – S25 (S15 – S35)
A PVD coated grade for toughness demanding operations, recommended for interrupted cuts. Used at low cutting speeds.

H Hardened materials



CB7015 (BN) – H15 (H01-H25)
This grade has a low content of cubic boron nitride which makes it suitable for threading applications in hardened steels.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TIC) or titanium nitrides (TIN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

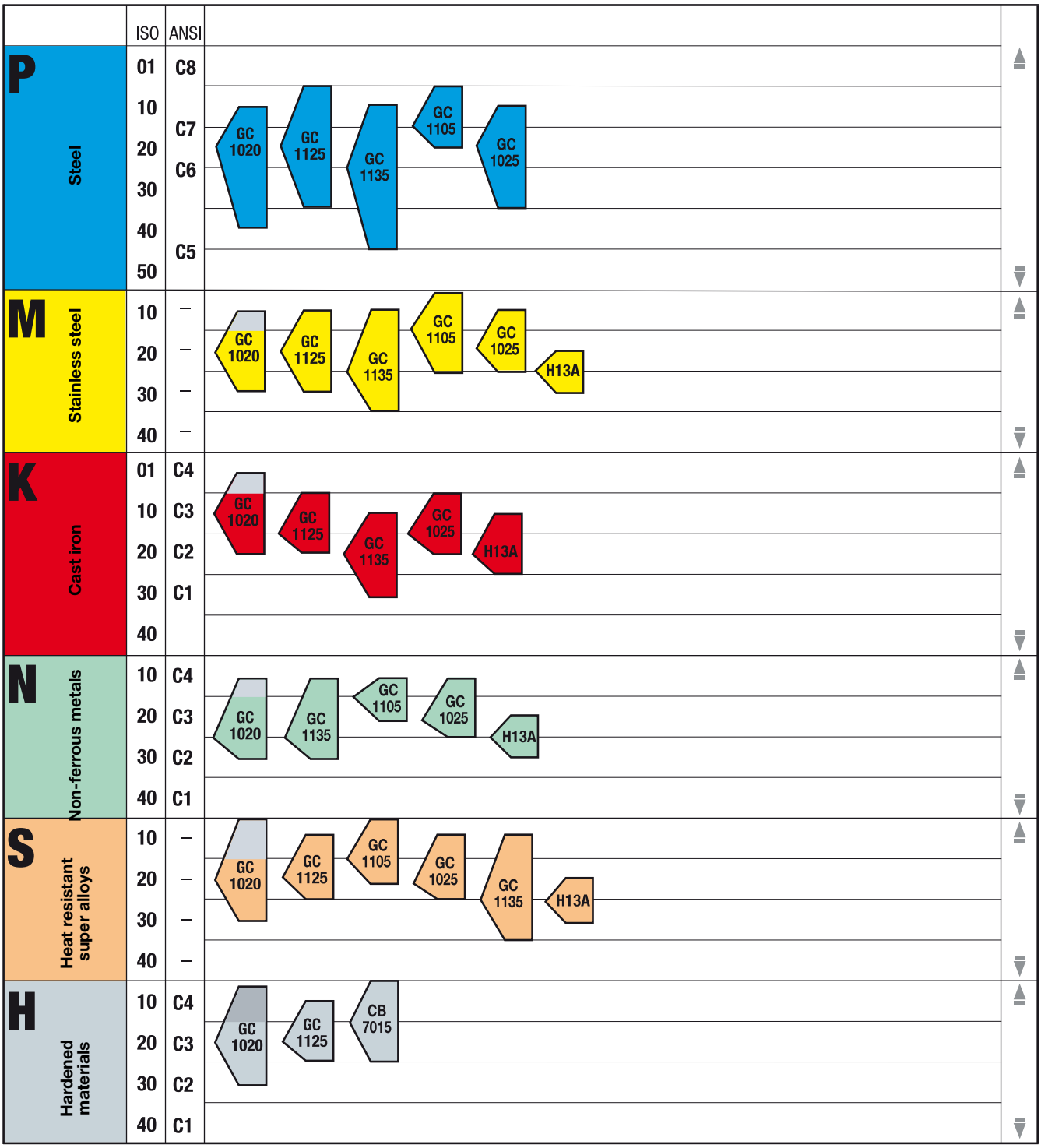
DP Polycrystalline diamond[1].

Cubic boron nitride:

BN Polycrystalline boron nitride[1].

[1] Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for threading



The position and form of the grade symbols indicate the suitable field of application.

Center of the field of application.



Recommended field of application.

Wear resistance

Toughness



Additional coverage due to the F-geometry



Multi-functional tools



CoroPlex™ TT D4

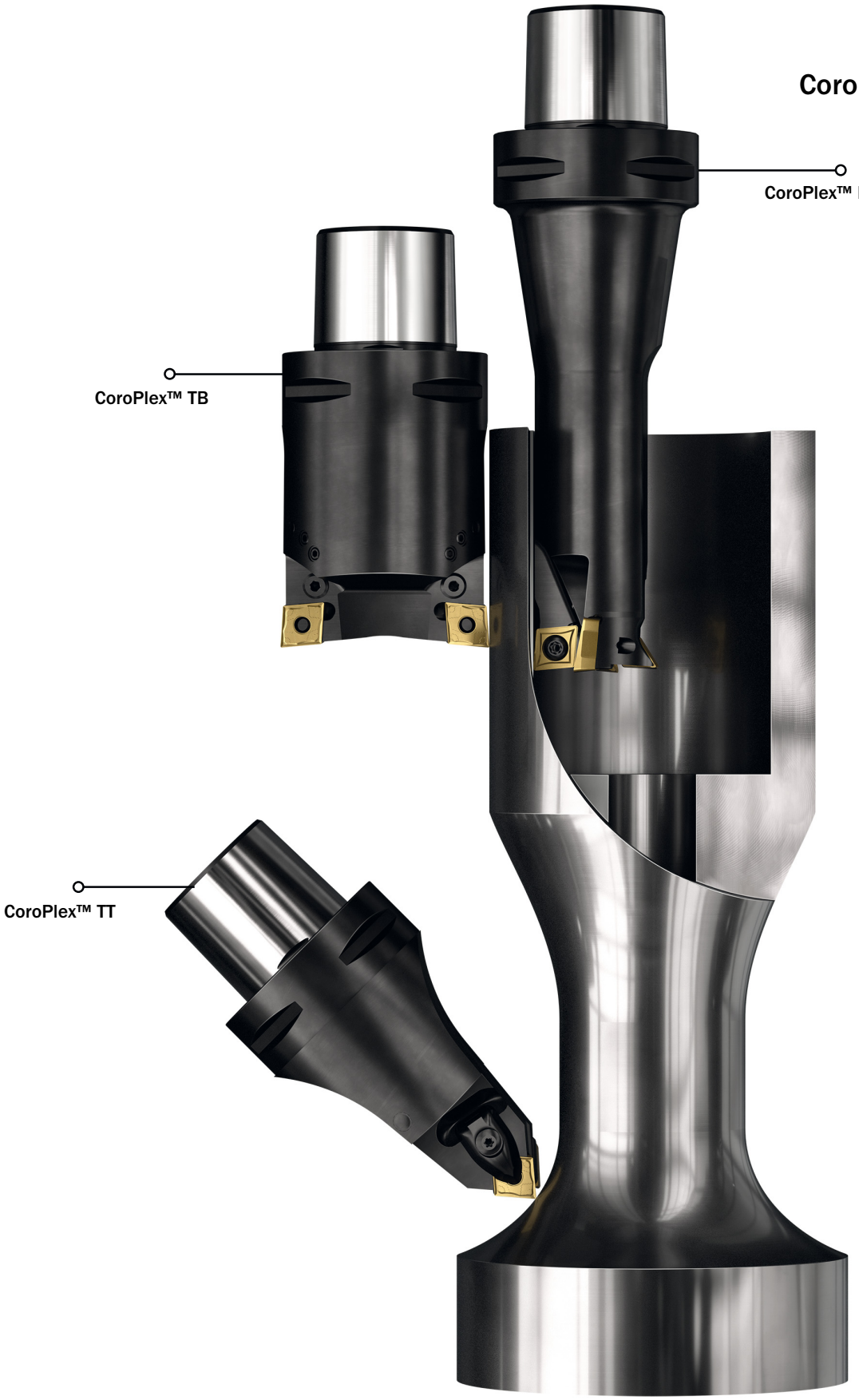
Inserts A174
Tools D5-D6

CoroPlex™ TB D7

Inserts A174
Tools D8

CoroPlex™ MT D9

Inserts A36
Tools D10



CoroPlex™ TT

Two turning tools in one

Application

- External turning
- Internal turning
- Profiling



ISO application area:

P M K S H

Benefits and features

- Reduced tool changing time
- Quick change with Coromant Capto®
- Coolant solution for multi-task machines
- Flexible tool holders optimized in length, stability

CoroPlex™ TT is a twin tool with great flexibility. With two turning inserts on the same tool, substantial tool changing time is saved. CoroPlex™ TT gives you a variety of solutions for most turning operations.

www.sandvik.coromant.com/coroplextt

Inserts

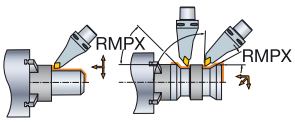
- T-Max® P – C-style inserts
- Insert geometries and grades for all materials

Tools

- Coromant Capto® cutting units

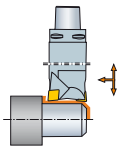
With tool spindle tilted 45°

- Face and longitudinal turning
- Profiling



With tool spindle tilted 90°

- External longitudinal turning
- External face turning
- Internal turning




A174


F2

SANDVIK Coromant

CoroPlex™ TT multifunctional tool for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

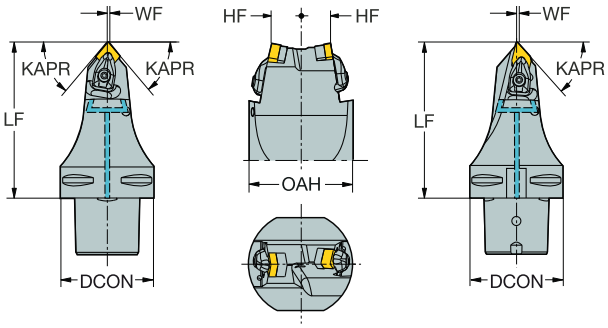


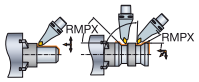
CNMM
CNMG
CNMA, CNGA





DNMM, DNMX
DNMG
DNMA, DNGA



	IC	CZC_{MS}	KAPR	CNSC	Ordering code	DCON	LF	WF	HF	OAH	BAR	KG	NM	MIID
		C5		1	**C5-T-DCM12DDM15L115**	50				70	80	1.8		
						1.969				*2.756*				
	1/2		50				115	0.5	20				3.9	CNMG 12 04 08
							4.528	*.020*	*.787*					*CNMG 432*
	1/2		48				115	0.5	20				3.9	DNMG 15 06 08
							4.528	*.020*	*.787*					*DNMG 442*
		C6		1	**C6-T-DCM12DDM15L105**	63				70	80	1.8		
						2.480				*2.756*				
	1/2		50				105	0.5	20				3.9	CNMG 12 04 08
							4.134	*.020*	*.787*					*CNMG 432*
	1/2		48				105	0.5	20				3.9	DNMG 15 06 08
							4.134	*.020*	*.787*					*DNMG 442*
		C6		1	**C6-T-DCM12DDM15L130**	63					80	2.5		
						2.480								
	1/2		50				130	0.5	20	70			3.9	CNMG 12 04 08
							5.118	*.020*	*.787*	*2.756*				*CNMG 432*
	1/2		48				130	0.5	20	70			3.9	DNMG 15 06 08
							5.118	*.020*	*.787*	*2.756*				*DNMG 442*
		C8		1	**C8-T-DCM16DDM15L160**	80				80	80	4.7		
						3.150				*3.150*				
	5/8		50				160	0.5	24				3.9	CNMG 12 04 08
							6.299	*.020*	*.945*					*CNMG 543*
	1/2		48				160	0.5	24				3.9	DNMG 15 06 08
							6.299	*.020*	*.945*					*DNMG 442*
		C10		1	**C10-T-DCM19DDM15L180**	100				80	80	6.2		
						3.937				*3.150*				
	3/4		50				180	0.5	24				6.4	CNMG 19 06 12
							7.087	*.020*	*.945*					*CNMG 643*
	1/2		48				180	0.5	24				3.9	DNMG 15 06 08
							7.087	*.020*	*.945*					*DNMG 442*

A174 F2 H37 H5

CoroPlex™ TT multifunctional tool for turning

Rigid clamp design

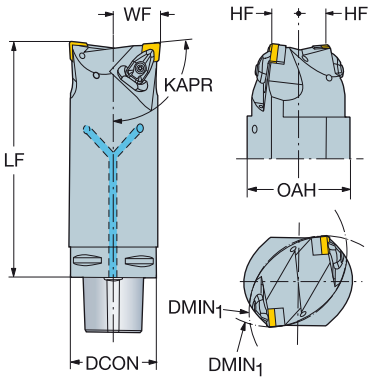
Coromant Capto® - Internal coolant supply

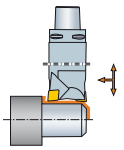
KAPR 95°
PSIR -5°









	IC	CZC$_{MS}$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	OAH	BAR	NM	KG	CICT	MIID
	12	1/2	C5	110	1	**C5-T-DCL12DCL12L130**	50	130	26	20	69	80	3.9	2.7	2	CNMG 12 04 08
				4.331			*1.969*	*5.118*	*1.024*	*.787*	*2.717*					*CNMG 432*
	12	1/2	C6	110	1	**C6-T-DCL12DCL12L165**	63	165	33	20	75	80	3.9	4.7	2	CNMG 12 04 08
				4.331			*2.480*	*6.496*	*1.299*	*.787*	*2.953*					*CNMG 432*
	16	5/8	C8	115	1	**C8-T-DCL16DCL16L200**	80	200	33	20	80	80	6.4	7.0	2	CNMG 16 06 12
				4.528			*3.150*	*7.874*	*1.299*	*.787*	*3.150*					*CNMG 543*

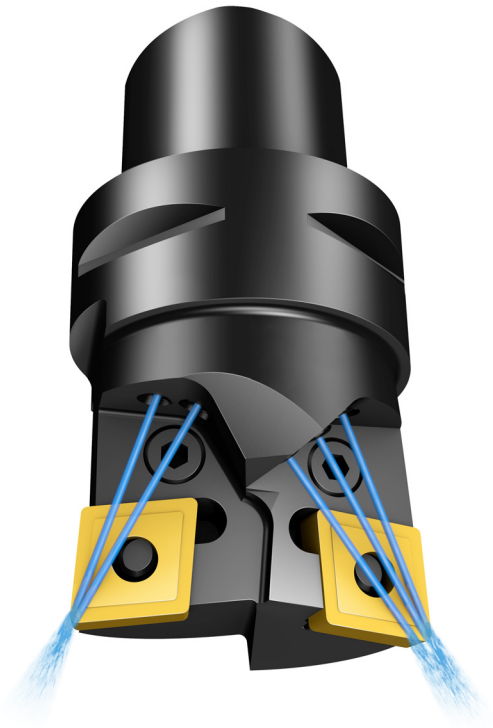
A174 F2 H37 H5

CoroPlex™ TB

Multifunctional turning boring bar dedicated for multi-task machines and turning centers.

Application

- Integrated solutions for turning centers:
  High volume, such as automotive transmission, bearings, etc.
- Modular solutions for multi-task machines and large turning centers,
  such as oil and gas



ISO application area:

P M K S H

Benefits and features

- Chip control and longer tool life
- Reduced set-up times with Coromant Capto®
- Quick tool changing for reduced machine downtime
- Reduced maintenance and downtime costs
- Quick change and modularity with Coromant Capto®
- Two inserts in the same tool
- Increased number of tool positions

www.sandvik.coromant.com/coroplextb

Inserts

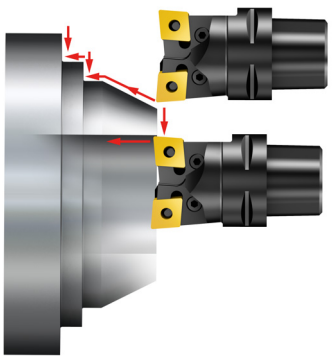
- T-Max® P – C-style inserts
- Insert geometries and grades for all materials

Tools

- Coromant Capto® cutting units

Application example – Speed gear with CoroPlex™ TB

The example shows how it is possible to use the same tool for turning of both the outer and inner diameter with no indexing time between the operations.





A174



F2

CoroPlex™ TB multifunctional tool for turning

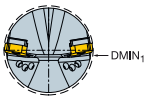
Lever clamp design

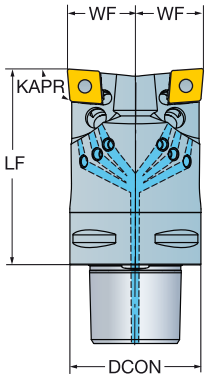
Coromant Capto® - Internal coolant supply

KAPR 95°
PSIR -5°

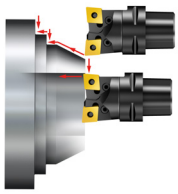








CNMM
CNMG
CNMA, CNGA

							Dimensions, mm, inch								
		IC	CZC_{MS}	$DMIN_1$	CNSC	**Ordering code**	DCON	LF	WF	HF	BAR	KG	NM	CICT	MIID
	12	1/2	C4	43	3	**C4-TB-CN12CN12-060**	40	60	21.0	0.0	80	0.5	5.0	2	CNMG 12 04 08
				1.693			*1.575*	*2.362*	*.827*	*.000*					
	12	1/2	C5	53	3	**C5-TB-CN12CN12-075**	50	75	26.0	0.0	80	1.0	5.0	2	CNMG 12 04 08
				2.087			*1.969*	*2.953*	*1.024*	*.000*					
	12	1/2	C6	66	3	**C6-TB-CN12CN12-090**	63	90	32.0	0.0	80	2.0	5.0	2	CNMG 12 04 08
				2.598			*2.480*	*3.543*	*1.260*	*.000*					

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SANDVIK Coromant

CoroPlex™ MT

Multifunctional tool for milling and turning, dedicated for multi-task machines.

Application

- Integrated solutions for turning centers:
  High volume, such as automotive transmission, bearings, etc.
- Modular solutions for multi-task machines and large turning centers,
  such as oil and gas

ISO application area:

P M K S



Benefits and features

- Quick change and modularity with Coromant Capto®
- Increased number of tool positions
- One milling and two turning tools in one
- Reduced tool changing time
- Saves tool pockets in tool magazine
- Stationary application as a turning tool, external or internal

www.sandvik.coromant.com/coroplexmt

Inserts

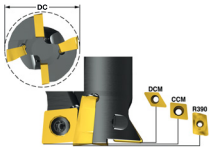
- CoroTurn® 107 C and D-style inserts
- CoroMill® 390 inserts, see Rotating Tools catalog

Tools

- Coromant Capto® cutting units

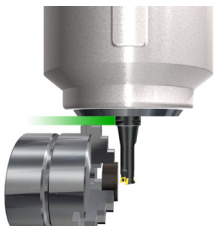
One tool for both rotating and stationary use

The CoroMill® 390 inserts are positioned slightly ahead of the CoroTurn® inserts—axially as well as radially—to guarantee that turning inserts are not in cut when the tool is applied rotating. It is therefore necessary, when internal turning of a blind hole, to stop feed and rotation before the CoroMill® 390 inserts get in contact with bottom face.



Tool lengths optimized for accessibility in multi-tasking

The tool bodies are extended by 65 mm compared to corresponding conventional tools to allow freer use of the working positions possible in multi-task machining without a need for extensions. Length and design of the tool body are optimized for each Coromant Capto® size to provide best accessibility relative to most common chuck sizes.




A36


F2

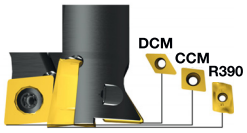
CoroPlex™ MT multifunctional tool for milling and turning

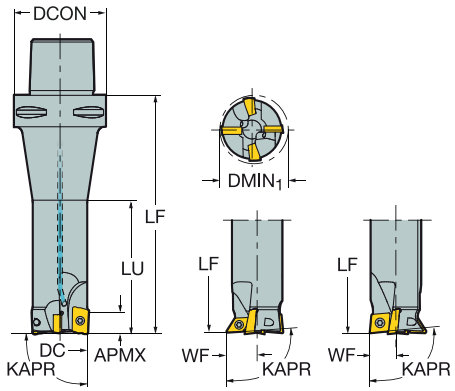
Lever clamp design

Coromant Capto® - Internal coolant supply

KAPR 95°



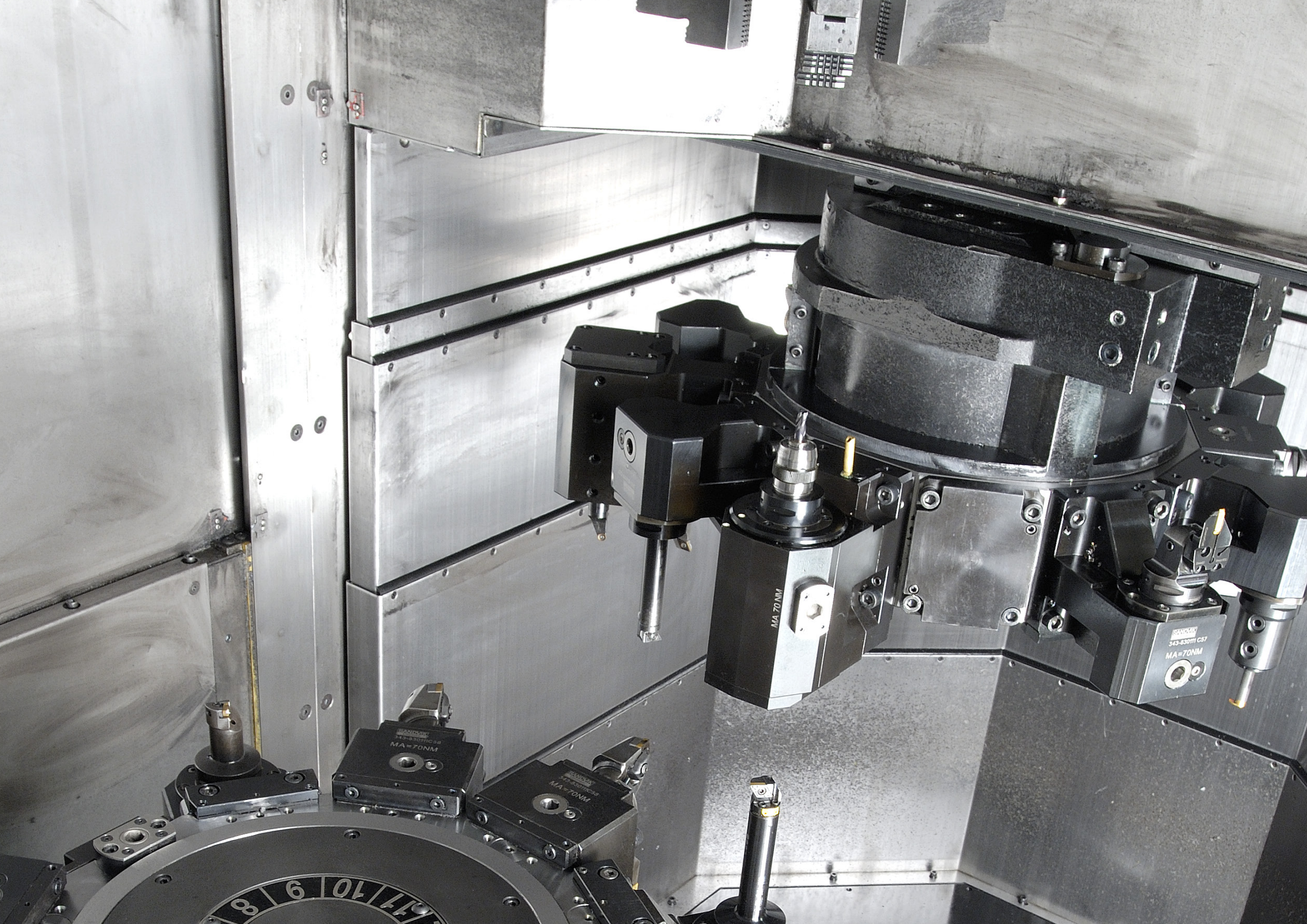




						Dimensions, mm, inch							Gauge inserts
	IC	CZC_{MS}	$DMIN_1$	CNSC	Ordering code	DCON	DC	LF	LU	APMX	KG	NM	MIID
07	1/4	C5	35	3	M-32C5-39011C09D07	50	32.0	130	81	10.0	1.1	3.0	R390-11..
			1.378			*1.969*	*1.260*	*5.118*	*3.189*	*.394*			*R390-11..*
07	11	C6	35	3	M-32C6-39011C09D07	63	32.0	165	81	10.0	1.9	3.0	DCMT 07 02 04
			1.378			*2.480*	*1.260*	*6.496*	*3.189*	*.394*			*DCMT 2(1.5)1*
18	1/2		43	3	M-40C6-39018C12D11	63	40.0	165	92	10.0	2.0	3.0	R390-18..
			1.693			*2.480*	*1.575*	*6.496*	*3.622*	*.394*			*CCMT 432*
18	18	C8	43	3	M-40C8-39018C12D11	80	40.0	200	92	10.0	3.6	3.0	CCMT 12 04 08
			1.693			*3.150*	*1.575*	*7.874*	*3.622*	*.394*			*R390-18..*

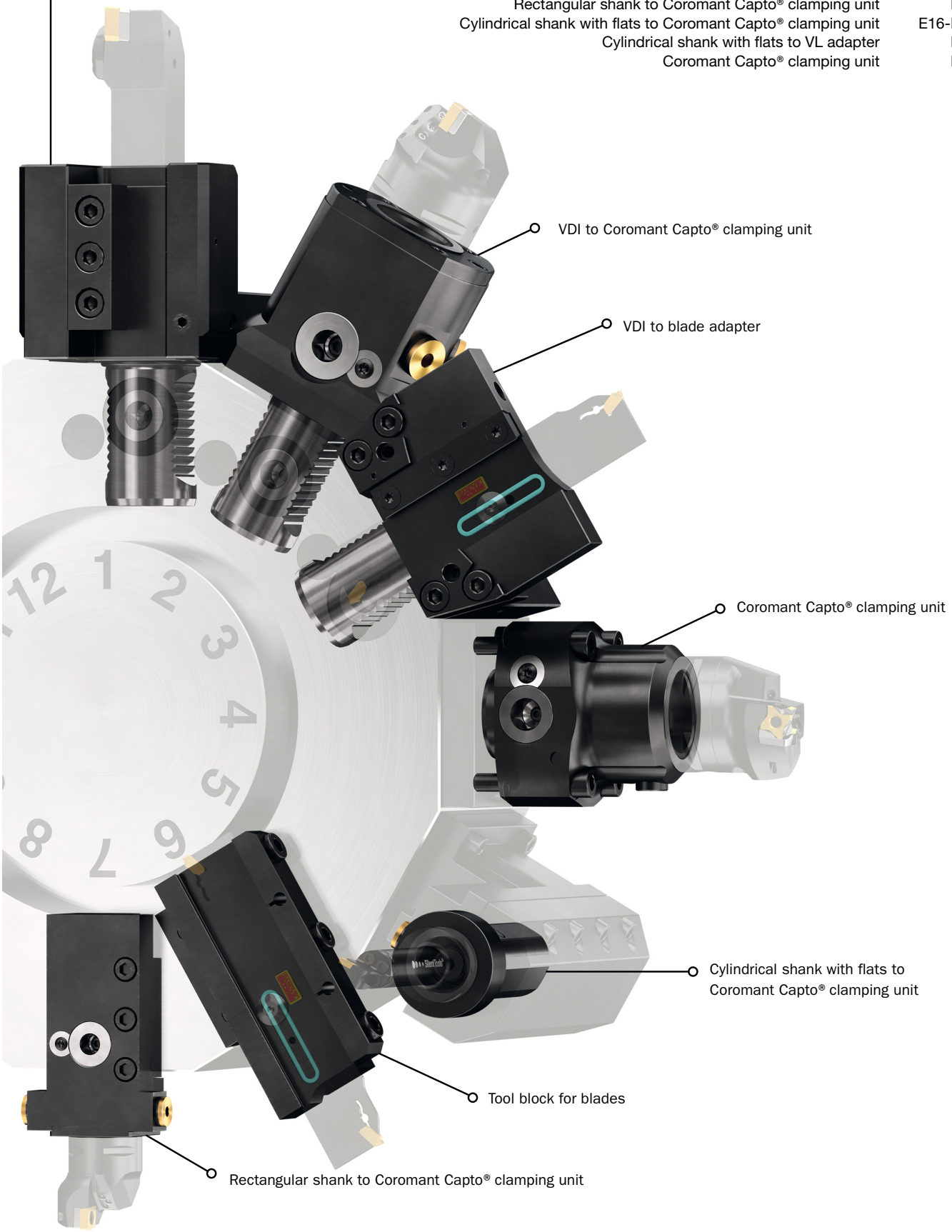
A36 F2 H37 H5

Tool holding


MA 70 NM
MA=70NM
MA=70NM
MA=70NM
8
9
10
11

Non-machine specific clamping units

VDI to Coromant Capto® clamping unit E6-E9
VDI to rectangular shank adapter E10
VDI to blade adapter E11
VDI to VL adapter E12
Tool block for blades E13-E14
Rectangular shank to Coromant Capto® clamping unit E15
Cylindrical shank with flats to Coromant Capto® clamping unit E16-E18
Cylindrical shank with flats to VL adapter E19
Coromant Capto® clamping unit E20



Machine adapted clamping units

Application

- Turning - Two-axis and four-axis
- Multi-Task machines



Technical features

- Quick change with Coromant Capto® tooling system
- Through coolant delivery on all clamping units
- High rigidity and precision for accurate tool positioning and stability

The assortment of clamping units shown in this catalog is a small sample of our total offer. Our non-machine specific clamping units can be found on the following pages. For machine specific clamping units, see the link below.

http://www.sandvik.coromant.com/macu



Quick Change Coromant Capto® clamping units provide unrivalled performance, ensuring that machine utilization is optimized through reduced setup and production time.





Available products

Below, find the interface to best suit your machine. Go to www.sandvik.coromant.com/macu for more information and to order the machine-specific clamping units and driven tool holders.

Turning centers with milling option

Machine	Interface	Model
Biglia	BI55A	B301, B501, B650, B658, B1200, BV210, BV315, B446, B465, B545, B565, B745, B765, B750, B1250 (16 station turret), Quattro B445, B470
Biglia	BI55B	B446, B465, B545, B565, B745, B765, B750, B1250 (16 station turret), Quattro B445, B470
DMG MORI	MS40A	DuraTurn 2050, 2550 MC, NL 1500, 2000 (20stn), NT 1000, 3100, 3150, 3200, NTX 1000, 2000, NZ/NZX 1500, 2000
DMG MORI	MS60A	NL, NLX 1500-4000 MC/ Y/ SMC/ CY , NT4200, 4250, NT4300, 5400, (NZL 2500), NZX 2500
DMG MORI	MS75A	NZX 4000, NLX6000
DMG MORI	MS110A	NZX 6000
DMG MORI	GM40V	CTX beta 4A, CTX beta
Doosan	BT45A	Lynx 220 M/LM, 220 LMS/LY/LSY, Puma MX1600 ST , Lynx 2100 M/MS
Doosan	BT55A	Puma TT1500, 1800 MS/SY Puma 230-280 M/MS, Puma 1500-2500 M/MS, Puma TL2000, 2500M, Lynx 300 M
Doosan	BT65A	Puma 2100, 2600, 3100 M/MS/Y/SY, TT2000, 2500 MS/SY, MX2000, 2500, 2600 T/ST/SY, 300 M/MS
Doosan	BT65A/B	Puma GT3100 M/LM
Doosan	BT75A	Puma 400, 480M/LM, V550 M, VT750 M, M-2SP
Doosan	BT85A	Puma 600/700/800 LM, VT900 M
Emag	EM55A	VL2, VLC100, VL4 turret size330 &360
Emag	EM65A	VL6
Emag	EM65B	VT4
Emag	EM75A	VL8
Emag	EM68A	VLC 250 , VL 3, 5, VSC 200, 250 , VTC 250
Hwacheon	BT55A	Cutex 160 MC
Hwacheon	BT65A/B/C	Cutex 240 MC/SMC, Hi-Tech 200 MC, Hi-Tech 450 MC/SMC/YMC/YSMC, T2 MC/SMC/YMC/YSMC
Hwacheon	BT75A/B	Hi-Tech 550 MC, VT 550 MC
Hwacheon	BT85A/B/C	Hi-Tech 850 MC/YMC, VT 950, 1150 MC
Hyundai Wia	BT55A	L160, 230MA/LMA/LMSA, LM1600, 1800 TTSY, SKT160, 180 TTMS/TTSY (BMT55)
Hyundai Wia	BT65A/B	L300 M/MS, L2100 Y/SY, L2600 Y/SY, LM2000, 2500 TTM/TTMS/TTSY, SKT250, 300 M/MS, SKT200, 250 TT M/MS/SY
Hyundai Wia	BT75A/B	L400, 500 MA/MC/LMC, LV800RM / SKT-V80RM, SKT400M
Hyundai Wia	BT85A/B	L600, 700, 800 M/LM, SKT600, 700 LM
Mazak	MZ40V	QTN200, 250M, MS, MSY
Mazak	MZ40X	Hyper Quadrex 200MSY, MultiPlex 6200, 6250Y
Mazak	MZ50V	QTN 300, 350, 400, 450M, MY, Hyper Quadrex 450M, STN 500, 550M, MTN 900M
Mazak	MZ68A	QTN 200M, 250M
Mazak	MZ68B	QTS 200M, 250M
Mazak	MZ68C	QTS 100M, 150M
Mazak	MZ80A	QTS 300M, 350M
Mazak	MZ-F	Cybertech Turn 4500/5500M, MT, MTN1600
Muratec Murata	MA-C	MT100
Muratec Murata	MA-E	MT200
Nakamura	NA44A	WT-100, WY-100, Super NTY3, NTJ-100
Nakamura	NA55A	WT-150, 250 II, Super NTJ, NTM3, NTJX, SC-200, 250, TW-10, 20 (16stn)
Nakamura	NA65A	WT-300, Super NTX, TW-20 (12stn), SC-300
Nakamura	NA75A	TW-30, SC-450, STW-40
Okuma	OK55A	LT 2000 EX, M, MY (16 stn)
Okuma	OK60A	LB2000, 2500, 3000 EX
Okuma	OK60B	LB4000 EX
Okuma	OK60C	LT3000 EX, M, MY
Okuma	OK80A	LB45 III MY

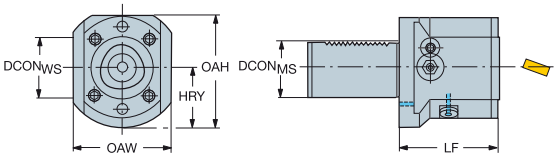
Turning centers without milling option

Machine	Interface	Model
DMG MORI	MS-A	DuraTurn 2030, 2050, 2550, NLX 2500, (CMZ TC 15 - 35, TL 20, 25)
DMG MORI	MS-B	SL400, 404
DMG MORI	MS-C	SL65, 600, 603, 75
DMG MORI	MS-D	CL2000
DMG MORI	GM40V (Trifix)	CTX beta 4A, CTX beta
Doosan	DO-A	Puma 2100, 2600, 3100
Doosan	DO-B	Puma 400
Doosan	DO-C	Puma 480, 600, 700, 800, 5100LB
Doosan	DO-D	Puma V550
Doosan	DO-E	Puma VT750
Doosan	DO-F	Puma VT900
Doosan	DO-G	Lynx 220, 2100A / LA/ B/ LB, 220 A/B, LSA/LSC
Fuji	FJ-A	DLFn
Mazak	MZ-A	QTS 200
Mazak	MZ-B	QTN 150, 200, 250, 300, 350, Quick Turn 18 (8 STN), QTS 300, 350
Mazak	MZ-C	QTN 400, 450, MTN 900
Mazak	MZ-D	ST50, STN 500, 550 metric
Mazak	MZ-E	ST60, 80, STN600, 800 metric
Mazak	MZ-G	ST50, STN 500, 550 inch
Mazak	MZ-H	ST60, 80, STN600, 800 inch
Muratec Murata	MA-A	MW120
Muratec Murata	MA-B	MW200
Muratec Murata	MA-D	MW40
Okuma	OK-A	SpaceTurn LB2000
Okuma	OK-B	LB/LU2500, 3000, 4000 EX, LU25, Captain L470, LB15, LB400, Genos L400
Okuma	OK-E	LU35, LB35
Okuma	OK-F	LU45, LB45

VDI to Coromant Capto® clamping unit

Machine-side interface VDI according to DIN 69880





					Dimensions, mm, inch							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	OAW	OAH	HRY	BAR PSI	KG
30	C3	6	2	C3-R/LC2030-00060M	30	32	60	50	61	34	80	1.4
					1.181	1.260	2.362	1.969	2.402	1.339	1160	
40	C4	6	2	C4-R/LC2040-00075M	40	40	75	75	75	41	80	2.4
					1.575	1.575	2.953	2.953	2.953	1.614	1160	
	C5	6	2	C5-R/LC2040-00085M	40	50	85	75	82	41	80	3.5
					1.575	1.969	3.346	2.953	3.228	1.614	1160	
50	C4	6	2	C4-R/LC2050-00065M	50	40	65	70	83	49	80	2.8
					1.969	1.575	2.559	2.756	3.268	1.929	1160	
	C5	6	2	C5-R/LC2050-00085M	50	50	85	83	90	49	80	4.5
					1.969	1.969	3.346	3.268	3.543	1.929	1160	
60	C5	6	2	C5-R/LC2060-00075M	60	50	75	80	100	58	80	12.2
					2.362	1.969	2.953	3.150	3.937	2.283	1160	
	C6	6	2	C6-R/LC2060-00095	60	63	95	84	111	58	80	7.4
					2.362	2.480	3.740	3.307	4.370	2.283	1160	

For spare parts, visit www.sandvik.coromant.com

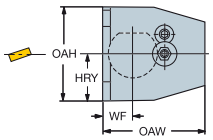
R = Right hand, L = Left hand

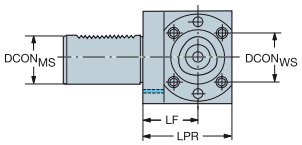
G2 H37 H5 E21

VDI to Coromant Capto® clamping unit

Machine-side interface VDI according to DIN 69880







					Dimensions, mm, inch									BAR PSI	KG
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	OAW	OAH	HTB	HRY		
30	C3	6	2	**C3-R/LC2030-41020M**	30	32	60	41	20.0	74	57	38	30	80	2.2
					1.181	1.260	2.362	1.614	.787	2.913	2.244	1.496	1.181	1160	
		6	2	**C3-R/LC2030-41030M**	30	32	60	41	30.0	74	57	41	30	80	2.2
					1.181	1.260	2.362	1.614	1.181	2.913	2.244	1.614	1.181	1160	
40	C4	6	2	**C4-R/LC2040-51030M**	40	40	75	51	30.0	86	75	54	38	80	3.9
					1.575	1.575	2.953	2.008	1.181	3.386	2.953	2.126	1.496	1160	
		6	2	**C4-R/LC2040-51040M**	40	40	75	51	40.0	86	75	60	38	80	4.2
					1.575	1.575	2.953	2.008	1.575	3.386	2.953	2.362	1.496	1160	
	C5	6	2	**C5-R/LC2040-53030M**	40	50	85	53	30.0	99	82	47	41	80	4.8
					1.575	1.969	3.346	2.087	1.181	3.898	3.228	1.850	1.614	1160	
		6	2	**C5-R/LC2040-53040M**	40	50	85	53	40.0	99	82	53	41	80	5.1
					1.575	1.969	3.346	2.087	1.575	3.898	3.228	2.087	1.614	1160	
50	C5	6	2	**C5-R/LC2050-53030M**	50	50	85	53	30.0	99	86	59	43	80	6.3
					1.969	1.969	3.346	2.087	1.181	3.898	3.386	2.323	1.693	1160	
		6	2	**C5-R/LC2050-53040M**	50	50	85	53	40.0	99	86	65	43	80	6.5
					1.969	1.969	3.346	2.087	1.575	3.898	3.386	2.559	1.693	1160	
60	C5	6	2	**C5-R/LC2060-43040M**	60	50	75	43	40.0	99	94	76	53	80	7.3
					2.362	1.969	2.953	1.693	1.575	3.898	3.701	2.992	2.087	1160	
	C6	6	2	**C6-R/LC2060-53040**	60	63	95	53	40.0	122	105	70	53	80	6.0
					2.362	2.480	3.740	2.087	1.575	4.803	4.134	2.756	2.087	1160	

Note! Tighten the screw with a torque wrench. Information on page G12.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

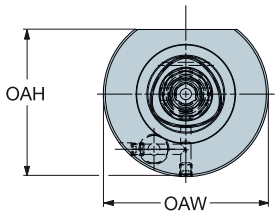
G2 H37 H5 E21

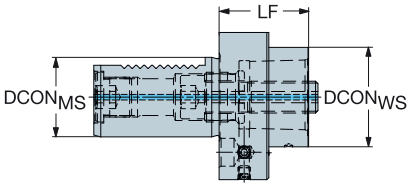
VDI to Coromant Capto® clamping unit

Machine-side interface VDI according to DIN 69880

Center bolt clamping







CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	BD_1	LB_1	LF	OAW	OAH	BAR PSI	NM	KG
30	C3	7	1	C3-NC3000-V30-035	30.0	32	32	15	35	68	62	80	35	0.830
					1.181	*1.260*	*1.260*	*.591*	*1.378*	*2.677*	*2.441*	*1160*		
	C4	7	1	C4-NC3000-V30-060	30.0	40	40	40	60	68	62	80	50	0.980
					1.181	*1.575*	*1.575*	*1.575*	*2.362*	*2.677*	*2.441*	*1160*		
40	C3	7	1	C3-NC3000-V40-030	40.0	32	40	10	30	83	74	80	35	1.460
					1.575	*1.260*	*1.575*	*.394*	*1.181*	*3.268*	*2.913*	*1160*		
	C4	7	1	C4-NC3000-V40-030	40.0	40	40	5	30	83	74	80	50	1.537
					1.575	*1.575*	*1.575*	*.197*	*1.181*	*3.268*	*2.913*	*1160*		
	C6	7	1	C6-NC3000-V40-090	40.0	63	63	70	90	83	74	80	90	2.590
					1.575	*2.480*	*2.480*	*2.756*	*3.543*	*3.268*	*2.913*	*1160*		
50	C3	7	1	C3-NC3000-V50-035	50.0	32	32	10	35	98	84	80	35	2.400
					1.969	*1.260*	*1.260*	*.394*	*1.378*	*3.858*	*3.307*	*1160*		
	C4	7	1	C4-NC3000-V50-040	50.0	40	40	15	40	98	84	80	50	2.500
					1.969	*1.575*	*1.575*	*.591*	*1.575*	*3.858*	*3.307*	*1160*		
	C5	7	1	C5-NC3000-V50-050	50.0	50	50	25	50	98	84	80	70	2.600
					1.969	*1.969*	*1.969*	*.984*	*1.969*	*3.858*	*3.307*	*1160*		
	C6	7	1	C6-NC3000-V50-070	50.0	63	63	45	70	98	84	80	90	3.102
					1.969	*2.480*	*2.480*	*1.772*	*2.756*	*3.858*	*3.307*	*1160*		
	C8	7	1	C8-NC3000-V50-100	50.0	80	80	75	100	98	90	80	130	4.556
					1.969	*3.150*	*3.150*	*2.953*	*3.937*	*3.858*	*3.543*	*1160*		
60	C5	7	1	C5-NC3000-V60-050	60.0	50	50	20	50	123	104	80	70	4.300
					2.362	*1.969*	*1.969*	*.787*	*1.969*	*4.843*	*4.094*	*1160*		
	C6	7	1	C6-NC3000-V60-050	60.0	63	63	20	50	123	104	80	90	4.200
					2.362	*2.480*	*2.480*	*.787*	*1.969*	*4.843*	*4.094*	*1160*		
	C8	7	1	C8-NC3000-V60-085	60.0	80	80	55	85	123	104	80	130	5.764
					2.362	*3.150*	*3.150*	*2.165*	*3.346*	*4.843*	*4.094*	*1160*		

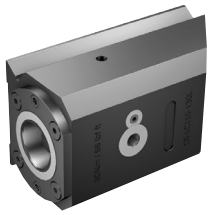
For spare parts, visit www.sandvik.coromant.com

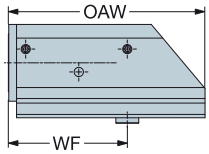
N = Neutral

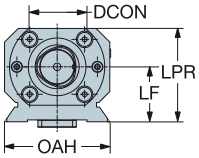
G2 H37 H5

VDI to Coromant Capto® clamping unit

Machine-side interface according to DIN 69881







CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	OAW	OAH	BAR PSI	KG
90	C5	2	2	C5-R/LC090-130L	50	82	50	130.0	210	90	80	9.7
					1.969	*3.228*	*1.969*	*5.118*	*8.268*	*3.543*	*1160*	
115	C6	2	2	C6-R/LC115-130L	63	102	60	130.0	215	115	80	16.7
					2.480	*4.016*	*2.362*	*5.118*	*8.465*	*4.528*	*1160*	
140	C6	2	2	C6-R/LC140-165L	63	102	60	165.0	215	140	80	25.0
					2.480	*4.016*	*2.362*	*6.496*	*8.465*	*5.512*	*1160*	
		2	2	C6-R/LC140-205L	63	102	60	205.0	350	140	80	28.2
					2.480	*4.016*	*2.362*	*8.071*	*13.780*	*5.512*	*1160*	
	C8	2	2	C8-R/LC140-165L	80	120	70	135.0	310	140	80	30.3
					3.150	*4.724*	*2.756*	*5.315*	*12.205*	*5.512*	*1160*	
		2	2	C8-R/LC140-205L	80	120	70	165.0	350	140	80	35.1
					3.150	*4.724*	*2.756*	*6.496*	*13.780*	*5.512*	*1160*	
	C10	2	1	C10-R/LC140-205L	100	153	90	205.0	350	140	80	35.0
					3.937	*6.024*	*3.543*	*8.071*	*13.780*	*5.512*	*1160*	

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand


G2



H37

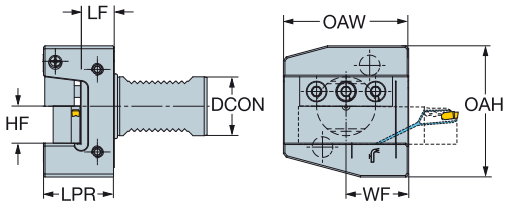


H5

VDI to rectangular shank adapter

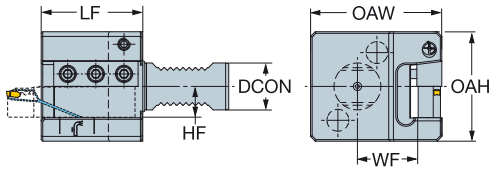
Machine-side interface according to DIN 69880





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	HF	OAW	OAH	BAR PSI	NM	KG
30	20 x 20	7	6	ASHA-R/L-VDI30-20-HP	30	35	15	35.0	20	70	73	80	10	1.330
					1.181	*1.398*	*.610*	*1.378*	*.787*	*2.756*	*2.874*	*1160*		
40	25 x 25	7	6	ASHA-R/L-VDI40-25-HP	40	48	23	42.5	25	85	89	80	25	2.644
					1.575	*1.890*	*.906*	*1.673*	*.984*	*3.346*	*3.504*	*1160*		
50	25 x 25	7	6	ASHA-R/L-VDI50-25-HP	50	48	23	50.0	25	100	110	80	25	4.421
					1.969	*1.890*	*.906*	*1.969*	*.984*	*3.937*	*4.331*	*1160*		





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	OAW	OAH	RADH	RADW	BAR PSI	NM	KG
30	20 x 20	7	6	ASHN-VDI30-20-HP	30	70	35.5	20	85	70	35	55	80	10	2.074
					1.181	2.756	1.398	.787	3.366	2.756	1.378	2.185	1160		
40	25 x 25	7	6	ASHN-VDI40-25-HP	40	85	25.5	25	92	88	44	50	80	25	3.200
					1.575	3.346	1.004	.984	3.642	3.465	1.732	1.988	1160		

For spare parts, visit www.sandvik.coromant.com

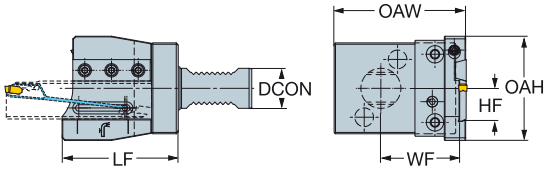
R = Right hand, L = Left hand

H37 H5 E22

VDI to blade adapter

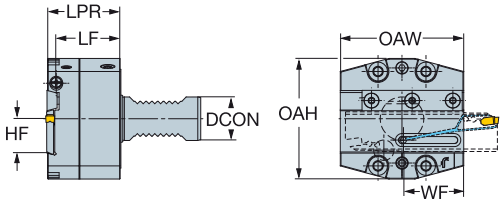
Machine-side interface according to DIN 69880





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	OAW	OAH	BAR PSI	KG
25	21R/L	1	2	**APBR/L-VDI25-21-HP**	25	80	38.0	21	84	73	80	1.440
					.984	*3.150*	*1.496*	*.843*	*3.307*	*2.874*	*1160*	
30	25R/L	1	2	**APBR/L-VDI30-25-HP**	30	87	46.0	25	98	78	80	1.935
					1.181	*3.425*	*1.811*	*.984*	*3.878*	*3.071*	*1160*	
40	25R/L	1	2	**APBR/L-VDI40-25-HP**	40	80	67.5	25	118	100	80	3.212
					1.575	*3.150*	*2.657*	*.984*	*4.665*	*3.937*	*1160*	





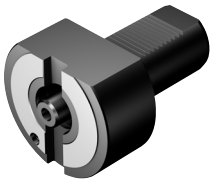
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	HF	OAW	OAH	BAR PSI	KG
30	25R/L	6	3	**APBA-R/L-VDI30-25-HP**	30	50	45	42.5	25	85	83	80	2.714
					1.181	*1.988*	*1.791*	*1.673*	*.984*	*3.346*	*3.268*	*1160*	
40	25R/L	6	3	**APBA-R/L-VDI40-25-HP**	40	50	45	42.5	25	85	83	80	3.000
					1.575	*1.988*	*1.791*	*1.673*	*.984*	*3.346*	*3.268*	*1160*	
50	25R/L	6	3	**APBA-R/L-VDI50-25-HP**	50	50	45	42.5	25	85	92	80	3.664
					1.969	*1.988*	*1.791*	*1.673*	*.984*	*3.346*	*3.622*	*1160*	

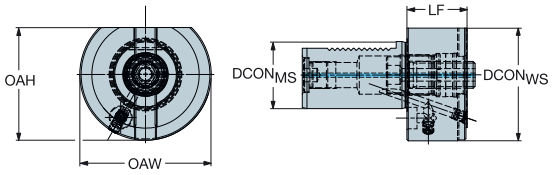
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

H37 H5 E22

VDI to VL adapter





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	OAW	OAH	BAR PSI	NM	KG
50	80	7	1	VL80-NC3000-V50	50.0	80	45	98	84	80	190	3.253
					1.969	3.150	1.772	3.858	3.307	1160		
60	80	7	1	VL80-NC3000-V60	60.0	80	45	123	104	80	190	5.458
					2.362	3.150	1.772	4.843	4.114	1160		

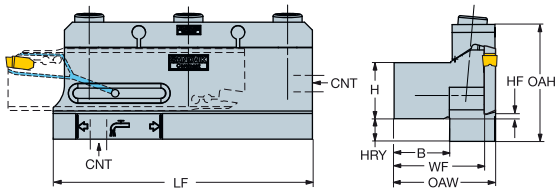
For spare parts, visit www.sandvik.coromant.com

N = Neutral

H37 H5

Tool block for blades





Metric version

						Dimensions, mm										
CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	Ordering code	B	H	LF	WF	HF	OAW	OAH	RADW	CNT	BAR	KG
20 x 20	21R/L	5.0	2	2	BA-R/LGC2020-21M	20.0	20.0	85.0	34.0	20.0	39.0	46.0	39.0	G1/8	70	0.7
	25R/L	5.0	2	2	BA-R/LGC2020-25M	20.0	20.0	115.0	35.0	20.0	40.0	51.0	40.0	G1/8	70	1.1
25 x 25	21R/L	5.0	2	2	BA-R/LGC2525-21M	25.0	25.0	85.0	39.0	25.0	44.0	48.0	44.0	G1/8	70	0.9
	25R/L	5.0	2	2	BA-R/LGC2525-25M	25.0	25.0	115.0	40.0	25.0	45.5	52.0	45.5	G1/8	70	1.3
32 x 32	25R/L	5.0	2	2	BA-R/LGC3232-25M	32.0	32.0	115.0	46.0	32.0	52.5	54.0	52.5	G1/8	70	1.6
	45R/L	5.0	2	2	BA-R/LGC3232-45	32.0	32.0	155.0	47.0	45.0	55.0	77.0	55.0	G1/8	70	2.9
40 x 40	45R/L	5.0	2	2	BA-R/LGC4040-45	40.0	40.0	155.0	55.0	45.0	63.0	77.0	63.0	G1/8	70	3.5

Inch version

						Dimensions, inch										
CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	Ordering code	B	H	LF	WF	HF	OAW	OAH	RADW	CNT	PSI	LBS
3/4 x 3/4	21R/L	.197	2	2	BA-R/LGC12-21M	.750	.750	3.346	1.317	.750	1.535	1.850	1.535	G1/8	1015	1.3
	25R/L	.197	2	2	BA-R/LGC12-25M	.750	.750	4.528	1.339	.750	1.535	2.008	1.535	G1/8	1015	1.8
1 x 1	25R/L	.197	2	2	BA-R/LGC16-25M	1.000	1.000	4.528	1.575	1.000	1.772	2.047	1.772	G1/8	1015	2.9
1 1/4 x 1 1/4	25R/L	.197	2	2	BA-R/LGC20-25M	1.250	1.250	4.528	1.813	1.250	2.067	2.126	2.067	G1/8	1015	3.7
	45R/L	.197	2	2	BA-R/LGC20-45	1.250	1.250	6.102	1.850	1.772	2.165	3.032	2.165	G1/8	1015	6.0
1 1/2 x 1 1/2	45R/L	.197	2	2	BA-R/LGC24-45	1.500	1.500	6.102	2.087	1.772	2.402	2.008	2.402	G1/8	1015	7.3

CZC WS to correspond with CZC MS on tool.

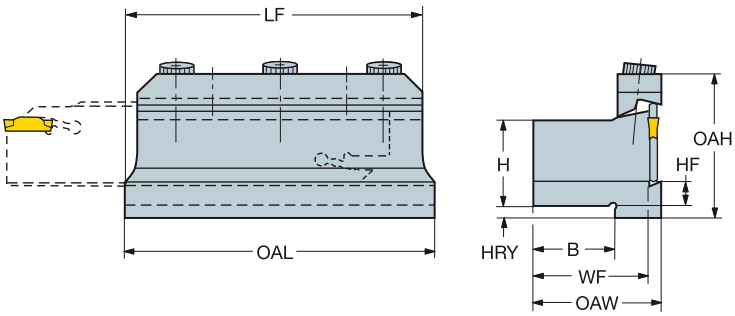
R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

H37 H5

Tool block for blades





Metric version

CZC_{MS}	CZC_{WS}	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	OAW	OAH	RADH	RADW	KG
20 x 20	21	5.0	**151.2-2020-21M**	20.0	20.0	80.0	33.0	20.0	38.0	45.5	20.0	13.4	0.6
	25	5.0	**151.2-2020-25**	20.0	20.0	120.0	33.1	25.0	38.1	52.5	20.0	13.5	1.0
25 x 20	21	5.0	**151.2-2520-21**	20.0	25.0	80.0	33.1	25.0	38.1	45.5	25.0	13.5	0.6
	25	5.0	**151.2-2520-25**	20.0	25.0	120.0	33.0	25.0	38.0	52.5	25.0	13.4	1.1
32 x 32	25	5.0	**151.2-3232-25**	32.0	32.0	120.0	45.0	32.0	50.0	54.5	32.0	13.4	1.6
	45	5.0	**151.2-3232-45**	32.0	32.0	160.0	45.0	32.0	52.0	82.5	32.0	13.4	2.9
40 x 40	45	5.0	**151.2-4040-45**	40.0	40.0	160.0	53.0	40.0	60.0	82.5	40.0	13.4	3.6
50 x 50	93	0.0	**151.2-5050-93**	50.0	50.0	178.0	68.5	50.5	78.1	152.3	50.0	13.5	8.2

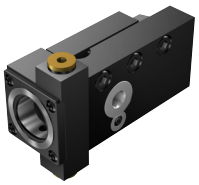
Inch version

CZC_{MS}	CZC_{WS}	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	OAW	OAH	RADH	RADW	LBS
3/4 x 3/4	21	.197	**151.2-12-21M**	.750	.750	3.150	1.262	.750	1.459	1.790	.750	.530	1.4
1 x 1	25	.197	**151.2-16-25M**	1.000	1.000	4.720	1.512	1.000	1.709	1.790	1.000	.530	2.8
1 1/4 x 1 1/4	25	.197	**151.2-20-25M**	1.250	1.250	4.724	1.762	1.250	1.959	2.150	1.250	.530	3.5
	45	.197	**151.2-20-45**	1.250	1.250	6.299	1.762	1.250	2.037	3.250	1.250	.530	6.0
1 1/2 x 1 1/2	25	.197	**151.2-24-25M**	1.500	1.500	4.720	2.012	1.500	2.209	2.400	1.500	.530	4.6
	45	.197	**151.2-24-45**	1.500	1.500	6.299	2.012	1.500	2.287	3.250	1.500	.530	7.4
2 x 2	93	.000	**151.2-32-93**	2.000	2.000	7.008	2.700	2.000	3.075	5.996	1.969	.530	18.3

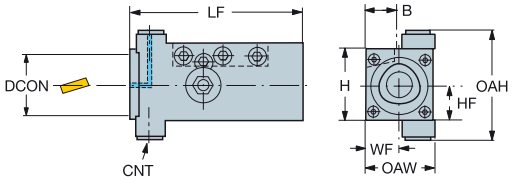
For spare parts, visit www.sandvik.coromant.com

H37 H5

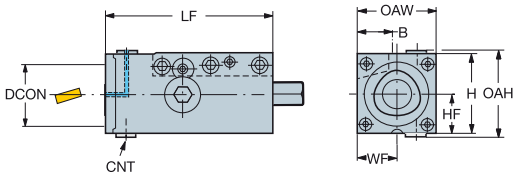
Rectangular shank to Coromant Capto® clamping unit



Cx-R/LC2085



Cx-R/LC2085 (INCH)

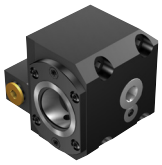


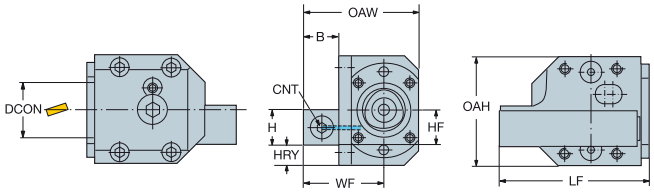
Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LF	WF	HF	OAW	OAH	CNT	BAR	KG
40 x 20	C3	6	2	C3-R/LC2085-4038M	32	20	40	95	19.0	20	38	62	G1/8	80	1.3
50 x 25	C4	6	2	C4-R/LC2085-5048	40	25	50	125	24.0	25	48	58	G1/8	80	2.3
64 x 32	C5	6	2	C5-R/LC2085-6464	50	32	64	146	32.0	32	64	72	G1/8	80	4.4

Inch version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, inch DCON	B	H	LF	WF	HF	OAW	OAH	CNT	PSI	LBS
2 x 1	C4	6	2	C4-RC2085-24102-16M	1.575	1.000	2.000	5.035	.945	1.000	1.890	2.323	G1/8	1160	4.6
2 1/2 x 1 1/4	C5	6	2	C5-R/LC2085-32130-20M	1.969	1.250	2.500	5.138	1.260	1.250	2.520	2.835	G1/8	1160	8.5





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LF	WF	HF	OAW	OAH	HRY	CNT	BAR	KG
25 x 26	C4	7	2	C4-R/LC2080-59110A	40	26	25	110	59.0	25	83	77	13	G 1/4	80	2.9
32 x 33.5	C5	7	2	C5-R/LC2080-77110A	50	33	32	110	77.0	32	109	92	14	G 1/4	80	5.1
40 x 40	C6	7	2	C6-R/LC2080-93140	63	40	40	140	93.0	40	135	105	13	G 1/4	80	11.4

For spare parts, visit www.sandvik.coromant.com

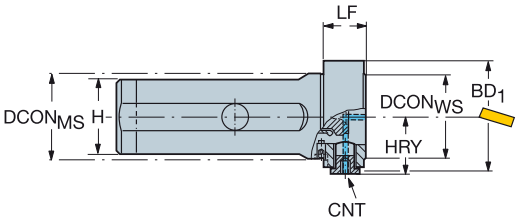
R = Right hand, L = Left hand

G2 H37 H5

Cylindrical shank with flats to Coromant Capto® clamping unit

Segment clamping





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	LF	OAW	OAH	HRY	CNT	BAR	KG
32	C3	2	2	C3-NC2000-08018-32	32	32	30	18	45	45	26	G1/8	80	0.6
40	C4	2	2	C4-NC2000-10020-40	40	40	37	20	51	51	28	G1/8	80	1.1
50	C4	2	2	C4-NC2000-12020-50	50	40	47	20	51	51	28	G1/8	80	1.6
	C5	2	2	C5-NC2000-12024-50	50	50	47	24	61	61	33	G1/8	80	2.1
60	C5	2	2	C5-NC2000-14024-60	60	50	57	24	61	61	33	G1/8	80	3.1

Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	H	LF	OAW	OAH	HRY	CNT	PSI	LBS
1 1/4	C3	2	2	C3-NC2000-08018-A20	1.250	1.260	1.181	.709	1.791	1.791	.930	G1/8	1160	1.5
1 1/2	C4	2	2	C4-NC2000-10020-A24	1.500	1.575	1.457	.787	2.028	2.028	1.024	G1/8	1160	2.2
2	C4	2	2	C4-NC2000-12020-A32	2.000	1.575	1.850	.787	2.028	2.028	1.004	G1/8	1160	4.1
	C5	2	2	C5-NC2000-12024-A32	2.000	1.969	1.850	.945	2.421	2.421	1.220	G1/8	1160	4.6

For spare parts, visit www.sandvik.coromant.com

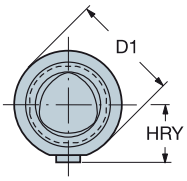
N = Neutral

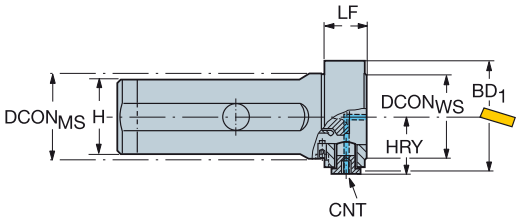
G2 H37 H5

Cylindrical shank with flats to Coromant Capto® clamping unit

Center bolt activated







Metric version

					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	H	BD_1	LF	CNT	BAR	NM	KG
32	C3	2	2	**C3-NC3000-08018-32**	32.0	32.0	30.0	45.5	18.0	G1/8	80	35	0.6
40	C3	2	2	**C3-NC3000-10018-40**	40.0	32.0	37.0	45.5	18.0	G1/8	80	35	1.1
	C4	2	2	**C4-NC3000-10020-40**	40.0	40.0	37.0	51.5	20.0	G1/8	80	50	1.1
50	C5	2	2	**C5-NC3000-12024-50**	50.0	50.0	47.0	61.5	24.0	G1/8	80	70	2.1
60	C6	2	2	**C6-NC3000-14054-60**	60.0	63.0	57.0	70.0	54.0	G1/8	80	85	4.2

Inch version

					Dimensions, inch								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	H	BD_1	LF	CNT	PSI	FT/LBS	LBS
1 1/4	C3	2	2	**C3-NC3000-08018-A20**	1.250	1.260	1.181	1.791	.709	G1/8	1160	25	1.4
1 1/2	C4	2	2	**C4-NC3000-10020-A24**	1.500	1.575	1.378	2.028	.787	G1/8	1160	36	2.3
2	C4	2	2	**C4-NC3000-12020-A32**	2.000	1.575	1.850	2.028	.787	G1/8	1160	36	4.2
	C5	2	2	**C5-NC3000-12024-A32**	2.000	1.969	1.850	2.421	.945	G1/8	1160	51	4.8

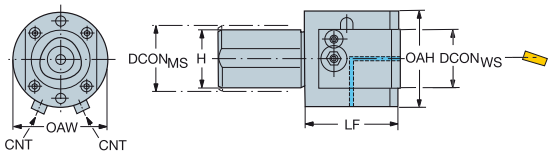
For spare parts, visit www.sandvik.coromant.com

N = Neutral

G2 H37 H5

Cylindrical shank with flats to Coromant Capto® clamping unit





Metric version

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	H	LF	OAW	OAH	CNT	BAR	KG
40	C4	6	2	C4-R/LC2045-00075M	40	40	37	75	67	67	G1/8	80	2.5
50	C5	6	2	C5-R/LC2055-00085M	50	50	47	85	85	85	G1/8	80	4.7
60	C6	6	2	C6-R/LC2065-00095	60	63	57	95	84	105	G1/8	80	7.9

Inch version

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, inch DCONMS	DCONWS	H	LF	OAW	OAH	CNT	PSI	LBS
2 1/2	C6	6	2	C6-R/LC2065-00095-40	2.500	2.480	2.360	3.740	3.307	4.134	G1/8	1160	18.6

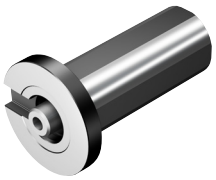
Left hand: hexagon clamping socket on opposite side of the tool.

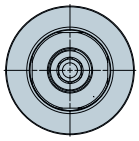
R = Right hand, L = Left hand

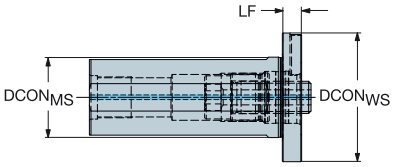
For spare parts, visit www.sandvik.coromant.com

G2 H37 H5

Cylindrical shank with flats to VL adapter







Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	LF	BAR	NM	KG
50	80	1	1	VL80-NC3000-50	50.0	80.0	47.0	12.0	80	190	1.8
60	80	1	1	VL80-NC3000-60	60.0	80.0	57.0	12.0	80	190	3.0

Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	H	LF	PSI	FT/LBS	LBS
2	80	1	1	VL80-NC3000-A32	2.000	3.150	1.850	.472	1160	140	4.2
2 1/2	80	1	1	VL80-NC3000-A40	2.500	3.150	2.362	.472	1160	140	7.5

For spare parts, visit www.sandvik.coromant.com

N = Neutral

ISO 13399 H37

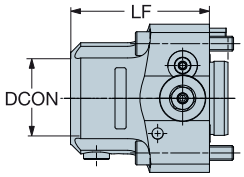
CNSC CXSC H5

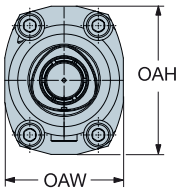
Manual clamping unit

For special applications

Coromant Capto®

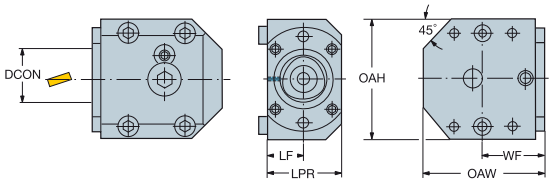






CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	B	H	LF	OAW	OAH	BAR PSI	KG
64 x 80	C5	6	1	C5-R/LC2095-00075	50	64	80	75	64	80	200	1.9
					1.969	2.520	3.150	2.953	2.520	3.150	2900	
74 x 135	C6	6	1	C6-R/LC2095-00090	63	74	135	90	74	135	200	4.3
					2.480	2.913	5.315	3.543	2.913	5.315	2900	
93 x 155	C8	6	1	C8-R/LC2095-00110	80	93	155	110	93	155	200	7.3
					3.150	3.661	6.102	4.331	3.661	6.102	2900	
126 x 208	C10	6	1	C10-R/LC2095-00182	100	126	208	182	126	208	200	19.6
					3.937	4.961	8.201	7.165	4.961	8.201	2900	





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	B	H	LPR	LF	WF	OAW	OAH	BAR PSI	KG
73 x 54	C3	6	2	C3-R/LC2090-19039M	32	73	54	38	19	39.0	73	54	80	1.3
					1.260	2.874	2.126	1.496	.748	1.535	2.874	2.126	1160	
86 x 77	C4	6	2	C4-R/LC2090-24043A	40	86	77	48	24	43.0	86	77	80	2.2
					1.575	3.386	3.032	1.890	.945	1.693	3.386	3.032	1160	
100 x 92	C5	6	2	C5-R/LC2090-32048A	50	100	92	64	32	48.0	100	92	80	3.7
					1.969	3.937	3.622	2.520	1.260	1.890	3.937	3.622	1160	
122 x 105	C6	6	1	C6-R/LC2090-42060	63	122	105	84	42	60.0	122	105	80	7.0
					2.480	4.803	4.134	3.307	1.654	2.362	4.803	4.134	1160	
146 x 133	C8	6	2	C8-R/LC2090-50088	80	146	133	100	50	88.0	146	133	80	13.3
					3.150	5.748	5.236	3.937	1.969	3.465	5.748	5.236	1160	

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

Note! Tighten the screw with a torque wrench. Information on page G12.

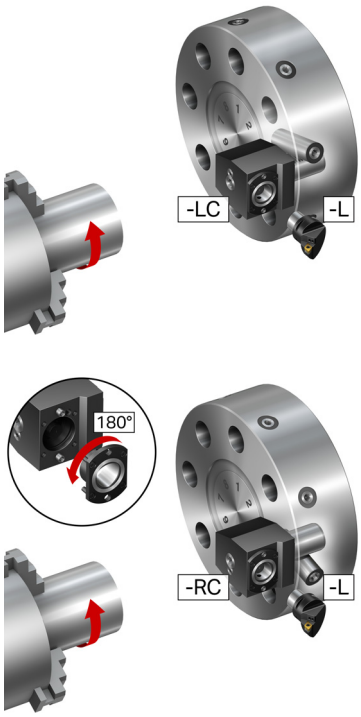
G2 H37 H5

VDI

How to choose the right tool - Coromant® Capto

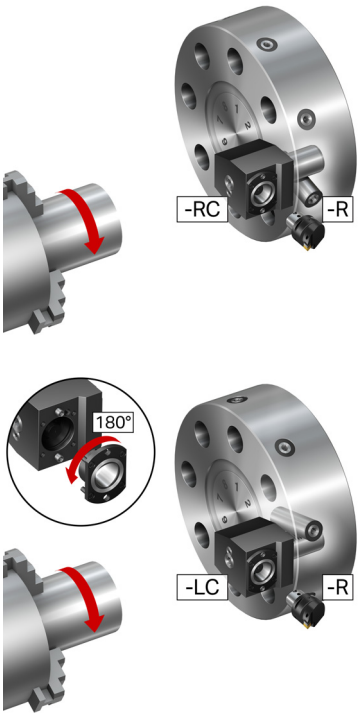
External machining

Clockwise spindle direction



Note: Polygon sleeve must be turned 180°.

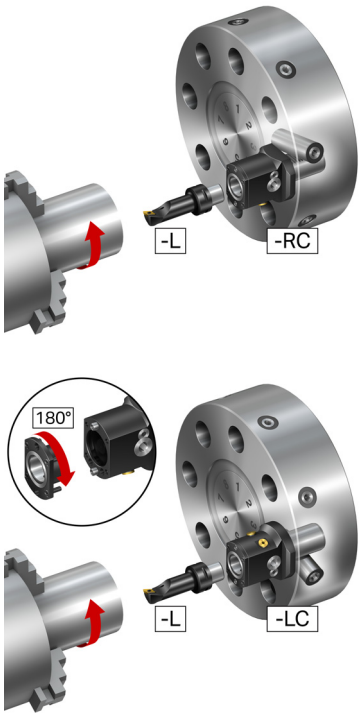
Counterclockwise spindle direction



Note: Polygon sleeve must be turned 180°.

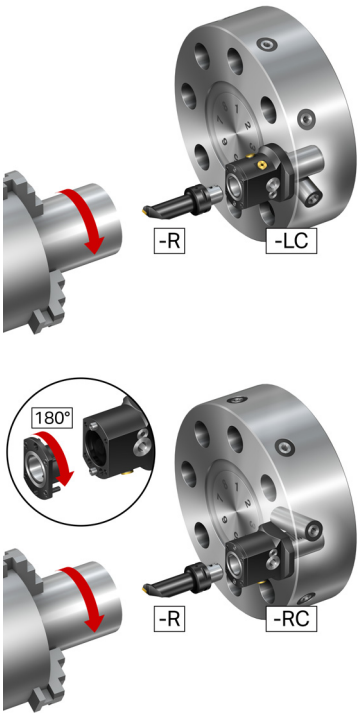
Internal machining

Clockwise spindle direction



Note: Polygon sleeve must be turned 180°.

Counterclockwise spindle direction



Note: Polygon sleeve must be turned 180°.

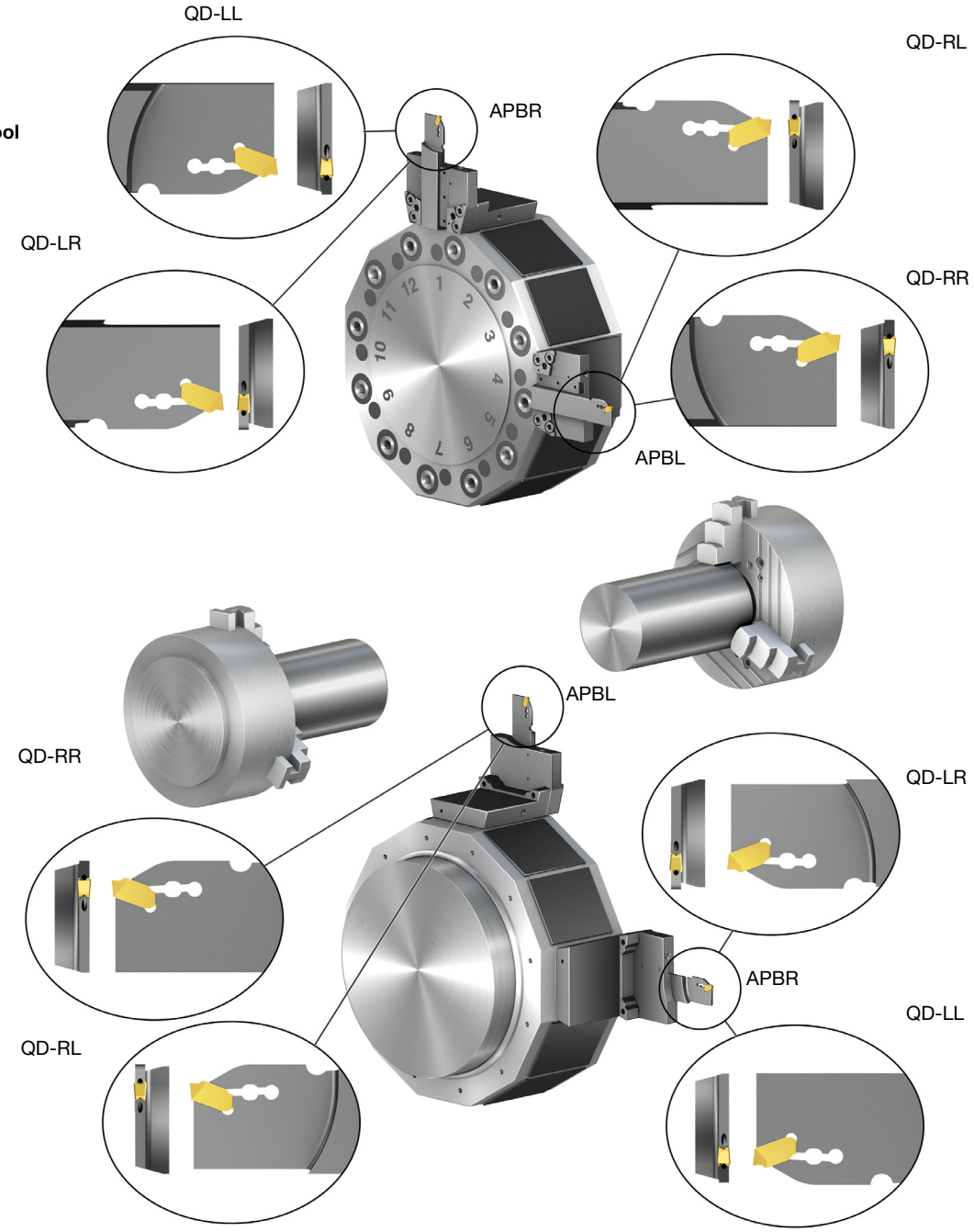
VDI

How to choose the right tool – CoroCut® QD

Tool in hand

Axial
VDI
Blade

How to choose the right tool
Right hand or Left hand
Tools and adapters



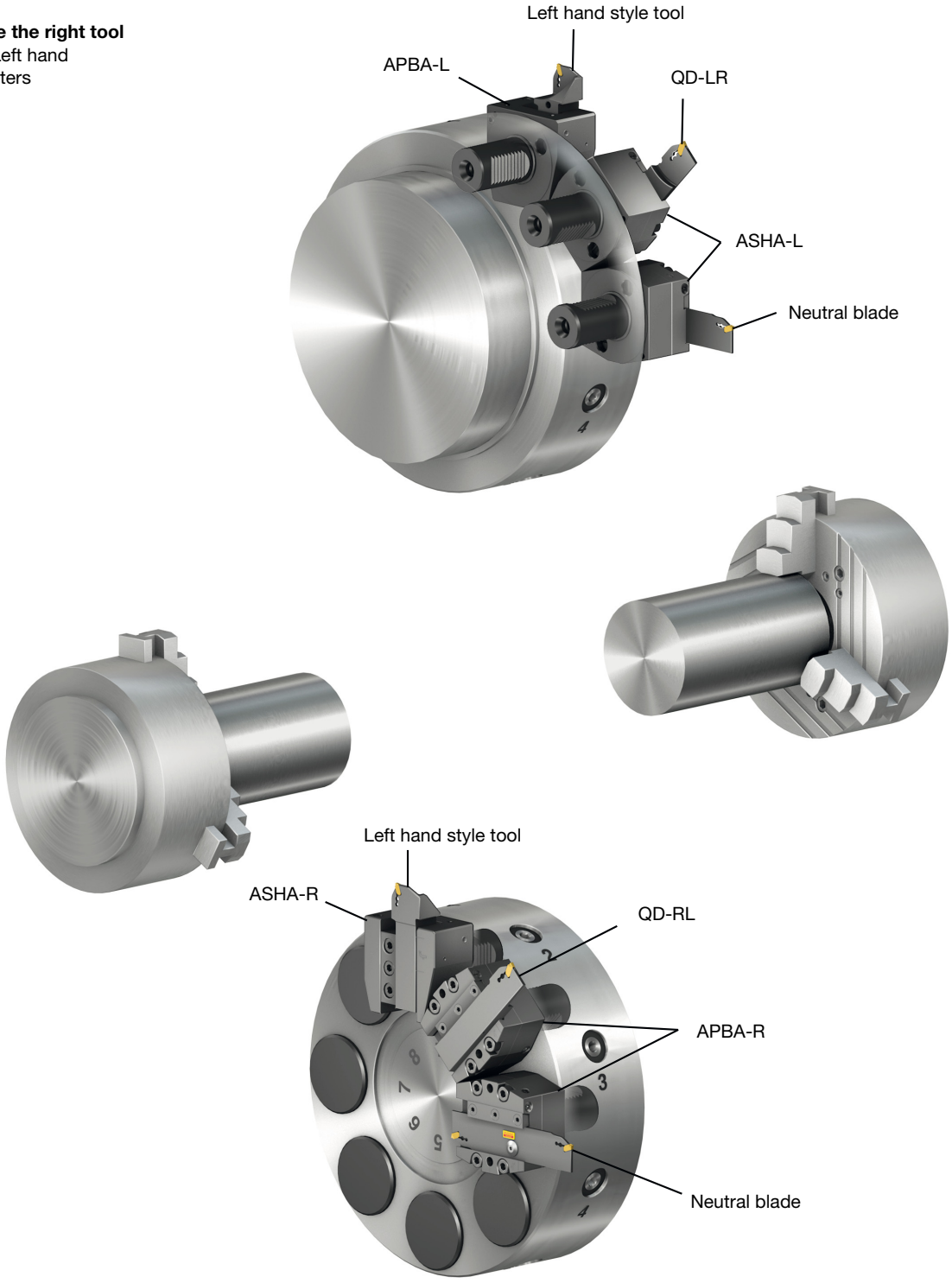
VDI

How to choose the right tool

Tool in hand

Radial
VDI Blade
QS Shank

How to choose the right tool
Right hand or Left hand
Tools and adapters





Turning tool adapters

Conventional adapters

		Machine side						
		Coromant Capto®	**HSK**	**Rectangular shank**	**Cylindrical shank**	**Cylindrical shank with flats**	**Bolt pattern**	**CoroTurn® SL**
Workpiece side	**Coromant Capto®**	–Extension –Reduction –90° F4-F10						
	CoroTurn® SL	–Adapter –Mini-turret –SL70 F11-F22	–Adapter –SL70 F31-F32	–Adapter F36-F37	–Adapter F41	–Adapter F44-F45	–Adapter F50	–Reduction –Quick change –SL70 –Mini-turret –570-80 to SL Quick change F51-F54
	Rectangular shank	–Adapter –Mini-turret F23-F26	–Adapter F33					–Adapter F55
	Cylindrical shank	–Adapter –EasyFix F23	–Adapter F34					
	CoroTurn® XS	–Adapter F28		–Adapter F38		–Adapter –Double-ended F46-F47		
	Blade	–Adapter F29	–Adapter F34					
	CoroCut® MB			–Adapter F39	–Adapter F42	–Adapter F48		
	VL					–Adapter E19		

Damped adapters

		Machine side	
		Coromant Capto®	**Cylindrical shank**
Workpiece side	**Coromant Capto®**		–Adapter F67
	CoroTurn® SL	–Adapter –Two heads –Carbide reinforced –Elliptical F57-F64	–Adapter –Carbide reinforced F68-F70
	CoroTurn® SL quick change	–Adapter F65	–Adapter –Carbide reinforced F71-F72

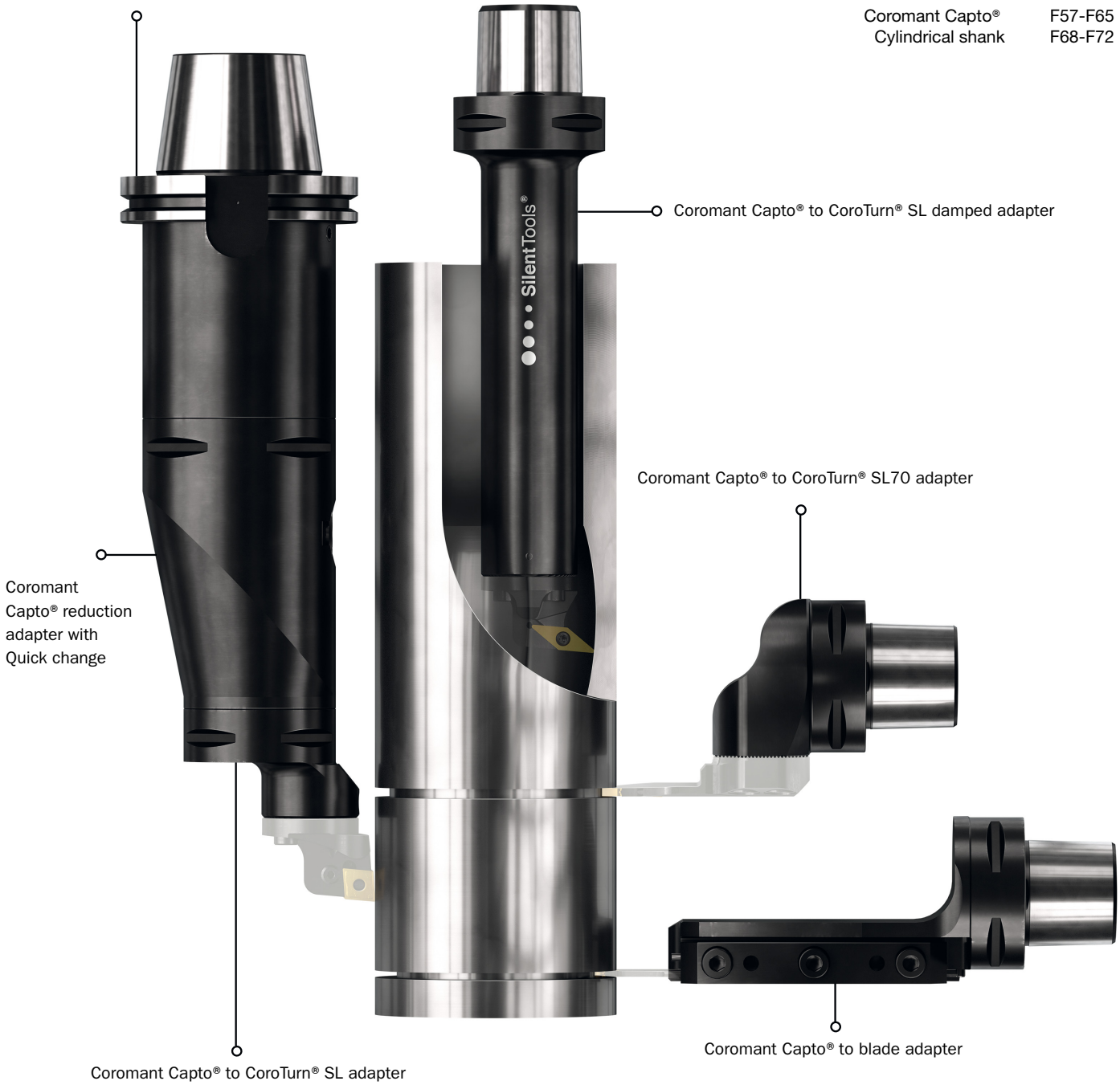
Conventional adapters

Coromant Capto® F4-F29
HSK F30-F34
Rectangular shank F35-F39
Cylindrical shank F40-F42
Cylindrical shank with flat F43-F48
Bolt pattern F49-F50
CoroTurn® SL F51-F55

Damped adapters

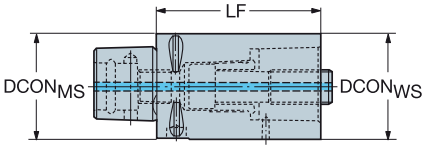
F56

Coromant Capto® F57-F65
Cylindrical shank F68-F72



Coromant Capto® extension adapter





					Dimensions, mm, inch				
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	BAR PSI	KG
C3	C3	3	1	C3-391.01-32 060A	32.0	32.0	60.0	80	0.36
					1.260	*1.260*	*2.362*	*1160*	
	C3	3	1	C3-391.01-32 080A	32.0	32.0	80.0	80	0.47
					1.260	*1.260*	*3.150*	*1160*	
	C3	3	1	C3-391.01-32 095	32.0	32.0	95.0	80	0.56
					1.260	*1.260*	*3.740*	*1160*	
C4	C4	3	1	C4-391.01-40 060A	40.0	40.0	60.0	80	0.57
					1.575	*1.575*	*2.362*	*1160*	
	C4	3	1	C4-391.01-40 080A	40.0	40.0	80.0	80	0.74
					1.575	*1.575*	*3.150*	*1160*	
	C4	3	1	C4-391.01-40 120	40.0	40.0	120.0	80	1.11
					1.575	*1.575*	*4.724*	*1160*	
C5	C5	3	1	C5-391.01-50 080A	50.0	50.0	80.0	80	1.15
					1.969	*1.969*	*3.150*	*1160*	
	C5	3	1	C5-391.01-50 100A	50.0	50.0	100.0	80	1.48
					1.969	*1.969*	*3.937*	*1160*	
	C5	3	1	C5-391.01-50 150	50.0	50.0	150.0	80	2.17
					1.969	*1.969*	*5.906*	*1160*	
C6	C6	3	1	C6-391.01-63 100A	63.0	63.0	100.0	80	2.26
					2.480	*2.480*	*3.937*	*1160*	
	C6	3	1	C6-391.01-63 140A	63.0	63.0	140.0	80	3.17
					2.480	*2.480*	*5.512*	*1160*	
	C6	3	1	C6-391.01-63 185	63.0	63.0	185.0	80	4.19
					2.480	*2.480*	*7.283*	*1160*	
C8	C8	3	1	C8-391.01-80 100A	80.0	80.0	100.0	80	3.70
					3.150	*3.150*	*3.937*	*1160*	
	C8	3	1	C8-391.01-80 125A	80.0	80.0	125.0	80	4.64
					3.150	*3.150*	*4.921*	*1160*	
	C8	3	1	C8-391.01-80 200	80.0	80.0	200.0	80	7.47
					3.150	*3.150*	*7.874*	*1160*	
C10	C10	3	1	C10-391.01-100 140	100.0	100.0	140.0	80	7.93
					3.937	*3.937*	*5.512*	*1160*	
	C10	3	1	C10-391.01-100 200	100.0	100.0	200.0	80	11.49
					3.937	*3.937*	*7.874*	*1160*	

For spare parts, visit www.sandvik.coromant.com

 G2



H37



H28



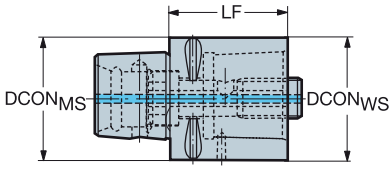
H5

SANDVIK Coromant

Coromant Capto® extension adapter

Short version, for segment clamping only





					Dimensions, mm, inch				
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	BAR PSI	KG
C3	C3	3	1	**C3-391.01-32 035**	32.0	32.0	35.0	80	0.22
					1.260	*1.260*	*1.378*	*1160*	
C4	C4	3	1	**C4-391.01-40 040**	40.0	40.0	40.0	80	0.40
					1.575	*1.575*	*1.575*	*1160*	
C5	C5	3	1	**C5-391.01-50 050**	50.0	50.0	50.0	80	0.73
					1.969	*1.969*	*1.969*	*1160*	
C6	C6	3	1	**C6-391.01-63 060**	63.0	63.0	60.0	80	1.36
					2.480	*2.480*	*2.362*	*1160*	
C8	C8	3	1	**C8-391.01-80 065**	80.0	80.0	65.0	80	2.41
					3.150	*3.150*	*2.559*	*1160*	

Polygon 180 degrees rotated

					Dimensions, mm, inch				
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	BAR PSI	KG
C5	C5	3	1	**C5-391.01R-50 050**	50.0	50.0	50.0	80	0.74
					1.969	*1.969*	*1.969*	*1160*	
C6	C6	3	1	**C6-391.01R-63 060**	63.0	63.0	60.0	80	1.36
					2.480	*2.480*	*2.362*	*1160*	
C8	C8	3	1	**C8-391.01R-80 065**	80.0	80.0	65.0	80	2.40
					3.150	*3.150*	*2.559*	*1160*	

For spare parts, visit www.sandvik.coromant.com

Note!

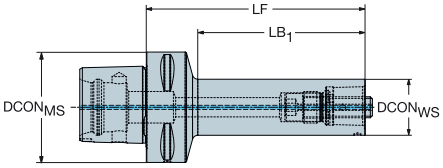
Not possible to use together with basic holders using center bolt clamping.

G2 H37 H28 H5

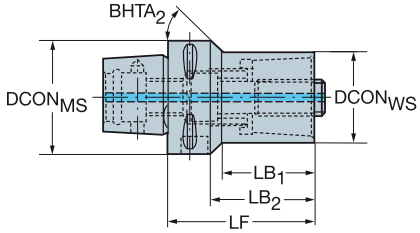
Coromant Capto® reduction adapter



DSGN 2



DSGN 7



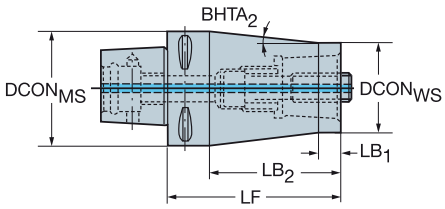
						Dimensions, mm, inch							BAR PSI	KG
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	BD_2	$BHTA_2$		
C4	C3	3	1	2	C4-391.02-32 055A	40.0	32.0	55.0	31.0	55.0	40.0	0°	80	0.49
						1.575	*1.260*	*2.165*	*1.220*	*2.165*	*1.575*		*1160*	
	C3	3	1	2	C4-391.02-32 120	40.0	32.0	120.0	95.7	120.0	40.0	0°	80	0.81
						1.575	*1.260*	*4.724*	*3.768*	*4.724*	*1.575*		*1160*	
C5	C3	3	1	2	C5-391.02-32 060A	50.0	32.0	60.0	34.8	60.0	50.0	0°	80	0.68
						1.969	*1.260*	*2.362*	*1.370*	*2.362*	*1.969*		*1160*	
	C3	3	1	2	C5-391.02-32 120	50.0	32.0	120.0	94.4	120.0	50.0	0°	80	0.99
						1.969	*1.260*	*4.724*	*3.717*	*4.724*	*1.969*		*1160*	
	C4	3	1	2	C5-391.02-40 065A	50.0	40.0	65.0	40.0	65.0	50.0	0°	80	0.80
						1.969	*1.575*	*2.559*	*1.575*	*2.559*	*1.969*		*1160*	
	C4	3	1	2	C5-391.02-40 140	50.0	40.0	140.0	115.5	140.0	50.0	0°	80	1.46
						1.969	*1.575*	*5.512*	*4.547*	*5.512*	*1.969*		*1160*	
C6	C3	3	1	2	C6-391.02-32 070A	63.0	32.0	70.0	39.0	70.0	63.0	0°	80	1.12
						2.480	*1.260*	*2.756*	*1.535*	*2.756*	*2.480*		*1160*	
	C3	3	1	2	C6-391.02-32 125	63.0	32.0	125.0	95.6	125.0	63.0	0°	80	1.43
						2.480	*1.260*	*4.921*	*3.764*	*4.921*	*2.480*		*1160*	
	C4	3	1	2	C6-391.02-40 080A	63.0	40.0	80.0	51.4	80.0	63.0	0°	80	1.32
						2.480	*1.575*	*3.150*	*2.024*	*3.150*	*2.480*		*1160*	
	C4	3	1	2	C6-391.02-40 145	63.0	40.0	145.0	116.7	145.0	63.0	0°	80	1.86
						2.480	*1.575*	*5.709*	*4.594*	*5.709*	*2.480*		*1160*	
	C5	3	1	2	C6-391.02-50 080A	63.0	50.0	80.0	51.5	80.0	63.0	0°	80	1.53
						2.480	*1.969*	*3.150*	*2.028*	*3.150*	*2.480*		*1160*	
	C5	3	1	2	C6-391.02-50 175	63.0	50.0	175.0	148.1	175.0	63.0	0°	80	2.79
						2.480	*1.969*	*6.890*	*5.831*	*6.890*	*2.480*		*1160*	
C8	C3	3	1	2	C8-391.02-32 060B	80.0	32.0	60.0	20.7	60.0	80.0	0°	80	2.07
						3.150	*1.260*	*2.362*	*.815*	*2.362*	*3.150*		*1160*	
	C3	3	1	2	C8-391.02-32 135	80.0	32.0	135.0	95.7	135.0	80.0	0°	80	2.53
						3.150	*1.260*	*5.315*	*3.768*	*5.315*	*3.150*		*1160*	
	C4	3	1	2	C8-391.02-40 070B	80.0	40.0	70.0	31.4	70.0	80.0	0°	80	2.20
						3.150	*1.575*	*2.756*	*1.236*	*2.756*	*3.150*		*1160*	
	C4	3	1	2	C8-391.02-40 155	80.0	40.0	155.0	116.4	155.0	80.0	0°	80	2.97
						3.150	*1.575*	*6.102*	*4.583*	*6.102*	*3.150*		*1160*	
	C5	3	1	2	C8-391.02-50 080B	80.0	50.0	80.0	42.8	80.0	80.0	0°	80	2.43
						3.150	*1.969*	*3.150*	*1.685*	*3.150*	*3.150*		*1160*	
	C5	3	1	2	C8-391.02-50 185	80.0	50.0	185.0	147.8	185.0	80.0	0°	80	3.88
						3.150	*1.969*	*7.283*	*5.819*	*7.283*	*3.150*		*1160*	
	C6	3	1	2	C8-391.02-63 080B	80.0	63.0	80.0	44.5	80.0	80.0	0°	80	2.65
						3.150	*2.480*	*3.150*	*1.752*	*3.150*	*3.150*		*1160*	
	C6	3	1	7	C8-391.02-63 120A	80.0	63.0	120.0	12.0	90.0	63.0	6°	80	4.08
						3.150	*2.480*	*4.724*	*.472*	*3.543*	*2.480*		*1160*	
	C6	3	1	2	C8-391.02-63 200	80.0	63.0	200.0	164.5	200.0	80.0	0°	80	5.37
						3.150	*2.480*	*7.874*	*6.476*	*7.874*	*3.150*		*1160*	
C10	C3	3	1	7	C10-391.02-32 085	100.0	32.0	85.0	29.4	49.0	32.0	60°	80	4.15
						3.937	*1.260*	*3.346*	*1.157*	*1.929*	*1.260*		*1160*	
	C4	3	1	7	C10-391.02-40 090	100.0	40.0	90.0	36.7	54.0	40.0	60°	80	4.25
						3.937	*1.575*	*3.543*	*1.445*	*2.126*	*1.575*		*1160*	
	C5	3	1	7	C10-391.02-50 095	100.0	50.0	95.0	44.6	59.0	50.0	60°	80	4.42
						3.937	*1.969*	*3.740*	*1.756*	*2.323*	*1.969*		*1160*	
	C6	3	1	7	C10-391.02-63 095	100.0	63.0	95.0	48.3	59.0	63.0	60°	80	4.68
						3.937	*2.480*	*3.740*	*1.902*	*2.323*	*2.480*		*1160*	
	C6	3	1	2	C10-391.02-63 200	100.0	63.0	200.0	155.8	200.0	100.0	0°	80	6.92
						3.937	*2.480*	*7.874*	*6.134*	*7.874*	*3.937*		*1160*	
	C8	3	1	7	C10-391.02-80 100	100.0	80.0	100.0	58.2	64.0	80.0	60°	80	5.25
						3.937	*3.150*	*3.937*	*2.291*	*2.520*	*3.150*		*1160*	
	C8	3	1	2	C10-391.02-80 200	100.0	80.0	200.0	158.1	200.0	100.0	0°	80	8.92
						3.937	*3.150*	*7.874*	*6.224*	*7.874*	*3.937*		*1160*	

For spare parts, visit www.sandvik.coromant.com

G2 H37 H28 H5

Coromant Capto® reduction adapter





					Dimensions, mm, inch						BAR PSI	KG
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	$BHTA_2$		
C4	C3	3	1	C4-391.02-32 070A	40.0	32.0	70.0	12.0	50.0	6°	80	0.59
					1.575	*1.260*	*2.756*	*.472*	*1.969*		*1160*	
C5	C3	3	1	C5-391.02-32 150	50.0	32.0	150.0	5.0	128.2	8°	80	1.65
					1.969	*1.260*	*5.906*	*.197*	*5.047*		*1160*	
	C4	3	1	C5-391.02-40 085A	50.0	40.0	85.0	12.0	65.0	5°	80	1.10
					1.969	*1.575*	*3.346*	*.472*	*2.559*		*1160*	
C6	C3	3	1	C6-391.02-32 185	63.0	32.0	185.0	5.0	162.2	11°	80	2.99
					2.480	*1.260*	*7.283*	*.197*	*6.386*		*1160*	
	C4	3	1	C6-391.02-40 185	63.0	40.0	185.0	5.0	162.2	8°	80	3.23
					2.480	*1.575*	*7.283*	*.197*	*6.386*		*1160*	
	C5	3	1	C6-391.02-50 110A	63.0	50.0	110.0	12.0	88.0	5°	80	2.23
					2.480	*1.969*	*4.331*	*.472*	*3.465*		*1160*	
C8	C4	3	1	C8-391.02-40 200	80.0	40.0	200.0	5.0	169.2	13°	80	5.42
					3.150	*1.575*	*7.874*	*.197*	*6.661*		*1160*	
	C5	3	1	C8-391.02-50 200	80.0	50.0	200.0	5.0	169.2	10°	80	5.84
					3.150	*1.969*	*7.874*	*.197*	*6.661*		*1160*	

For spare parts, visit www.sandvik.coromant.com

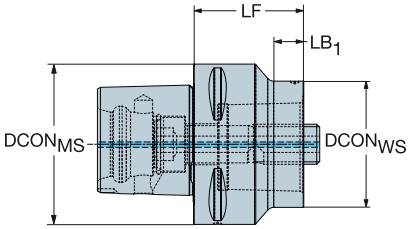
G2 H37 H28 H5

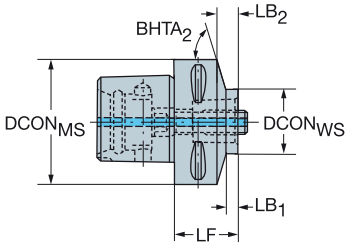
Coromant Capto® reduction adapter

Short version, for segment clamping only

DSGN 2 7







						Dimensions, mm, inch										
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_2	BD_3	$BHTA_2$	BAR PSI	KG
C5	C3	3	1	2	C5-391.02-32 033A	50.0	32.0	33.0	5.0	33.0		50.0		0°	80	0.54
						1.969	*1.260*	*1.299*	*.197*	*1.299*		*1.969*			*1160*	
	C4	3	1	2	C5-391.02-40 040A	50.0	40.0	40.0	15.0	40.0		50.0		0°	80	0.59
						1.969	*1.575*	*1.575*	*.591*	*1.575*		*1.969*			*1160*	
C6	C3	3	1	2	C6-391.02-32 032	63.0	32.0	32.0	6.0	32.0		63.0		0°	80	0.91
						2.480	*1.260*	*1.260*	*.236*	*1.260*		*2.480*			*1160*	
	C4	3	1	2	C6-391.02-40 040	63.0	40.0	40.0	11.0	40.0		63.0		0°	80	0.98
						2.480	*1.575*	*1.575*	*.433*	*1.575*		*2.480*			*1160*	
	C5	3	1	2	C6-391.02-50 050A	63.0	50.0	50.0	20.0	50.0		63.0		0°	80	1.11
						2.480	*1.969*	*1.969*	*.787*	*1.969*		*2.480*			*1160*	
C8	C5	3	1	2	C8-391.02-50 045A	80.0	50.0	45.0	5.0	45.0		80.0		0°	80	2.00
						3.150	*1.969*	*1.772*	*.197*	*1.772*		*3.150*			*1160*	
	C6	3	1	2	C8-391.02-63 055A	80.0	63.0	55.0	15.0	55.0		80.0		0°	80	2.15
						3.150	*2.480*	*2.165*	*.591*	*2.165*		*3.150*			*1160*	
C10	C6	3	1	7	C10-391.02-63 055	100.0	63.0	55.0	14.0	19.0	55.0	63.0	100.0	75°	80	3.70
						3.937	*2.480*	*2.165*	*.551*	*.748*	*2.165*	*2.480*	*3.937*		*1160*	
	C8	3	1	7	C10-391.02-80 065	100.0	80.0	65.0	25.4	29.0	65.0	80.0	100.0	70°	80	3.92
						3.937	*3.150*	*2.559*	*1.000*	*1.142*	*2.559*	*3.150*	*3.937*		*1160*	

Polygon 180 degrees rotated

						Dimensions, mm, inch					
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	BAR PSI	KG
C8	C6	3	1	2	C8-391.02R-63 055A	80.0	63.0	55.0	15.0	80	2.13
						3.150	*2.480*	*2.165*	*.591*	*1160*	

For spare parts, visit www.sandvik.coromant.com

Note!

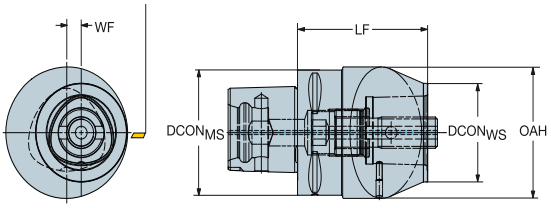
Not possible to use together with basic holders using center bolt clamping.

G2 H37 H28 H5

Coromant Capto® offset reduction adapter

For segment clamping only





CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LF	WF	OAH	BAR PSI	KG
C8	C6	3	1	C8-391.02-63 090R/L	80.0	63	90	10.0	84	80	3.577
					3.150	*2.480*	*3.543*	*.394*	*3.307*	*1160*	
C10	C8	3	1	C10-391.02-80 080R/L	100.0	80	80	13.0	107	80	5.254
					3.937	*3.150*	*3.150*	*.512*	*4.213*	*1160*	

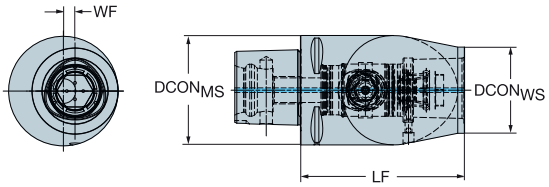
R = Right hand, L = Left hand

Note!

Not possible to use together with basic holders using center bolt clamping.

Coromant Capto® offset reduction adapter with quick change





CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LF	WF	BAR PSI	KG
C6	C5	3	1	C6-QC-C5-100R07	63.0	50	100	6.5	150	2.120
					2.480	*1.969*	*3.937*	*.256*	*2175*	
C8	C6	3	1	C8-QC-C6-120R09	80.0	63	120	8.5	150	4.220
					3.150	*2.480*	*4.724*	*.335*	*2175*	
C10	C6	3	1	C10-QC-C6-125R19	100.0	63	125	18.5	150	6.200
					3.937	*2.480*	*4.921*	*.728*	*2175*	

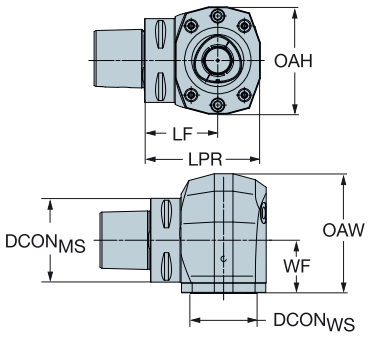
For spare parts, visit www.sandvik.coromant.com

R = Right hand

G2 H37 H5

Coromant Capto® 90° reduction adapter





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	OAW	OAH	RADW	BAR PSI	KG
C5	C4	3	1	**C5-R/L-C4-L-44035**	50.0	40	68	44	35.0	79	66	35	200	1.783
					1.969	*1.575*	*2.677*	*1.732*	*1.378*	*3.110*	*2.598*	*1.378*	*2900*	
		3	1	**C5-R/L-C4-R-44035**	50.0	40	68	44	35.0	79	66	35	200	1.763
					1.969	*1.575*	*2.677*	*1.732*	*1.378*	*3.110*	*2.598*	*1.378*	*2900*	
C6	C5	3	1	**C6-R/L-C5-L-55040**	63.0	50	87	55	40.0	90	81	40	200	3.169
					2.480	*1.969*	*3.425*	*2.165*	*1.575*	*3.543*	*3.189*	*1.575*	*2900*	
		3	1	**C6-R/L-C5-R-55040**	63.0	50	87	55	40.0	90	81	40	200	3.210
					2.480	*1.969*	*3.425*	*2.165*	*1.575*	*3.543*	*3.189*	*1.575*	*2900*	
C8	C6	3	1	**C8-R/L-C6-L-72050**	80.0	63	106	69	50.0	109	104	50	200	6.243
					3.150	*2.480*	*4.173*	*2.717*	*1.969*	*4.291*	*4.114*	*1.969*	*2900*	
		3	1	**C8-R/L-C6-R-72050**	80.0	63	106	69	50.0	109	104	50	200	6.237
					3.150	*2.480*	*4.173*	*2.717*	*1.969*	*4.291*	*4.114*	*1.969*	*2900*	

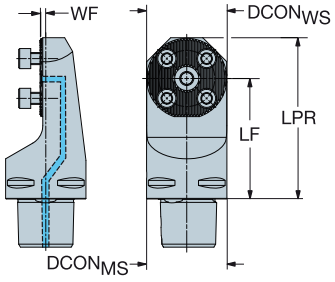
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G2 H37 H5

Coromant Capto® to CoroTurn® SL adapter



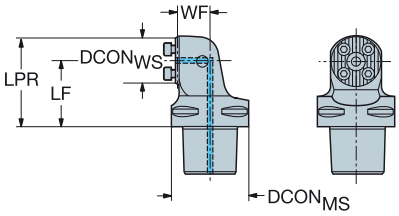


For face grooving

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LPR	LF	WF	BAR PSI	KG
C4	32	3	1	C4-SL-32-60-R/LF	40.0	32	76	60	6.5	150	0.561
					1.575	*1.260*	*3.004*	*2.362*	*.256*	*2175*	
C5	32	3	1	C5-SL-32-75-R/LF	50.0	32	91	75	11.5	150	0.975
					1.969	*1.260*	*3.594*	*2.953*	*.453*	*2175*	
C6	32	3	1	C6-SL-32-90-R/LF	63.0	32	106	90	16.5	150	1.550
					2.480	*1.260*	*4.185*	*3.543*	*.650*	*2175*	
	40	3	1	C6-SL-40-90-R/LF	63.0	40	110	90	12.5	150	1.650
					2.480	*1.575*	*4.343*	*3.543*	*.492*	*2175*	

R = Right hand, L = Left hand





CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LPR	LF	WF	BAR PSI	KG
C4	25	3	1	C4-570-25-R/LF	40.0	25	49	37	13.0	70	0.399
					1.575	*.984*	*1.961*	*1.457*	*.512*	*1015*	
	32	3	1	C4-570-32-R/LF	40.0	32	59	43	13.0	70	0.500
					1.575	*1.260*	*2.354*	*1.713*	*.512*	*1015*	
	40	3	1	C4-570-40-R/LF	40.0	40	68	48	13.0	70	0.646
					1.575	*1.575*	*2.709*	*1.909*	*.512*	*1015*	
C5	25	3	1	C5-570-25-R/LF	50.0	25	48	36	21.0	70	0.598
					1.969	*.984*	*1.921*	*1.417*	*.827*	*1015*	
	32	3	1	C5-570-32-R/LF	50.0	32	58	42	21.0	70	0.714
					1.969	*1.260*	*2.295*	*1.654*	*.827*	*1015*	
	40	3	1	C5-570-40-R/LF	50.0	40	66	46	21.0	70	0.909
					1.969	*1.575*	*2.610*	*1.811*	*.827*	*1015*	
C6	32	3	1	C6-570-32-R/LF	63.0	32	54	38	31.0	70	1.017
					2.480	*1.260*	*2.157*	*1.516*	*1.220*	*1015*	
	40	3	1	C6-570-40-R/LF	63.0	40	62	42	31.0	70	1.239
					2.480	*1.575*	*2.472*	*1.673*	*1.220*	*1015*	
C8	32	3	1	C8-570-32-R/LF	80.0	32	62	46	41.0	70	2.023
					3.150	*1.260*	*2.453*	*1.811*	*1.614*	*1015*	
	40	3	1	C8-570-40-R/LF	80.0	40	70	50	41.0	70	2.304
					3.150	*1.575*	*2.768*	*1.969*	*1.614*	*1015*	

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

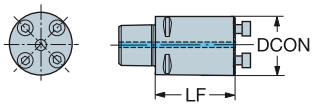
To correspond with coupling size, CZC_{WS} for respective CoroCut® SL and T-Max Q-Cut® SL heads. Right 0° fits left hand heads, right 45° fits right hand heads. Left and right 90° fit both left and right hand heads. Neutral 90° fits both left and right hand heads.

G2 H37 H5 H2

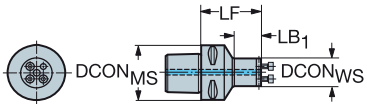
Coromant Capto® to CoroTurn® SL adapter



DSGN 1



2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR PSI	KG
C3	32	3	1	1	**C3-570-32-NG**	32.0	32	22	22	150	0.194
						1.260	*1.260*	*.866*	*.866*	*2175*	
C4	32	3	1	2	**C4-570-32-NG**	40.0	32	8	32	150	0.367
						1.575	*1.260*	*.315*	*1.260*	*2175*	
	40	3	1	1	**C4-570-40-NG**	40.0	40	32	32	150	0.416
						1.575	*1.575*	*1.260*	*1.260*	*2175*	
C5	40	3	1	2	**C5-570-40-NG**	50.0	40	17	42	150	0.700
						1.969	*1.575*	*.669*	*1.654*	*2175*	
C6	40	3	1	2	**C6-570-40-NG**	63.0	40	16	47	150	1.115
						2.480	*1.575*	*.630*	*1.850*	*2175*	

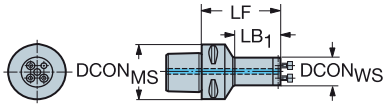
For spare parts, visit www.sandvik.coromant.com

N = Neutral

G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL adapter





CZC$_{MS}$	CZC$_{WS}$	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR PSI	KG
C3	20	50.0	3	1	C3-570-2C 20 050	32.0	20	32	50	70	0.220
		1.969				*1.260*	*.787*	*1.260*	*1.969*	*1015*	
	25	64.0	3	1	C3-570-2C 25 064	32.0	25	46	64	70	0.320
		2.520				*1.260*	*.984*	*1.811*	*2.520*	*1015*	
	32	37.0	3	1	C3-570-2C 32 037	32.0	32	37	37	70	0.286
		1.457				*1.260*	*1.260*	*1.457*	*1.457*	*1015*	
		53.0	3	1	C3-570-2C 32 053	32.0	32	53	53	70	0.400
		2.087				*1.260*	*1.260*	*2.087*	*2.087*	*1015*	
C4	16	48.0	3	1	C4-570-2C 16 048	40.0	16	23	48	70	0.334
		1.890				*1.575*	*.630*	*.906*	*1.890*	*1015*	
	20	58.0	3	1	C4-570-2C 20 058	40.0	20	34	58	70	0.400
		2.283				*1.575*	*.787*	*1.339*	*2.283*	*1015*	
	25	64.0	3	1	C4-570-2C 25 064	40.0	25	42	64	70	0.450
		2.520				*1.575*	*.984*	*1.654*	*2.520*	*1015*	
	32	74.0	3	1	C4-570-2C 32 074	40.0	32	51	74	70	0.611
		2.913				*1.575*	*1.260*	*2.008*	*2.913*	*1015*	
	40	53.0	3	1	C4-570-2C 40 053	40.0	40	40	53	70	0.627
		2.087				*1.575*	*1.575*	*1.575*	*2.087*	*1015*	
		73.0	3	1	C4-570-2C 40 073	40.0	40	73	73	70	0.814
		2.874				*1.575*	*1.575*	*2.874*	*2.874*	*1015*	
C5	16	52.0	3	1	C5-570-2C 16 052	50.0	16	28	52	70	0.543
		2.047				*1.969*	*.630*	*1.102*	*2.047*	*1015*	
	20	59.0	3	1	C5-570-2C 20 059	50.0	20	33	59	70	0.600
		2.323				*1.969*	*.787*	*1.299*	*2.323*	*1015*	
	25	67.0	3	1	C5-570-2C 25 067	50.0	25	41	67	70	0.644
		2.638				*1.969*	*.984*	*1.614*	*2.638*	*1015*	
	32	75.0	3	1	C5-570-2C 32 075	50.0	32	48	75	70	0.825
		2.953				*1.969*	*1.260*	*1.890*	*2.953*	*1015*	
	40	94.0	3	1	C5-570-2C 40 094	50.0	40	72	94	70	1.220
		3.701				*1.969*	*1.575*	*2.835*	*3.701*	*1015*	
C6	16	56.0	3	1	C6-570-2C 16 056	63.0	16	28	56	70	0.942
		2.205				*2.480*	*.630*	*1.102*	*2.205*	*1015*	
	20	68.0	3	1	C6-570-2C 20 068	63.0	20	40	67	70	1.000
		2.677				*2.480*	*.787*	*1.575*	*2.638*	*1015*	
	25	82.0	3	1	C6-570-2C 25 082	63.0	25	55	82	70	1.105
		3.228				*2.480*	*.984*	*2.165*	*3.228*	*1015*	
	32	81.0	3	1	C6-570-2C 32 081	63.0	32	51	81	70	1.242
		3.189				*2.480*	*1.260*	*2.008*	*3.189*	*1015*	
	40	92.0	3	1	C6-570-2C 40 092	63.0	40	63	92	70	1.480
		3.622				*2.480*	*1.575*	*2.480*	*3.622*	*1015*	
C8	40	105.0	3	1	C8-570-2C 40 105	80.0	40	73	105	70	2.600
		4.134				*3.150*	*1.575*	*2.874*	*4.134*	*1015*	

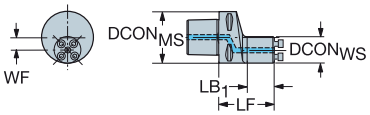
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G2 H37 H5 H2

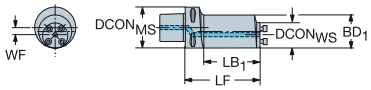
Coromant Capto® to CoroTurn® SL adapter



Cx-570-2C..R/L



Cx-570-2C..R/L40



CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	BD_1	LB_1	LF	WF	BAR PSI	KG
C4	16	3	1	C4-570-2C 16 041R/L	40.0	16	16	12	41	12.0	70	0.336
					1.575	*.630*	*.630*	*.472*	*1.614*	*.472*	*1015*	
	20	3	1	C4-570-2C 20 047R/L	40.0	20	20	20	47	10.0	70	0.357
					1.575	*.787*	*.787*	*.787*	*1.850*	*.394*	*1015*	
	25	3	1	C4-570-2C 25 051R/L	40.0	25	25	25	51	7.5	70	0.420
					1.575	*.984*	*.984*	*.984*	*2.008*	*.295*	*1015*	
	32	3	1	C4-570-2C 32 056R/L	40.0	32	32	32	56	4.0	70	0.516
					1.575	*1.260*	*1.260*	*1.260*	*2.205*	*.157*	*1015*	
C5	20	3	1	C5-570-2C 20 050R	50.0	20	20	20	50	15.0	70	0.575
					1.969	*.787*	*.787*	*.787*	*1.969*	*.591*	*1015*	
	25	3	1	C5-570-2C 25 054R/L	50.0	25	25	25	54	12.5	70	0.625
					1.969	*.984*	*.984*	*.984*	*2.126*	*.492*	*1015*	
	32	3	1	C5-570-2C 32 061R/L	50.0	32	32	32	61	9.0	70	0.800
					1.969	*1.260*	*1.260*	*1.260*	*2.402*	*.354*	*1015*	
	40	3	1	C5-570-2C 40 075R/L	50.0	40	40	48	75	5.0	70	1.024
					1.969	*1.575*	*1.575*	*1.890*	*2.953*	*.197*	*1015*	
C6	25	3	1	C6-570-2C 25 056R/L	63.0	25	25	25	56	19.0	70	0.986
					2.480	*.984*	*.984*	*.984*	*2.205*	*.748*	*1015*	
	32	3	1	C6-570-2C 32 066R/L	63.0	32	32	32	66	15.5	70	1.150
					2.480	*1.260*	*1.260*	*1.260*	*2.598*	*.610*	*1015*	
	40	3	1	C6-570-2C 40 080R/L	63.0	40	40	48	80	11.5	70	1.457
					2.480	*1.575*	*1.575*	*1.890*	*3.150*	*.453*	*1015*	
		3	1	C6-570-2C 50 097R/L40	63.0	40	50	68	97	12.0	70	1.965
					2.480	*1.575*	*1.969*	*2.677*	*3.819*	*.472*	*1015*	
		3	1	C6-570-2C 60 112R/L40	63.0	40	60	88	112	10.0	70	2.734
					2.480	*1.575*	*2.362*	*3.465*	*4.409*	*.394*	*1015*	
C8	40	3	1	C8-570-2C 40 081R/L	80.0	40	40	81	81	20.0	70	2.168
					3.150	*1.575*	*1.575*	*3.189*	*3.189*	*.787*	*1015*	
		3	1	C8-570-2C 50 102R/L40	80.0	40	50	68	102	20.0	70	2.795
					3.150	*1.575*	*1.969*	*2.677*	*4.016*	*.787*	*1015*	
		3	1	C8-570-2C 60 119R/L40	80.0	40	60	88	119	20.0	70	3.601
					3.150	*1.575*	*2.362*	*3.465*	*4.685*	*.787*	*1015*	

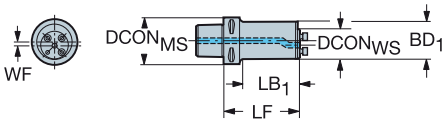
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL adapter





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	BAR PSI	KG
C5	40	3	1	C5-570-2C 50 073-40R/L	50.0	40	50	73	73	5.0	70	1.259
					1.969	*1.575*	*1.969*	*2.874*	*2.874*	*.197*	*1015*	
		3	1	C5-570-2C 50 098-40R/L	50.0	40	50	98	98	5.0	70	1.655
					1.969	*1.575*	*1.969*	*3.858*	*3.858*	*.197*	*1015*	
C6	40	3	1	C6-570-2C 50 124-40R/L	63.0	40	50	98	124	5.0	70	2.380
					2.480	*1.575*	*1.969*	*3.858*	*4.882*	*.197*	*1015*	
		3	1	C6-570-2C 60 148-40R/L	63.0	40	60	123	148	10.0	70	3.500
					2.480	*1.575*	*2.362*	*4.843*	*5.827*	*.394*	*1015*	
C8	40	3	1	C8-570-2C 50 125-40R/L	80.0	40	50	96	125	5.0	70	3.082
					3.150	*1.575*	*1.969*	*3.780*	*4.921*	*.197*	*1015*	
		3	1	C8-570-2C 60 150-40R/L	80.0	40	60	123	150	10.0	70	4.300
					3.150	*1.575*	*2.362*	*4.843*	*5.906*	*.394*	*1015*	

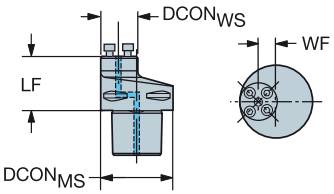
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL adapter





CZCMS	CZCWS	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LF	WF	BAR PSI	KG
C5	32	42.0	3	1	C5-570-32-R/LG	50.0	32	42	9.0	150	0.615
		1.654				*1.969*	*1.260*	*1.654*	*.354*	*2175*	
	40	40.0	3	1	C5-570-40-R/LG	50.0	40	40	11.0	150	0.661
		1.575				*1.969*	*1.575*	*1.575*	*.433*	*2175*	
C6	32	47.0	3	1	C6-570-32-R/LG	63.0	32	47	15.5	150	1.019
		1.850				*2.480*	*1.260*	*1.850*	*.610*	*2175*	
	40	40.0	3	1	C6-570-40-R/LG	63.0	40	45	21.0	150	1.080
		1.575				*2.480*	*1.575*	*1.772*	*.827*	*2175*	
C8	32	62.0	3	1	C8-570-32-R/LG	80.0	32	62	24.0	150	2.020
		2.441				*3.150*	*1.260*	*2.441*	*.945*	*2175*	
	40	62.0	3	1	C8-570-40-R/LG	80.0	40	62	40.0	150	2.100
		2.441				*3.150*	*1.575*	*2.441*	*1.575*	*2175*	
C10	40	78.0	3	1	C10-570-40-R/LG	100.0	40	78	30.0	150	4.188
		3.071				*3.937*	*1.575*	*3.071*	*1.181*	*2175*	

For spare parts, visit www.sandvik.coromant.com

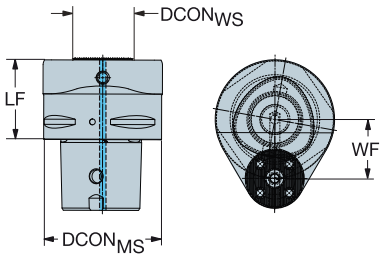
R = Right hand, L = Left hand

G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL adapter

Machine-specific design





Mazak

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	BAR PSI	KG
C8	40	3	1	C8-570-40-LG-040-MZ	80.0	40	55	40.0	150	2.796
					3.150	*1.575*	*2.165*	*1.575*	*2175*	

Mori Seiki - NT6600

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	BAR PSI	KG
C8	40	3	1	C8-570-40-RG-040-MS	80.0	40	55	40.0	150	2.804
					3.150	*1.575*	*2.165*	*1.575*	*2175*	

Adapted for vertical turning lathes

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	BAR PSI	KG
C6	40	3	1	C6-570-40-RG-045	63.0	40	62	45.0	150	1.872
					2.480	*1.575*	*2.441*	*1.772*	*2175*	

Okuma Multus B750
WFL M100, M120, M150

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	BAR PSI	KG
C8	40	3	1	C8-570-40-LG-040	80.0	40	55	40.0	150	2.780
					3.150	*1.575*	*2.165*	*1.575*	*2175*	

For spare parts, visit www.sandvik.coromant.com

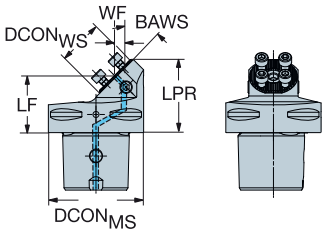
R = Right hand, L = Left hand

G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL adapter

BAWS 45°

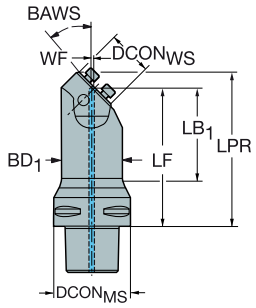




CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LPR	LF	WF	BAR PSI	KG
C5	32	3	1	C5-570-32-R/LX-045	50.0	32	45	34	6.0	70	0.559
					1.969	*1.260*	*1.772*	*1.339*	*.236*	*1015*	
C6	32	3	1	C6-570-32-R/LX-045	63.0	32	48	37	12.5	70	0.907
					2.480	*1.260*	*1.890*	*1.476*	*.492*	*1015*	
	40	3	1	C6-570-40-R/LX-045-060	63.0	40	74	60	14.5	150	1.221
					2.480	*1.575*	*2.913*	*2.362*	*.571*	*2175*	

BAWS 45°





CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	BD1	LB1	LPR	LF	WF	BAR PSI	KG
C5	32	3	1	C5-570-32-RX-045-L1	50.0	32	40	70	101	90	2.0	70	1.168
					1.969	*1.260*	*1.575*	*2.756*	*3.976*	*3.543*	*.079*	*1015*	
C6	32	3	1	C6-570-32-RX-045-L1	63.0	32	45	68	111	100	2.0	70	1.786
					2.480	*1.260*	*1.772*	*2.677*	*4.370*	*3.937*	*.079*	*1015*	
	40	3	1	C6-570-40-RX-045-L1	63.0	40	45	71	114	100	5.0	70	1.883
					2.480	*1.575*	*1.772*	*2.795*	*4.488*	*3.937*	*.197*	*1015*	
C8	40	3	1	C8-570-40-RX-045-L1	80.0	40	50	74	149	135	5.0	70	3.680
					3.150	*1.575*	*1.969*	*2.913*	*5.866*	*5.315*	*.197*	*1015*	

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

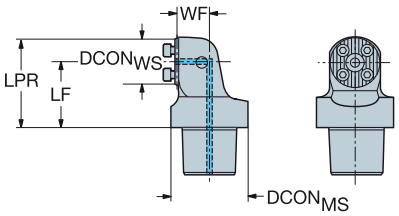
To correspond with coupling size, CZC_{WS} for respective CoroCut® SL and T-Max Q-Cut® SL heads. Right 0° fits left hand heads, right 45° fits right hand heads. Left and right 90° fit both left and right hand heads. Neutral 90° fits both left and right hand heads.

G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL adapter

Coromant Capto® Short

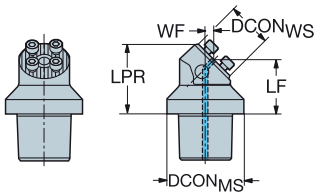




CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LPR	LF	WF	BAR PSI	KG
C3	25	3	1	C3-570-25-R/LF-T	32.0	25	36	23	17.0	70	0.210
					1.260	*.984*	*1.429*	*.925*	*.669*	*1015*	
	32	3	1	C3-570-32-R/LF-T	32.0	32	43	27	17.0	70	0.315
					1.260	*1.260*	*1.705*	*1.063*	*.669*	*1015*	
C4	32	3	1	C4-570-32-R/LF-T	40.0	32	43	27	20.0	70	0.401
					1.575	*1.260*	*1.705*	*1.063*	*.787*	*1015*	
	40	3	1	C4-570-40-R/LF-T	40.0	40	51	31	20.0	70	0.523
					1.575	*1.575*	*2.020*	*1.220*	*.787*	*1015*	
C5	32	3	1	C5-570-32-R/LF-T	50.0	32	43	27	27.0	70	0.595
					1.969	*1.260*	*1.705*	*1.063*	*1.063*	*1015*	
	40	3	1	C5-570-40-R/LF-T	50.0	40	51	31	27.0	70	0.769
					1.969	*1.575*	*2.020*	*1.220*	*1.063*	*1015*	

BAWS 45°





CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LPR	LF	WF	BAR PSI	KG
C4	32	3	1	C4-570-32-R/LX-045-T	40.0	32	33	22	1.0	70	0.300
					1.575	*1.260*	*1.299*	*.866*	*.039*	*1015*	

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

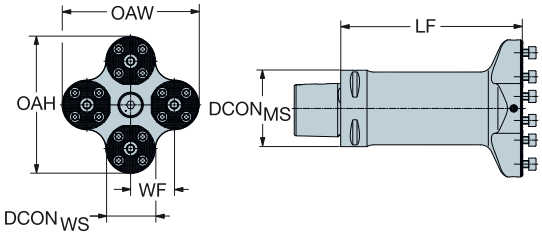
To correspond with coupling size, CZC_{WS} for respective CoroCut® SL and T-Max Q-Cut® SL heads. Right 0° fits left hand heads, right 45° fits right hand heads. Left and right 90° fit both left and right hand heads. Neutral 90° fits both left and right hand heads.

Note: For segment clamping only. Can't be used in basic holders and extension/ reductions. Not for automatic tool change. Has no gripper grooves.

G2 H37 H5 H2

Coromant Capto® mini-turret for four CoroTurn® SL heads

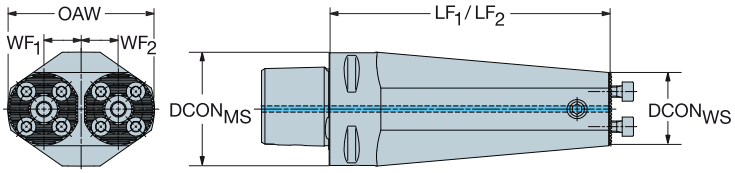




CZC$_{MS}$	CZC$_{WS}$	CNSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	OAW	OAH	BAR PSI	KG
C6	40	3	C6-4-SL40 113 150-AX	63.0	40	150	36.0	113	113	150	4.444
				2.480	*1.575*	*5.906*	*1.417*	*4.449*	*4.449*	*2175*	
C8	40	3	C8-4-SL40 113 180-AX	80.0	40	180	36.0	113	113	150	6.192
				3.150	*1.575*	*7.087*	*1.417*	*4.449*	*4.449*	*2175*	

Boring bar for two CoroTurn® SL heads





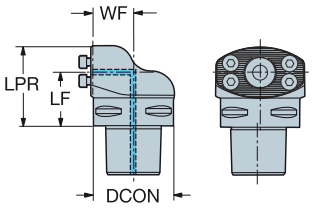
CZC$_{MS}$	CZC$_{WS}$	CNSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	OAW	DIX	BAR PSI	KG
C6	32	3	C6-SL-2C65 150-32-2	63.0	32	150	16.5	65	65	70	3.590
				2.480	*1.260*	*5.906*	*.650*	*2.559*	*2.559*	*1015*	
C8	40	3	C8-SL-2C81 180-40-2	80.0	40	180	20.5	81	81	70	6.939
				3.150	*1.575*	*7.087*	*.807*	*3.189*	*3.189*	*1015*	

For spare parts, visit www.sandvik.coromant.com

G2 H37 H5 H2

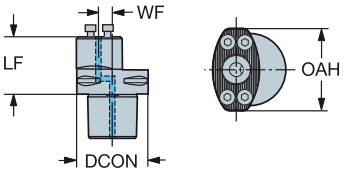
Coromant Capto® to CoroTurn® SL70 adapter





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	BAR PSI	KG
C5	70	3	1	C5-SL70-R/LF-043	50	63	43	33.0	150	1.400
					1.969	*2.490*	*1.693*	*1.299*	*2175*	
C6	70	3	1	C6-SL70-R/LF-043	63	63	43	33.0	150	1.774
					2.480	*2.488*	*1.693*	*1.299*	*2175*	
C8	70	3	1	C8-SL70-R/LF-051	80	71	51	41.5	150	3.280
					3.150	*2.805*	*2.008*	*1.634*	*2175*	
C10	70	3	1	C10-SL70-R/LF-070	100	90	70	51.5	150	6.218
					3.937	*3.551*	*2.756*	*2.028*	*2175*	





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	OAW	OAH	BAR PSI	KG
C5	70	3	1	C5-SL70-R/LG-050	50	50	11.5	56	70	150	1.028
					1.969	*1.969*	*.453*	*2.234*	*2.776*	*2175*	
C6	70	3	1	C6-SL70-R/LG-050	63	50	11.5	63	70	150	1.326
					2.480	*1.969*	*.453*	*2.480*	*2.776*	*2175*	
C8	70	3	1	C8-SL70-R/LG-090	80	90	35.0	95	70	150	3.100
					3.150	*3.543*	*1.378*	*3.740*	*2.776*	*2175*	
C10	70	3	1	C10-SL70-R/LG-100	100	100	48.0	118	70	150	5.229
					3.937	*3.937*	*1.890*	*4.646*	*2.776*	*2175*	

For spare parts, visit www.sandvik.coromant.com

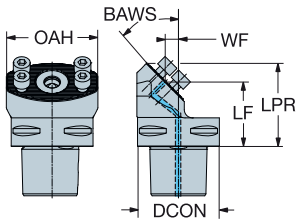
R = Right hand, L = Left hand

G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL70 adapter

BAWS 45°

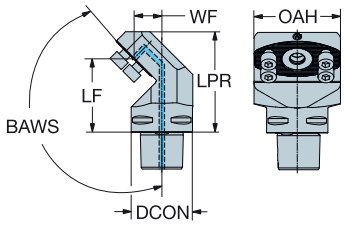




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	OAH	BAR PSI	KG
C5	70	3	1	C5-SL70-R/LX-045-050M	50	65	50	6.0	70	150	0.990
					1.969	*2.559*	*1.969*	*.236*	*2.776*	*2175*	
C6	70	3	1	C6-SL70-R/LX-045-050M	63	64	50	10.0	70	150	1.360
					2.480	*2.520*	*1.969*	*.394*	*2.776*	*2175*	
		3	1	C6-SL70-RX-045-100	63	113	100	5.0	70	150	2.610
					2.480	*4.449*	*3.937*	*.197*	*2.776*	*2175*	
C8	70	3	1	C8-SL70-R/LX-045-090M	80	104	90	18.0	80	150	3.479
					3.150	*4.094*	*3.543*	*.709*	*3.150*	*2175*	

BAWS 135°

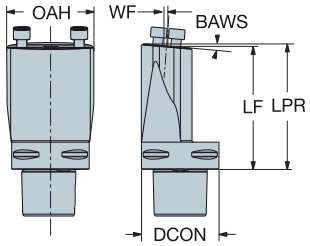




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	OAH	BAR PSI	KG
C5	70	3	1	C5-SL70-R/LX-135-060	50	82	60	23.0	70	150	1.615
					1.969	*3.228*	*2.362*	*.906*	*2.776*	*2175*	

BAWS 5°





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	OAH	BAR PSI	KG
C6	70	3	1	C6-SL70-RX-005-100	63	102	100	11.0	70	150	2.140
					2.480	*4.016*	*3.937*	*.433*	*2.776*	*2175*	

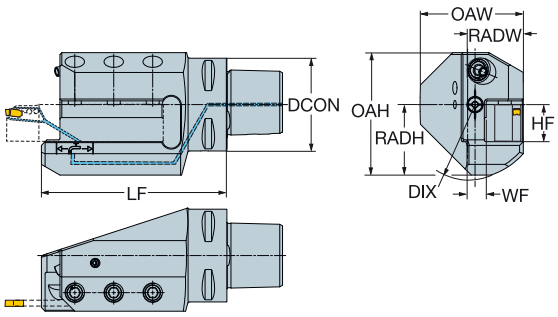
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G2 H37 H5 H2

Coromant Capto® to rectangular shank adapter





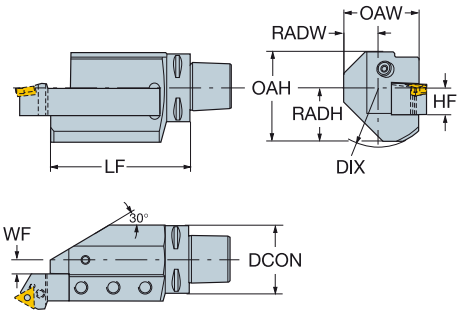
Metric version

					Dimensions, mm											
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	DCON	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
C5	20 x 20	3	5	**C5-ASHR/L-095-20HP**	50.0	95.0	10.0	20.0	55.5	69.0	37.0	30.0	85	150	1.6
C6	20 x 20	3	6	**C6-ASHR/L-105-20HP**	63.0	105.0	10.0	20.0	63.5	69.0	37.0	30.0	85	150	2.3
	25 x 25	3	6	**C6-ASHR/L-122-25HP**	63.0	122.0	13.0	25.0	70.0	78.0	46.0	38.0	100	150	2.9
C8	25 x 25	3	5	**C8-ASHR/L-122-25HP**	80.0	122.0	15.0	25.0	80.0	86.0	46.0	40.0	103	150	4.3

Inch version

					Dimensions, inch										
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	DCON	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	PSI	LBS
C5	3/4 x 3/4	3	5	**C5-ASHR/L-095-12AHP**	1.969	3.740	.431	.750	2.185	2.717	1.457	1.181	3.346	2175	3.6
C6	3/4 x 3/4	3	6	**C6-ASHR/L-105-12AHP**	2.480	4.134	.431	.750	2.500	2.717	1.457	1.181	3.346	2175	5.2
	1 x 1	3	6	**C6-ASHR/L-122-16AHP**	2.480	4.803	.496	1.000	2.756	3.071	1.811	1.496	3.937	2175	6.5





Metric version

					Dimensions, mm										
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	DCON	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
C4	16 x 16	3	7	**C4-ASHR/L-23104-16**	40.0	104.0	7.0	16.0	43.5	50.5	30.0	23.0	65	80	0.9
C10	32 x 32	3	6	**C10-ASHR/L-50150-32**	100.0	150.0	18.0	32.0	100.0	95.0	65.0	50.0	145	80	8.8

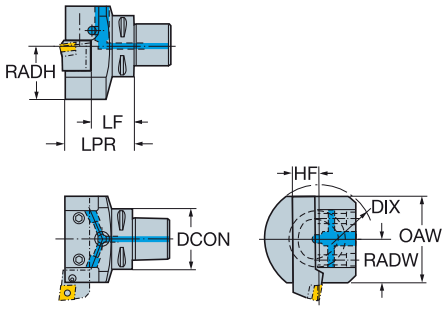
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G2 H37 H5

Coromant Capto® to rectangular shank adapter



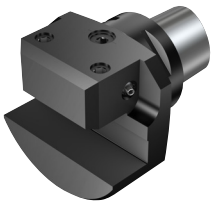


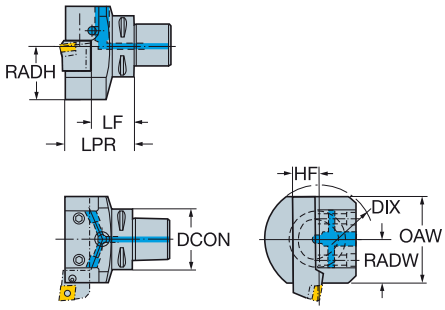
Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
C5	20 x 20	3	6	C5-ASHA-065-20HP	50.0	65.0	45.0	32.0	20.0	64.0	69.0	37.0	32.0	85	150	1.4
C6	20 x 20	3	6	C6-ASHA-070-20HP	63.0	70.0	50.0	32.0	20.0	64.0	69.0	37.0	32.0	85	150	1.8
	25 x 25	3	6	C6-ASHA-080-25HP	63.0	80.0	55.0	38.0	25.0	76.0	78.0	46.0	38.0	100	150	2.4
C8	25 x 25	3	6	C8-ASHA-075-25HP	80.0	75.0	50.0	38.0	25.0	80.0	86.0	46.0	38.0	103	150	3.0

Inch version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, inch DCON	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	PSI	LBS
C5	3/4 x 3/4	3	6	C5-ASHA-065-12AHP	1.969	2.559	1.809	1.260	.750	2.520	2.717	1.457	1.260	3.346	2175	3.2
C6	3/4 x 3/4	3	6	C6-ASHA-070-12AHP	2.480	2.756	1.809	1.260	.750	2.520	2.717	1.457	1.260	3.346	2175	4.1
	1 x 1	3	6	C6-ASHA-080-16AHP	2.480	3.150	2.150	1.496	1.000	2.992	3.071	1.811	1.496	3.937	2175	5.3





Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
C4	16 x 16	3	6	C4-ASHA-25046-16	40.0	46.0	30.0	25.0	16.0	50.0	52.5	32.0	50.0	70	200	0.5
C10	32 x 32	3	6	C10-ASHA-55090-32	100.0	90.0	58.0	40.0	32.0	110.0	115.0	65.0	55.0	145	80	6.4

Inch version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, inch DCON	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	PSI	LBS
C4	5/8 x 5/8	3	6	C4-ASHA-25046-10U	1.575	1.811	1.181	1.969	.625	1.969	2.244	1.260	.984	2.756	1160	1.5

For spare parts, visit www.sandvik.coromant.com

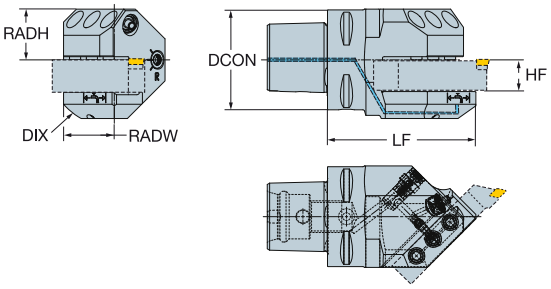
Warning!

The adapters are designed for automatic tool change. Make sure that there is no risk of interference in the magazine and tool-changing cycle.

G2 H37 H5

Coromant Capto® to rectangular shank adapter





Metric version

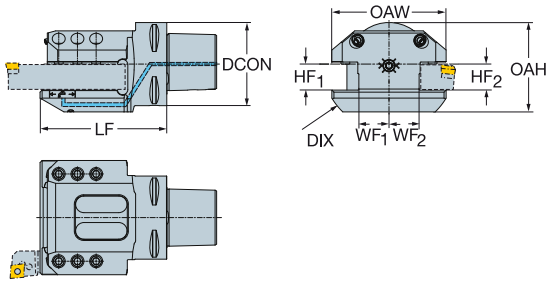
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
C5	20 x 20	3	6	C5-ASHR/L45-085-20HP	50.0	85.0	20.0	64.0	69.0	37.0	32.0	85	150	1.6
C6	20 x 20	3	6	C6-ASHR/L45-095-20HP	63.0	95.0	20.0	64.0	69.0	37.0	32.0	85	150	2.2
	25 x 25	3	6	C6-ASHR/L45-114-25HP	63.0	114.0	25.0	72.0	78.0	46.0	36.0	100	150	2.8

Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, inch DCON	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	PSI	LBS
C5	3/4 x 3/4	3	6	C5-ASHR/L45-085-12AHP	1.969	3.346	3.346	.000	.750	2.520	2.717	1.457	1.260	3.346	2175	3.4
C6	3/4 x 3/4	3	6	C6-ASHR/L45-095-12AHP	2.480	3.740	3.740	.000	.750	2.520	2.717	1.457	1.260	3.346	2175	4.6
	1 x 1	3	6	C6-ASHR/L45-114-16AHP	2.480	4.488	4.488	.000	1.000	2.835	3.071	1.811	1.417	3.937	2175	6.5
C8	1 1/4 x 1 1/4	3	6	C8-ASHR/L45-50135-20-A	3.150	5.315	4.488	.677	1.250	1.772	4.331	1.250		5.512	1160	15.0

R = Right hand, L = Left hand





Metric version

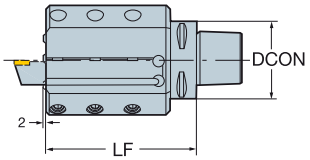
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	RADH	RADW	DIX	BAR	KG
C6	25 x 25	3	6	C6-ASHS-122-25HP	63.0	122.0	122.0	20.0	20.0	25.0	25.0	90.0	78.0	46.0	45.0	114	150	4.1
C8	25 x 25	3	6	C8-ASHS-122-25HP	80.0	122.0	122.0	30.0	30.0	25.0	25.0	110.0	78.0	46.0	55.0	128	150	4.7

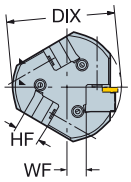
For spare parts, visit www.sandvik.coromant.com

G2 H37 H5

Coromant Capto® mini-turret for three rectangular shank tools







Metric version

				Dimensions, mm						
CZC_{MS}	CZC_{WS}	CNSC	**Ordering code**	DCON	LF	WF	HF	DIX	BAR	KG
C5	20 x 20	3	**C5-ASHR3-36123-20**	50.0	123.0	16.0	20.0	90	80	3.6
C6	20 x 20	3	**C6-ASHR/L3-36125-20**	63.0	125.0	16.0	20.0	90	80	3.9
C8	32 x 25	3	**C8-ASHR3-45150-32**	80.0	150.0	20.0	32.0	120	80	7.3

Inch version

				Dimensions, inch						
CZC_{MS}	CZC_{WS}	CNSC	**Ordering code**	DCON	LF	WF	HF	DIX	PSI	LBS
C6	3/4 x 3/4	3	**C6-ASHR3-36125-12-A**	2.480	4.843	.614	.750	3.543	1160	8.6
C8	1 1/4 x 1 1/4	3	**C8-ASHR3-46150-20-A**	3.150	5.929	.811	1.250	4.724	1160	17.0

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

Warning!

The adapters are designed for automatic tool change. Make sure that there is no risk of interference in the magazine and tool-changing cycle.

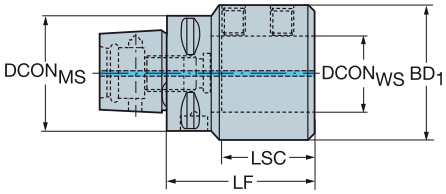
G2 H37 H5

Coromant Capto® to cylindrical shank adapter

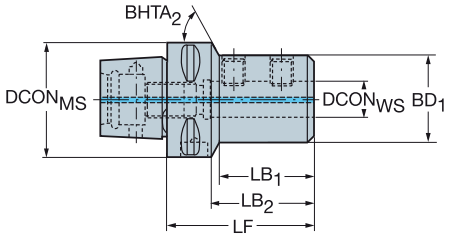
Cylindrical shank with flat according to ISO 9766



DSGN 1



7

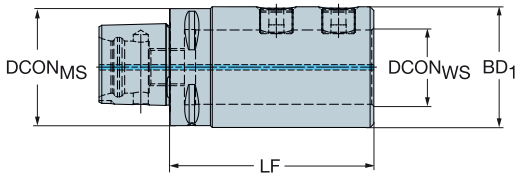


Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	BHTA$_2$	BAR	KG
C3	20	3	1	1	C3-391.27-20 060	32.0	20.0	51	60.0	60.0		40.0			20	0.46
	25	3	1	1	C3-391.27-25 080	32.0	25.0	57	80.0	80.0		45.0			20	0.70
C4	20	3	1	1	C4-391.27-20 060	40.0	20.0	51	60.0	60.0		40.0			20	0.55
	25	3	1	1	C4-391.27-25 077	40.0	25.0	57	77.0	77.0		45.0			20	0.75
	32	3	1	1	C4-391.27-32 088	40.0	32.0	61	88.0	88.0		52.0			20	0.99
C5	20	3	1	7	C5-391.27-20 060	50.0	20.0	51	60.0	37.7	40.0	40.0	40.0	65°	20	0.74
	25	3	1	7	C5-391.27-25 071	50.0	25.0	57	71.0	46.7	51.0	45.0	45.0	30°	20	0.87
	32	3	1	1	C5-391.27-32 075	50.0	32.0	61	75.0	75.0		52.0			20	1.00
	40	3	1	1	C5-391.27-40 100	50.0	40.0	71	100.0	100.0		65.0			20	1.79
C6	20	3	1	7	C6-391.27-20 070	63.0	20.0	51	70.0	43.8	48.0	40.0	40.0	70°	20	1.18
	25	3	1	7	C6-391.27-25 070A	63.0	25.0	57	72.0	45.8	50.0	45.0	45.0	65°	20	1.23
	32	3	1	7	C6-391.27-32 075	63.0	32.0	61	75.0	49.8	53.0	52.0	52.0	60°	20	1.30
	40	3	1	1	C6-391.27-40 085	63.0	40.0	71	85.0	85.0		65.0			20	1.74

Adapter for long easy fix sleeves for Silent Tools





Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LF	BAR	KG
C6	40	3	1	C6-131-00110-40	63.0	40.0	80.0	110.0	80	2.1
C8	40	3	1	C8-131-00110-40	80.0	40.0	80.0	110.0	80	2.9

For spare parts, visit www.sandvik.coromant.com

N = Neutral


G2



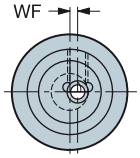
H37

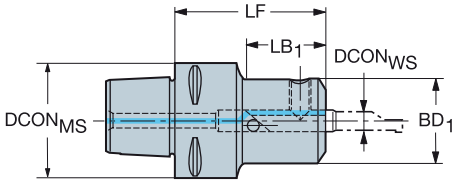


H5

Coromant Capto® to CoroTurn® XS adapter







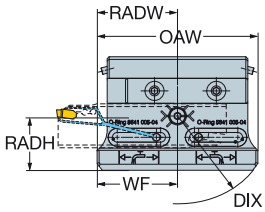
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	BAR PSI	KG
C3	4	3	1	C3-CXS-42-04	32.0	4	21	22	42	1.1	10	0.218
					1.260	*.157*	*.827*	*.866*	*1.654*	*.041*	*145*	
	5	3	1	C3-CXS-42-05	32.0	5	22	22	42	1.3	10	0.224
					1.260	*.197*	*.866*	*.866*	*1.654*	*.051*	*145*	
	6	3	1	C3-CXS-42-06	32.0	6	23	22	42	2.0	10	0.233
					1.260	*.236*	*.925*	*.866*	*1.654*	*.077*	*145*	
	7	3	1	C3-CXS-42-07	32.0	7	25	22	42	2.9	10	0.240
					1.260	*.276*	*.984*	*.866*	*1.654*	*.114*	*145*	
	10	3	1	C3-CXS-42-10	32.0	10	21	27	42	0.0	10	0.240
					1.260	*.394*	*.827*	*1.063*	*1.654*	*.000*	*145*	
C4	4	3	1	C4-CXS-47-04	40.0	4	21	22	47	1.1	10	0.380
					1.575	*.157*	*.827*	*.866*	*1.850*	*.041*	*145*	
	5	3	1	C4-CXS-47-05	40.0	5	22	22	47	1.3	10	0.387
					1.575	*.197*	*.866*	*.866*	*1.850*	*.051*	*145*	
	6	3	1	C4-CXS-47-06	40.0	6	23	22	47	2.0	10	0.392
					1.575	*.236*	*.925*	*.866*	*1.850*	*.077*	*145*	
	7	3	1	C4-CXS-47-07	40.0	7	25	22	47	2.9	10	0.397
					1.575	*.276*	*.984*	*.866*	*1.850*	*.114*	*145*	
	8	3	1	C4-CXS-47-08	40.0	8	22	27	47	0.0	10	0.341
					1.575	*.315*	*.866*	*1.063*	*1.850*	*.000*	*145*	
	10	3	1	C4-CXS-47-10	40.0	10	22	27	47	0.0	10	0.351
					1.575	*.394*	*.866*	*1.063*	*1.850*	*.000*	*145*	
C5	4	3	1	C5-CXS-49-04	50.0	4	21	22	49	1.1	10	0.606
					1.969	*.157*	*.827*	*.866*	*1.929*	*.041*	*145*	
	5	3	1	C5-CXS-49-05	50.0	5	22	22	49	1.3	10	0.587
					1.969	*.197*	*.866*	*.866*	*1.929*	*.051*	*145*	
	6	3	1	C5-CXS-49-06	50.0	6	23	22	49	2.0	10	0.597
					1.969	*.236*	*.925*	*.866*	*1.929*	*.077*	*145*	
	7	3	1	C5-CXS-49-07	50.0	7	25	22	49	2.9	10	0.664
					1.969	*.276*	*.984*	*.866*	*1.929*	*.114*	*145*	
C6	4	3	1	C6-CXS-95-04	63.0	4	21	22	95	1.1	10	1.452
					2.480	*.157*	*.827*	*.866*	*3.740*	*.041*	*145*	
	5	3	1	C6-CXS-95-05	63.0	5	22	22	95	1.3	10	1.480
					2.480	*.197*	*.866*	*.866*	*3.740*	*.051*	*145*	
	6	3	1	C6-CXS-95-06	63.0	6	23	22	95	2.0	10	1.510
					2.480	*.236*	*.925*	*.866*	*3.740*	*.077*	*145*	
	7	3	1	C6-CXS-95-07	63.0	7	25	22	95	2.9	10	1.560
					2.480	*.276*	*.984*	*.866*	*3.740*	*.114*	*145*	

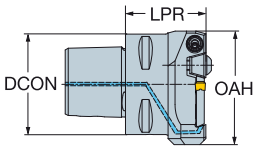
For spare parts, visit www.sandvik.coromant.com

G2 H37 H5 B145

Coromant Capto® to blade adapter

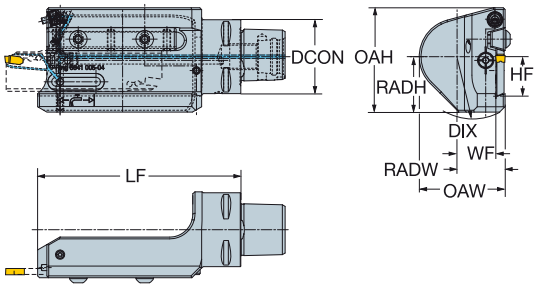






CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR PSI	KG
C5	21	3	6	C5-APBA-040-21HP	50	40	35	40.0	21	80	56	30	40	96	70	0.880
					1.969	*1.575*	*1.378*	*1.575*	*.827*	*3.150*	*2.224*	*1.181*	*1.575*	*3.780*	*1015*	
C6	25	3	6	C6-APBA-050-25HP	63	50	45	41.0	25	82	69	37	41	103	70	1.570
					2.480	*1.969*	*1.772*	*1.614*	*.984*	*3.228*	*2.717*	*1.457*	*1.614*	*4.055*	*1015*	
C8	25	3	6	C8-APBA-050-25HP	80	50	45	41.0	25	82	80	37	41	103	70	2.370
					3.150	*1.969*	*1.772*	*1.614*	*.984*	*3.228*	*3.150*	*1.457*	*1.614*	*4.055*	*1015*	





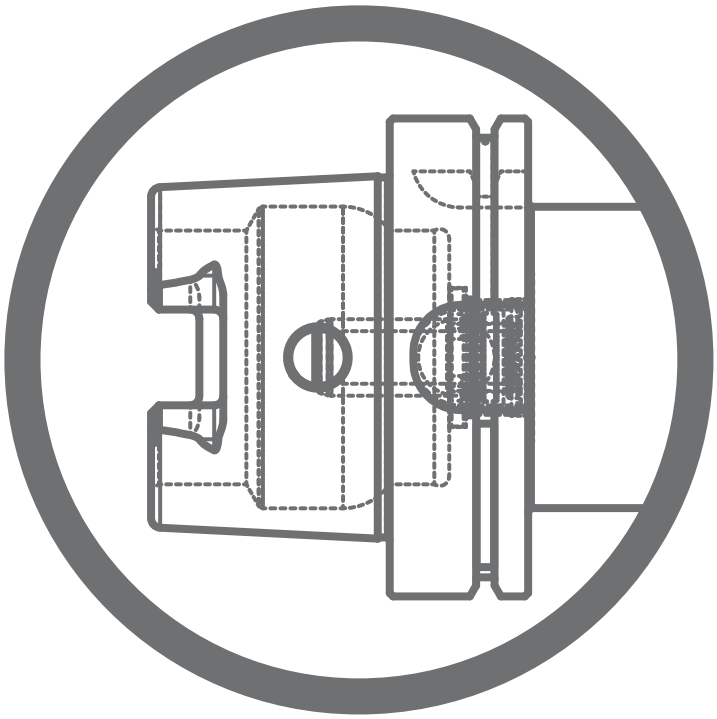
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR PSI	KG
C4	21R/L	3	6	C4-APBR/L-122-21HP	40	122	21.0	21	46	48	32	26	75	70	1.090
					1.575	*4.803*	*.827*	*.827*	*1.831*	*1.909*	*1.260*	*1.024*	*2.953*	*1015*	
C5	21R/L	3	6	C5-APBR/L-122-21HP	50	122	26.0	21	56	48	32	31	85	70	1.310
					1.969	*4.803*	*1.024*	*.827*	*2.224*	*1.909*	*1.260*	*1.220*	*3.346*	*1015*	
C6	25R/L	3	6	C6-APBR/L-160-25HP	63	160	32.0	25	69	69	37	37	100	70	2.480
					2.480	*6.299*	*1.260*	*.984*	*2.717*	*2.717*	*1.457*	*1.457*	*3.937*	*1015*	
C8	25R/L	3	6	C8-APBR/L-160-25HP	80	160	40.5	25	86	81	37	45	111	70	3.370
					3.150	*6.299*	*1.594*	*.984*	*3.386*	*3.189*	*1.457*	*1.791*	*4.370*	*1015*	
	45R/L	3	6	C8-APBR/L-235-45HP	80	235	40.5	45	98	102	62	48	144	70	6.560
					3.150	*9.252*	*1.594*	*1.772*	*3.878*	*4.035*	*2.441*	*1.890*	*5.669*	*1015*	
C10	45R/L	3	6	C10-APBR/L-240-45HP	100	240	52.5	45	110	112	62	60	158	70	9.267
					3.937	*9.449*	*2.067*	*1.772*	*4.350*	*4.429*	*2.441*	*2.362*	*6.220*	*1015*	

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

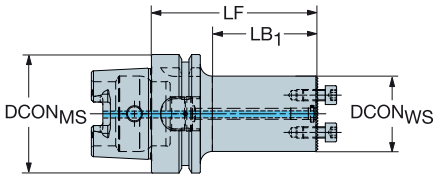
G2 H37 H5

Machine-side interface HSK



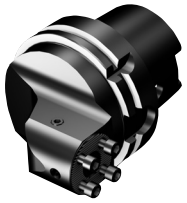
HSK to CoroTurn® SL adapter

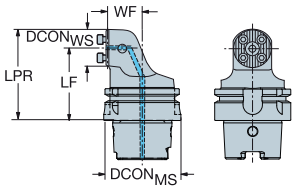




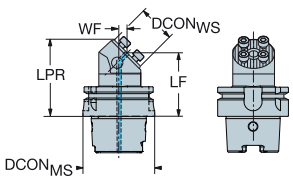
CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LB1	LF	BAR PSI	KG
63	40	1	1	392.T63-2C 40 088	63.0	40	55	88	70	1.330
					2.480	*1.575*	*2.191*	*3.465*	*1015*	

BAWS 90°

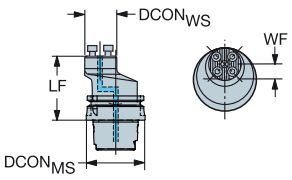




45°



0°



BAWS 90°

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LPR	LF	WF	BAR PSI	KG
63	32	1	1	392.T63SL-32RF	63.0	32	76	60	31.0	70	1.162
					2.480	*1.260*	*2.992*	*2.362*	*1.220*	*1015*	
	40	1	1	392.T63SL-40RF	63.0	40	85	65	31.0	70	1.400
					2.480	*1.575*	*3.358*	*2.559*	*1.220*	*1015*	
100	40	1	1	392.T100SL-40RF	100.0	40	90	70	51.5	70	3.550
					3.937	*1.575*	*3.555*	*2.756*	*2.028*	*1015*	

BAWS 45°

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LPR	LF	WF	BAR PSI	KG
63	32	1	1	392.T63SL-32RX-045	63.0	32	66	55	5.0	70	0.929
					2.480	*1.260*	*2.598*	*2.165*	*.197*	*1015*	
	40	1	1	392.T63SL-40RX-045	63.0	40	74	60	5.0	70	1.113
					2.480	*1.575*	*2.913*	*2.362*	*.197*	*1015*	

BAWS 0°

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LF	WF	BAR PSI	KG
63	32	1	1	392.T63SL-32RG	63.0	32	67	15.5	150	1.090
					2.480	*1.260*	*2.638*	*.610*	*2175*	
	40	1	1	392.T63SL-40RG	63.0	40	67	11.5	150	1.210
					2.480	*1.575*	*2.638*	*.453*	*2175*	
100	40	1	1	392.T100SL-40RG	100.0	40	78	30.0	70	3.100
					3.937	*1.575*	*3.071*	*1.181*	*1015*	

For spare parts, visit www.sandvik.coromant.com

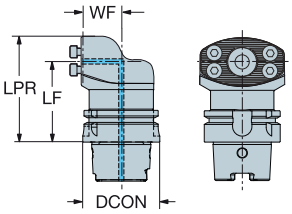
R = Right hand

G2 H37 H5 H2

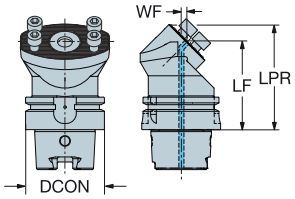
HSK to CoroTurn® SL70 adapter



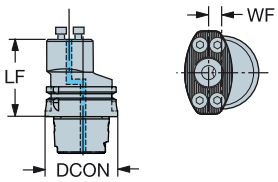
BAWS 90°



45°



0°



BAWS 90°

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	OAW	BAR PSI	KG
63	70	1	1	392.T63SL70RF	63	87	67	33.0	70	150	1.970
					2.480	*3.435*	*2.638*	*1.299*	*2.756*	*2175*	
100	70	1	1	392.T100SL70RF	100	90	70	51.5	100	150	4.520
					3.937	*3.553*	*2.756*	*2.028*	*3.937*	*2175*	

BAWS 45°

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LPR	LF	WF	OAW	BAR PSI	KG
63	70	1	1	392.T63SL70RX-045	63	84	70	5.0	70	150	1.576
					2.480	*3.307*	*2.756*	*.197*	*2.756*	*2175*	
100	70	1	1	392.T100SL70RX-045	100	105	90	5.0	100	150	3.770
					3.937	*4.134*	*3.543*	*.197*	*3.937*	*2175*	

BAWS 0°

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	BAR PSI	KG
63	70	1	1	392.T63SL70RG	63	70	11.5	150	1.438
					2.480	*2.756*	*.453*	*2175*	
100	70	1	1	392.T100-SL70RG	100	110	48.0	150	4.630
					3.937	*4.331*	*1.890*	*2175*	

For spare parts, visit www.sandvik.coromant.com

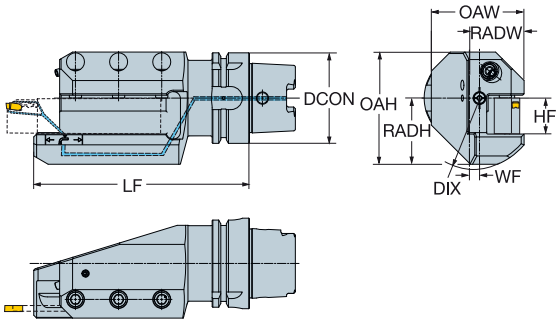
R = Right hand

G2 H37 H5 H2

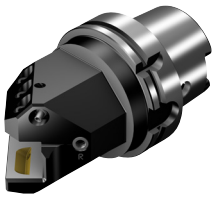
SANDVIK Coromant

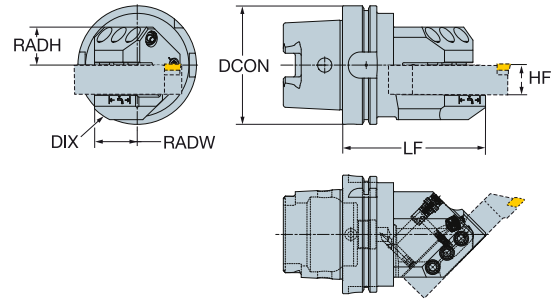
HSK to rectangular shank adapter





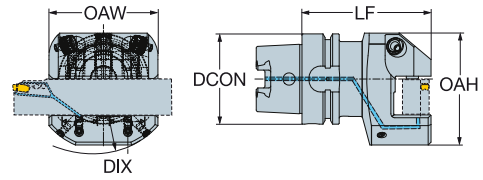
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR PSI	KG
63	25 x 25	3	6	HT06-ASHR/L-132-25HP	63	132	13.0	25	69	78	46	38	100	150	3.118
					2.480	*5.197*	*.512*	*.984*	*2.735*	*3.071*	*1.811*	*1.496*	*3.937*	*2175*	
100	25 x 25	3	6	HT10-ASHR/L-132-25HP	100	132	15.0	25	99	99	46	40	103	150	4.700
					3.937	*5.197*	*.591*	*.984*	*3.934*	*3.934*	*1.811*	*1.575*	*4.055*	*2175*	





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LF	HF	OAW	OAH	RADH	RADW	DIX	BAR PSI	KG
100	25 x 25	3	6	HT10-ASHR/L45-122-25HP	100	122	25	99	99	46	36	103	150	4.375
					3.937	*4.803*	*.984*	*3.934*	*3.934*	*1.811*	*1.417*	*4.055*	*2175*	





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
63	25 x 25	1	6	HT06-ASHA-090-25HP	63.0	90.0	65.0	38.0	25.0	76.0	78.0	46.0	38.0	100	150	2.2
100	25 x 25	1	6	HT10-ASHA-090-25HP	100.0	90.0	65.0	38.0	25.0	99.9	99.9	46.0	38.0	103	150	4.0

Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, inch DCON	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	PSI	LBS
63	1 x 1	3	6	HT06-ASHA-090-16AHP	2.480	3.543	2.543	1.496	1.000	2.992	3.071	1.811	1.496	3.937	2175	5.0

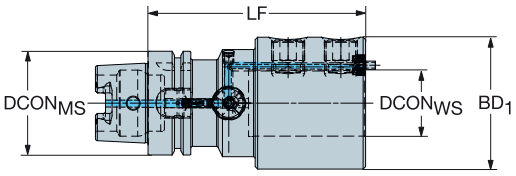
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G2 H37 H5

HSK to cylindrical shank adapter

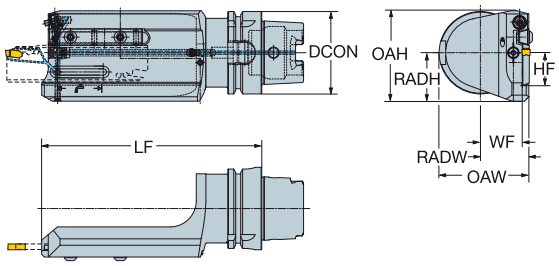




CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	BD1	LF	BAR PSI	KG
63	25	1	7	392.T63-131-124-25	63.0	25	63	124	80	2.630
					2.480	*.984*	*2.480*	*4.882*	*1160*	
	40	1	7	392.T63-131-132-40	63.0	40	80	132	80	3.380
					2.480	*1.575*	*3.150*	*5.197*	*1160*	

HSK to blade adapter



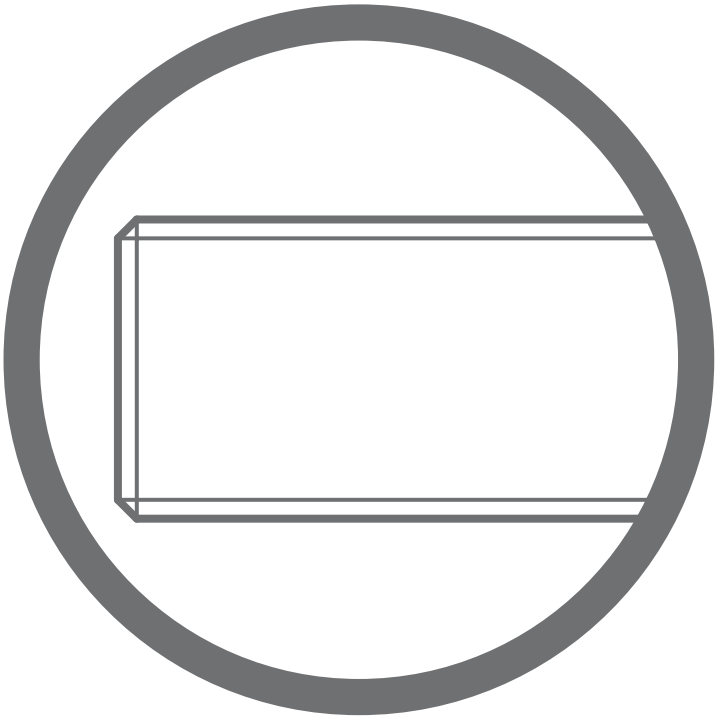


CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR PSI	KG
63	25R/L	3	6	HT06-APBR/L-175-25HP	63	175	32.0	25	69	69	37	37	100	70	2.500
					2.480	*6.890*	*1.260*	*.984*	*2.717*	*2.717*	*1.457*	*1.457*	*3.937*	*1015*	

For spare parts, visit www.sandvik.coromant.com

G2 H37 H5

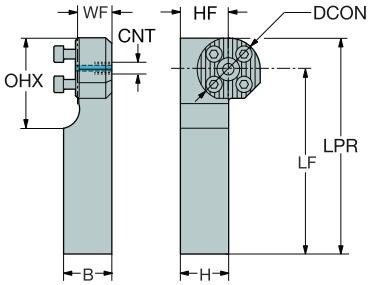
Machine-side interface rectangular shank



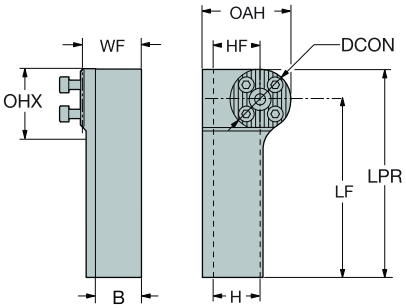
Rectangular shank to CoroTurn® SL adapter



570-xxR/LF



570-xxR/LF-J/N



Metric version

CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LPR	LF	WF	HF	OAH	CNT	BAR	KG
20 x 20	32	29.0	2	1	570-32R/LF-2020	32.0	20.0	20.0	113.7	97.7	18.0	20.0		G1/8"	70	0.4
25 x 25	32	32.0	2	1	570-32R/LF-2525	32.0	25.0	25.0	131.7	115.7	18.0	25.0		G1/8"	70	0.6
		25.0	0	0	570-32R/LF-2525N	32.0	25.0	25.0	135.7	119.7	32.5	25.0	47.3			0.9
	40	30.0	0	0	570-40R/LF-2525N	40.0	25.0	25.0	131.7	111.3	32.5	25.0	51.3			0.9
32 x 32	32	30.0	2	1	570-32R/LF-3232	32.0	32.0	32.0	151.7	135.7	26.0	32.0		G1/8"	70	1.2
	40	36.0	2	1	570-40R/LF-3232	40.0	32.0	32.0	154.0	134.0	26.0	32.0		G1/8"	70	1.3

Inch version

CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON	B	H	LPR	LF	WF	HF	OAH	CNT	PSI	LBS
1 x 1	32	1.260	2	1	570-32R/LF-16	1.260	1.000	1.000	5.278	4.648	.709	1.000		1/8-27	1015	1.5
		.984	0	0	570-32R/LF-16N	1.260	1.000	1.000	5.278	4.648	1.295	1.000	1.879			2.0
1 1/4 x 1 1/4	32	1.220	2	1	570-32R/LF-20	1.260	1.250	1.250	6.278	5.648	1.024	1.250		1/8-27	1015	2.9
	40	1.181	2	1	570-40R/LF-20	1.575	1.250	1.250	6.169	5.382	1.024	1.260		1/8-27	1015	2.9

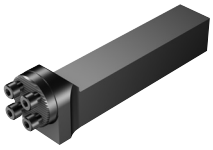
For spare parts, visit www.sandvik.coromant.com

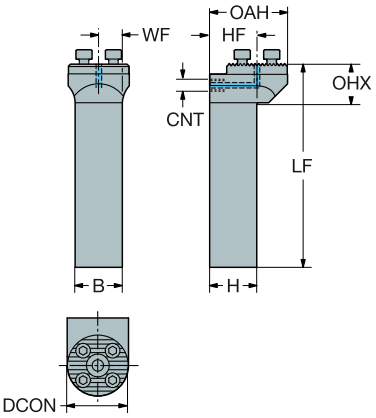
R = Right hand, L = Left hand

J or N in code = reinforced adapter with increased support areas. No coolant through possible.

H37 H5 H2

Rectangular shank to CoroTurn® SL adapter





Metric version

						Dimensions, mm								BAR	KG
CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	**Ordering code**	DCON	B	H	LF	WF	HF	OAH	CNT		
20 x 20	25	21.0	1	1	**570-25NG-2020**	25.0	20.0	20.0	111.0	10.0	20.0	32.6	G1/8	80	0.4
	32	21.0	1	1	**570-32NG-2020**	32.0	20.0	20.0	103.0	10.0	20.0	36.2	G1/8	80	0.4
25 x 25	25	21.0	1	1	**570-25NG-2525**	25.0	25.0	25.0	132.0	12.5	25.0	37.6	G1/8	80	0.7
	32	21.0	1	1	**570-32NG-2525**	32.0	25.0	25.0	132.0	12.5	25.0	41.2	G1/8	80	0.7
	40	25.0	1	1	**570-40NG-2525**	40.0	25.0	25.0	132.0	12.5	25.0	45.2	G1/8	80	0.8
32 x 32	32	21.0	1	1	**570-32NG-3232**	32.0	32.0	32.0	152.0	16.0	32.0	48.2	G1/8	80	1.2
	40	26.0	1	1	**570-40NG-3232**	40.0	32.0	32.0	152.0	16.0	32.0	52.2	G1/8	80	1.3

Inch version

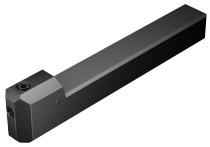
						Dimensions, inch								PSI	LBS
CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	**Ordering code**	DCON	B	H	LF	WF	HF	OAH	CNT		
3/4 x 3/4	32	.827	1	1	**570-32NG-12**	1.260	.750	.750	4.120	.374	.750	1.386	G1/8	1160	0.9
1 x 1	32	.827	1	1	**570-32NG-16**	1.260	1.000	1.000	5.291	.499	1.000	1.638	G1/8	1160	1.7
1 1/4 x 1 1/4	32	.827	1	1	**570-32NG-20**	1.260	1.250	1.250	6.291	.625	1.250	1.886	G1/8	1160	2.9
	40	1.024	1	1	**570-40NG-20**	1.575	1.250	1.250	6.094	.625	1.250	2.047	G1/8	1160	3.1

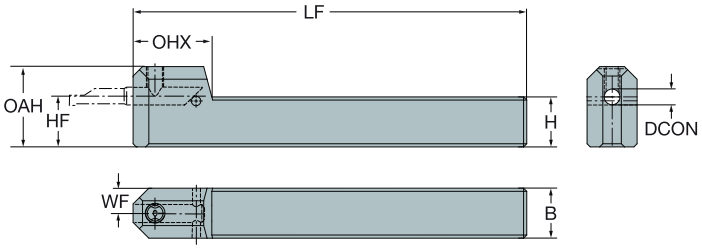
For spare parts, visit www.sandvik.coromant.com

N = Neutral

H37 H5 H2

Rectangular shank to CoroTurn® XS adapter





Metric version

CZC_{MS}	CZC_{WS}	OHX	Ordering code	Dimensions, mm DCON	B	H	LF	WF	HF	OAH	KG
12 x 12	4	19.0	CXS-1212-04FN	4.0	12.0	12.0	100.0	6.0	12.0	21.0	0.1
	5	25.0	CXS-1212-05FN	5.0	12.0	12.0	100.0	6.0	12.0	21.5	0.1
	6	26.0	CXS-1212-06FN	6.0	12.0	12.0	100.0	6.0	12.0	22.0	0.1
16 x 16	4	19.0	CXS-1616-04FN	4.0	16.0	16.0	125.0	8.0	16.0	25.0	0.2
	5	25.0	CXS-1616-05FN	5.0	16.0	16.0	125.0	8.0	16.0	25.5	0.2
	6	26.0	CXS-1616-06FN	6.0	16.0	16.0	125.0	8.0	16.0	26.0	0.2
	7	26.5	CXS-1616-07FN	7.0	16.0	16.0	125.0	8.0	16.0	26.5	0.2
20 x 20	4	19.0	CXS-2020-04FN	4.0	20.0	20.0	125.0	10.0	20.0	29.0	0.4
	5	25.0	CXS-2020-05FN	5.0	20.0	20.0	125.0	10.0	20.0	29.5	0.4
	6	25.5	CXS-2020-06FN	6.0	20.0	20.0	125.0	10.0	20.0	30.0	0.4
	7	26.5	CXS-2020-07FN	7.0	20.0	20.0	125.0	10.0	20.0	30.5	0.4
	8	32.5	CXS-2020-08FN	8.0	20.0	20.0	125.0	10.0	20.0	31.0	0.4
	10	34.5	CXS-2020-10FN	10.0	20.0	20.0	125.0	10.0	20.0	32.0	0.4
25 x 25	5	25.9	CXS-2525-05FN	5.0	25.0	25.0	150.0	12.5	25.0	34.5	0.7
	6	25.5	CXS-2525-06FN	6.0	25.0	25.0	150.0	12.5	25.0	35.0	0.7
	7	26.5	CXS-2525-07FN	7.0	25.0	25.0	150.0	12.5	25.0	35.5	0.7
	8	32.5	CXS-2525-08FN	8.0	25.0	25.0	150.0	12.5	25.0	36.0	0.7
	10	34.5	CXS-2525-10FN	10.0	25.0	25.0	150.0	12.5	25.0	37.0	0.7

Inch version

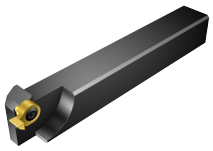
CZC_{MS}	CZC_{WS}	OHX	Ordering code	Dimensions, inch DCON	B	H	LF	WF	HF	OAH	LBS
3/4 x 3/4	8	1.280	CXS-12-08FN	.315	.750	.750	4.921	.375	.750	1.181	1.0
	10	1.358	CXS-12-10FN	.394	.750	.750	4.921	.375	.750	1.220	1.0
1 x 1	8	1.280	CXS-16-08FN	.315	1.000	1.000	5.906	.500	1.000	1.417	1.8
	10	1.358	CXS-16-10FN	.394	1.000	1.000	5.906	.500	1.000	1.457	1.8

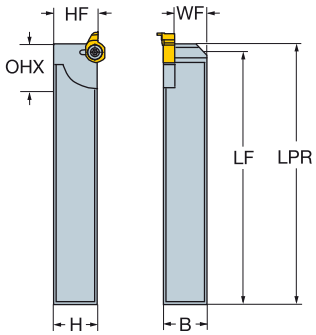
For spare parts, visit www.sandvik.coromant.com

N = Neutral

H37 H5 B145

Rectangular shank to CoroCut® MB adapter





Metric version

CZC_{MS}	CZC_{WS}	OHX	Ordering code	Dimensions, mm DCON	B	H	LPR	LF	WF	HF	NM	KG
12 x 12	09	20.0	**MBG-1212-09R/L**	9.0	12.0	12.0	100.0	95.5	15.1	12.0	3	0.1
16 x 16	09	20.0	**MBG-1616-09R/L**	9.0	16.0	16.0	120.0	115.5	19.1	16.0	3	0.2
20 x 20	09	20.0	**MBG-2020-09R/L**	9.0	20.0	20.0	120.0	115.5	23.1	20.0	3	0.4
25 x 25	09	20.0	**MBG-2525-09R/L**	9.0	25.0	25.0	150.0	145.5	28.1	25.0	3	0.7

Inch version

CZC_{MS}	CZC_{WS}	OHX	Ordering code	Dimensions, inch DCON	B	H	LPR	LF	WF	HF	FT/LBS	LBS
5/8 x 5/8	09	.787	**MBG-10C-09R/L**	.354	.625	.625	4.724	4.547	.747	.625	2	0.6
3/4 x 3/4	09	.787	**MBG-12C-09R/L**	.354	.750	.750	4.724	4.547	.872	.750	2	0.8
1 x 1	09	.787	**MBG-16D-09R/L**	.354	1.000	1.000	5.906	5.728	1.122	1.000	2	1.7

General minimum hole depends on insert; see respective insert ordering page.

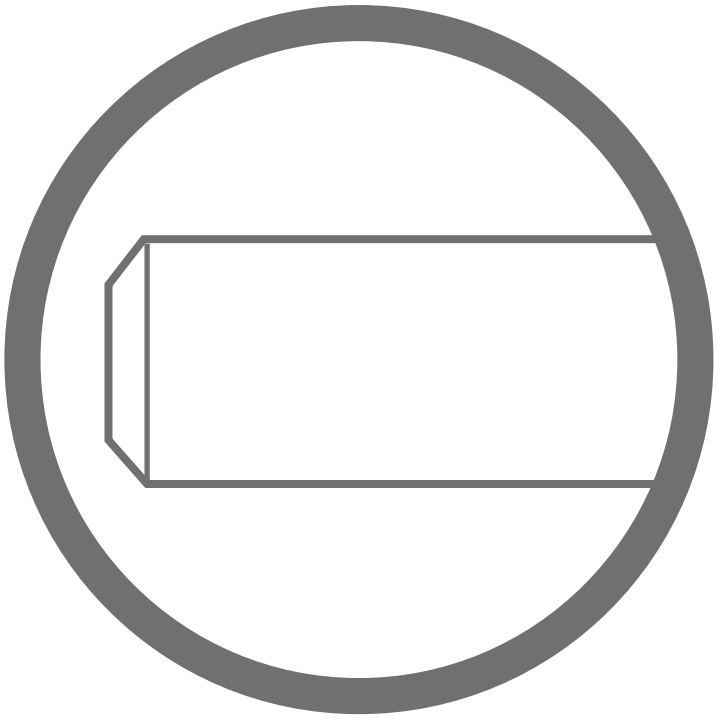
R = Right hand, L = Left hand

Note: Right hand tools use left hand inserts and vice versa.

For spare parts, visit www.sandvik.coromant.com

H37 H5 B155

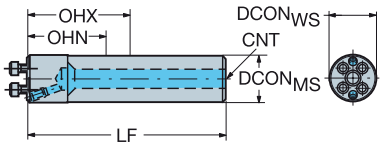
Machine-side interface cylindrical shank



Cylindrical shank to CoroTurn® SL solid-carbide adapter

With groove for EasyFix sleeve





Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	DCON$_{MS}$	DCON$_{WS}$	LF	BAR	KG
							Dimensions, mm				
16	16	16.0	76.0	1	1	**570-2C 16 170 CR**	16.0	16.0	170.0	150	0.4
20	20	20.0	100.0	1	1	**570-2C 20 200 CR**	20.0	20.0	200.0	150	0.8
25	25	25.0	130.0	1	1	**570-2C 25 250 CR**	25.0	25.0	250.0	150	1.5

Inch version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LF	PSI	LBS
							Dimensions, inch					
5/8	16	.630	2.963	1	1	**A570-2C D10 07-16 CR**	.625	.630	.630	7.087	2175	0.7
3/4	20	.787	3.713	1	1	**A570-2C D12 08-20 CR**	.750	.787	.787	8.071	2175	1.7
1	25	.984	5.213	1	1	**A570-2C D16 10-25 CR**	1.000	.984	1.000	10.039	2175	3.6

For spare parts, visit www.sandvik.coromant.com

N = Neutral

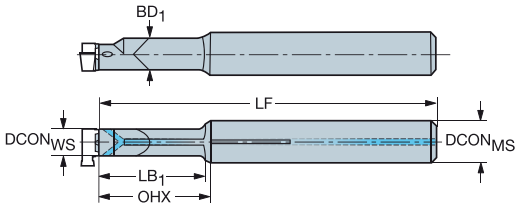
H37 H5 H2

Cylindrical shank to CoroCut® MB adapter

With groove for EasyFix sleeve

Carbide shank





Metric version

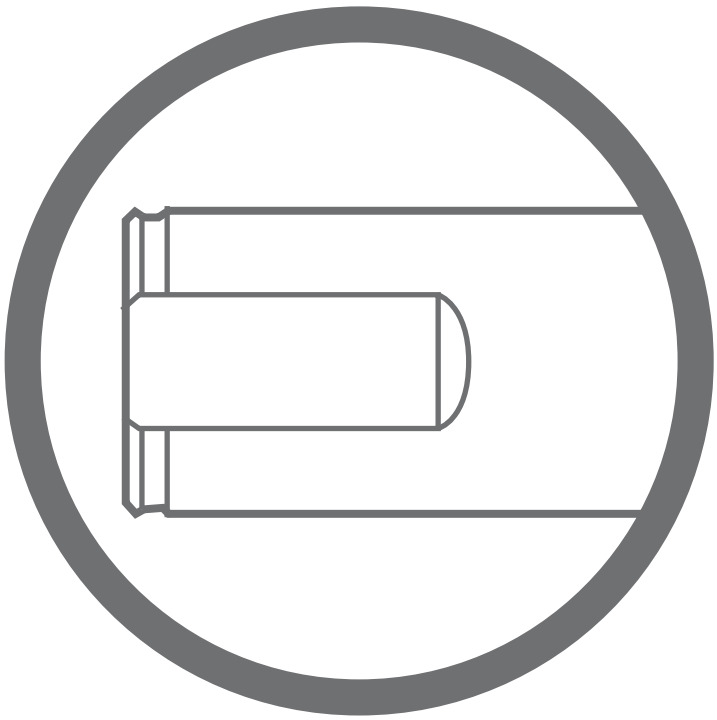
CZC$_{MS}$	CZC$_{WS}$	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	BAR	KG
12	07	24.0	1	1	MB-E12-24-07R	12.0	7.0	7.4	20.1	88.1	10	0.1
		32.0	1	1	MB-E12-32-07R	12.0	7.0	7.4	28.1	96.1	10	0.1
		48.0	1	1	MB-E12-48-07R	12.0	7.0	7.4	44.1	111.1	10	0.1
		64.0	1	3	MB-E12-64-07R	12.0	7.0	9.0	60.1	126.1	80	0.1
	09	34.0	1	1	MB-E12-34-09R	12.0	9.0	9.5	28.7	94.7	10	0.1
		45.0	1	1	MB-E12-45-09R	12.0	9.0	9.5	39.7	104.7	10	0.1
		64.0	1	1	MB-E12-64-09R	12.0	9.0	9.5	59.7	124.7	10	0.1
16	09	34.0	1	1	MB-E16-34-09R	16.0	9.0	9.5	28.7	94.7	10	0.2
		45.0	1	1	MB-E16-45-09R	16.0	9.0	9.5	39.7	104.7	10	0.2
		64.0	1	1	MB-E16-64-09R	16.0	9.0	9.5	58.7	124.7	10	0.2
		75.0	1	3	MB-E16-75-09R	16.0	9.0	11.0	69.8	134.8	80	0.2
	11	42.0	1	1	MB-E16-42-11R	16.0	11.0	11.0	42.0	94.4	10	0.2
		60.0	1	1	MB-E16-60-11R	16.0	11.0	11.0	60.0	124.4	10	0.3
		85.0	1	1	MB-E16-85-11R	16.0	11.0	11.0	85.0	154.4	10	0.3
20	11	85.0	1	1	MB-E20-85-11R	20.0	11.0	11.0	85.0	154.4	10	0.5

General minimum hole depends on insert; see respective insert ordering page.

For spare parts, visit www.sandvik.coromant.com

H37 H5 B155

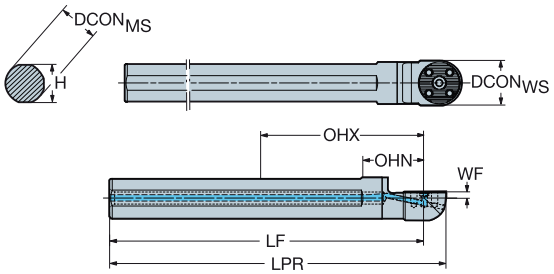
Machine-side interface cylindrical shank with flat



Cylindrical shank with flat to CoroTurn® SL adapter

Boring bars for facegrooving





Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	LPR	LF	WF	BAR	KG
25	32	41.0	100.0	1	1	**SL-25-32NF**	25.0	32.0	23.0	216.0	200.0	5.9	70	0.8
32	32	41.0	128.0	1	1	**SL-32-32NF**	32.0	32.0	30.0	266.0	250.0	5.9	70	1.4
40	32	50.0	160.0	1	1	**SL-40-32NF**	40.0	32.0	37.0	320.0	300.0	5.9	70	2.7
	40	50.0	160.0	1	1	**SL-40-40NF**	40.0	40.0	37.0	320.0	300.0	5.9	70	2.7
50	32	50.0	200.0	1	1	**SL-50-32NF**	50.0	32.0	47.0	375.0	350.0	12.0	70	5.5

Inch version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	H	LPR	LF	WF	PSI	LBS
1	32	1.969	4.000	1	1	**SL-D16-32NF**	1.000	1.260	.906	8.661	8.000	.232	1015	4.0
1 1/4	32	1.969	5.000	1	1	**SL-D20-32NF**	1.250	1.260	1.181	10.630	10.000	.232	1015	3.3
1 1/2	32	1.969	6.000	1	1	**SL-D24-32NF**	1.500	1.260	1.378	12.795	12.000	.232	1015	5.6
	40	1.969	6.000	1	1	**SL-D24-40NF**	1.500	1.575	1.378	12.795	12.000	.232	1015	5.5
2	32	1.969	8.000	1	1	**SL-D32-32NF**	2.000	1.260	1.874	14.961	14.016	.472	1015	12.5

For spare parts, visit www.sandvik.coromant.com

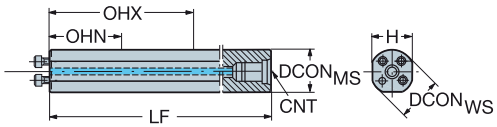
N = Neutral

H37 H5 H2

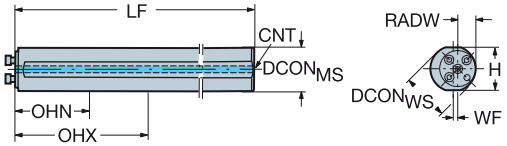
Cylindrical shank with flat to CoroTurn® SL adapter



570-2C



570-2C..-40



Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	CNT	BAR	KG
16	16	0.0	44.0	1	1	**570-2C 16 105**	16.0	16.0	15.0	105.0	0.0	G1/8	150	0.1
20	20	0.0	60.0	1	1	**570-2C 20 140**	20.0	20.0	18.0	140.0	0.0	G1/4	150	0.3
25	25	0.0	80.0	1	1	**570-2C 25 200**	25.0	25.0	23.0	200.0	0.0	G1/4	150	0.7
32	32	0.0	96.0	1	1	**570-2C 32 218**	32.0	32.0	30.0	218.0	0.0	G3/8	150	1.1
40	40	0.0	128.0	1	1	**570-2C 40 283**	40.0	40.0	37.0	283.0	0.0	G1/2	150	2.4
50	40	0.0	168.0	1	1	**570-2C 50 368-40**	50.0	40.0	47.0	368.0	5.0	G1/2	150	5.2
60	40	0.0	208.0	1	1	**570-2C 60 468-40**	60.0	40.0	57.0	468.0	10.0	G1/2	150	9.4

EasyFix for 16-25 mm (.625-1.000 inch)

Inch version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	H	BD$_1$	LF	WF	CNT	PSI	LBS
5/8	16	.000	1.713	1	1	**A570-2C D10 04-16**	.625	.630	.560	.630	4.210	.000	G1/8	2175	0.3
3/4	20	.000	2.213	1	1	**A570-2C D12 05-20**	.750	.787	.710	.787	5.200	.000	G1/4	2175	0.6
1	25	.000	3.213	1	1	**A570-2C D16 07-25**	1.000	.984	.910	.984	7.200	.000	G1/4	2175	1.5
1 1/4	32	.000	3.740	1	1	**A570-2C D20 09-32**	1.250	1.260	1.180	1.260	8.740	.000	G3/8	2175	2.6
1 1/2	40	.000	4.740	1	1	**A570-2C D24 11-40**	1.500	1.575	1.370	1.575	10.750	.000	G1/2	2175	4.6
1 3/4	40	.000	5.740	1	1	**A570-2C D28 13-40**	1.750	1.575	1.624	1.750	12.992	.000	G1/2	2175	8.1
2	40	.000	6.740	1	1	**A570-2C D32 15-40**	2.000	1.575	1.870	2.000	14.720	.213	G1/2	2175	11.9
2 1/2	40	.000	8.740	1	1	**A570-2C D40 19-40**	2.500	1.575	2.380	2.500	18.740	.462	G1/2	2175	24.5

EasyFix for 16-25 mm (.625-1.000 inch)

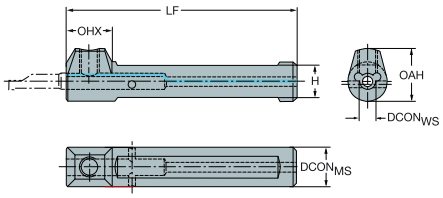
For spare parts, visit www.sandvik.coromant.com

H37 H5 H2

Cylindrical shank with flat to CoroTurn® XS adapter

Cylindrical with two flats

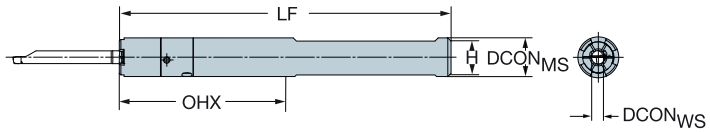




Steel shank

CZCMS	CZCWS	OHN	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	H	LF	OAH	BAR PSI	KG
10	4	14.0	1	1	CXS-A10-04	10.0	4	8	65	14	10	0.062
		.551				*.394*	*.157*	*.315*	*2.559*	*.571*	*145*	
	5	14.0	1	1	CXS-A10-05	10.0	5	8	65	15	10	0.060
		.551				*.394*	*.197*	*.315*	*2.559*	*.591*	*145*	
12	4	14.0	1	1	CXS-A12-04	12.0	4	10	70	15	10	0.084
		.551				*.472*	*.157*	*.394*	*2.756*	*.610*	*145*	
	5	14.0	1	1	CXS-A12-05	12.0	5	10	70	16	10	0.080
		.551				*.472*	*.197*	*.394*	*2.756*	*.630*	*145*	
	6	14.0	1	1	CXS-A12-06	12.0	6	10	70	16	10	0.081
		.551				*.472*	*.236*	*.394*	*2.756*	*.650*	*145*	
16	4	14.0	1	1	CXS-A16-04	16.0	4	14	75	17	10	0.120
		.551				*.630*	*.157*	*.551*	*2.953*	*.689*	*145*	
	5	14.0	1	1	CXS-A16-05	16.0	5	14	75	18	10	0.131
		.551				*.630*	*.197*	*.551*	*2.953*	*.709*	*145*	
	6	14.0	1	1	CXS-A16-06	16.0	6	14	75	18	10	0.120
		.551				*.630*	*.236*	*.551*	*2.953*	*.728*	*145*	
	7	14.0	1	1	CXS-A16-07	16.0	7	14	75	19	10	0.129
		.551				*.630*	*.276*	*.551*	*2.953*	*.748*	*145*	
	8	14.0	1	1	CXS-A16-08	16.0	8	14	75	19	10	0.130
		.551				*.630*	*.315*	*.551*	*2.953*	*.768*	*145*	
20	4	14.0	1	1	CXS-A20-04	20.0	4	18	90	20	10	0.231
		.551				*.787*	*.157*	*.709*	*3.543*	*.787*	*145*	
	5	14.0	1	1	CXS-A20-05	20.0	5	18	90	20	10	0.213
		.551				*.787*	*.197*	*.709*	*3.543*	*.787*	*145*	
	6	14.0	1	1	CXS-A20-06	20.0	6	18	90	22	10	0.229
		.551				*.787*	*.236*	*.709*	*3.543*	*.866*	*145*	
	7	14.0	1	1	CXS-A20-07	20.0	7	18	90	22	10	0.227
		.551				*.787*	*.276*	*.709*	*3.543*	*.866*	*145*	
	8	14.0	1	1	CXS-A20-08	20.0	8	18	90	25	10	0.010
		.551				*.787*	*.315*	*.709*	*3.543*	*.984*	*145*	
	10	14.0	1	1	CXS-A20-10	20.0	10	18	90	25	10	0.230
		.551				*.787*	*.394*	*.709*	*3.543*	*.984*	*145*	
25	8	15.0	1	1	CXS-A25-08	25.0	8	23	110	25	10	0.413
		.591				*.984*	*.315*	*.906*	*4.331*	*.984*	*145*	
	10	15.0	1	1	CXS-A25-10	25.0	10	23	110	25	10	0.410
		.591				*.984*	*.394*	*.906*	*4.331*	*.984*	*145*	





Carbide shank

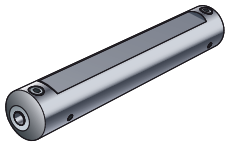
CZCMS	CZCWS	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	H	LF	BAR PSI	NM	KG
12 (x 10)	4	53.0	1	3	CXS-E12-04-X	12.0	4	11	103	80	8	0.152
		2.087				.472	.157	.433	4.055	1160		
	5	58.0	1	3	CXS-E12-05-X	12.0	5	24	108	80	8	0.274
		2.283				.472	.197	.945	4.252	1160		

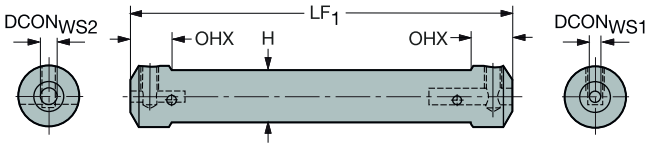
For spare parts, visit www.sandvik.coromant.com

N = Neutral

H37 H5 B145

Cylindrical shank with flat to CoroTurn® XS double-ended adapter







For Citizen machines

CZC$_{MS}$	CZC$_{WS}$	OHN	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	H	LF$_1$	BAR PSI	KG
3/4	6	15.0	1	1	CXS-A075-04-06	19.1	6	18	140	10	0.280
		.591				*.750*	*.236*	*.709*	*5.512*	*145*	

For other machines

CZC$_{MS}$	CZC$_{WS}$	OHN	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	H	LF$_1$	BAR PSI	KG
20	6	15.0	1	1	CXS-A20-04-06	20.0	6	18	140	10	0.336
		.591				*.787*	*.236*	*.709*	*5.512*	*145*	

For spare parts, visit www.sandvik.coromant.com

N = Neutral

H37 ISO 13399

H5 CNSC CXSC

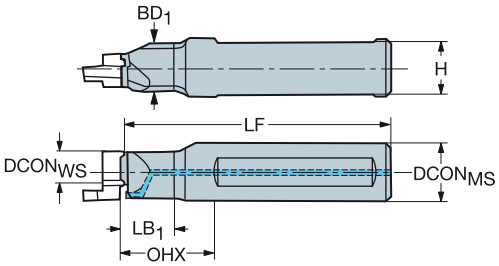
B145

Cylindrical shank with flat to CoroCut® MB adapter

With groove for EasyFix sleeve

Steel shank



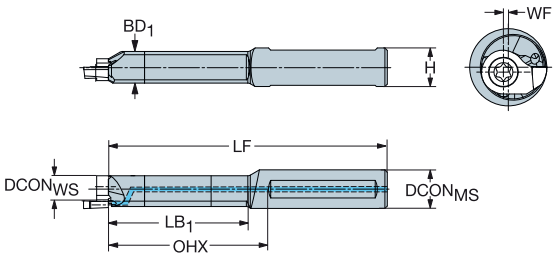


Metric version

CZC MS	CZC WS	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON MS	DCON WS	H	BD1	LB1	LF	BAR	KG
16	09	15.7	1	1	MB-A16-05-09R/L-HP	16.0	9.0	14.0	16.0	5.3	64.7	80	0.1
		20.0	1	1	MB-A16-20-09R/L-HP	16.0	9.0	14.0	9.0	20.0	74.7	80	0.1
20	11	5.6	1	1	MB-A20-05-11R/L-HP	20.0	11.0	18.0	11.0	5.6	79.4	80	0.2

Carbide shank





Metric version

CZC MS	CZC WS	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON MS	DCON WS	H	BD1	LB1	LF	WF	BAR	KG
12	07	24.0	1	3	MB-E12-24-07	12.0	7.0	10.0	7.4	20.1	87.9	0.0	10	0.1
		32.0	1	3	MB-E12-32-07	12.0	7.0	10.0	7.4	28.1	96.1	0.0	10	0.1
		48.0	1	3	MB-E12-48-07	12.0	7.0	10.0	7.4	44.1	111.1	0.0	10	0.1
	09	34.0	1	3	MB-E12-34-09	12.0	9.0	10.0	9.5	28.7	94.7	0.0	10	0.1
		45.0	1	3	MB-E12-45-09	12.0	9.0	10.0	9.5	39.7	104.7	0.0	10	0.1
		64.0	1	3	MB-E12-64-09	12.0	9.0	10.0	9.5	59.7	124.7	0.0	10	0.1
16	09	45.0	1	3	MB-E16-45-09	16.0	9.0	14.0	9.5	39.7	104.7	0.0	10	0.2
		64.0	1	3	MB-E16-64-09	16.0	9.0	14.0	9.5	58.7	124.7	0.0	10	0.2
		42.0	1	3	MB-E16R/L-42-09	16.0	9.0	15.0	13.0	36.7	94.8	1.0	80	0.2
		60.0	1	3	MB-E16R/L-60-09	16.0	9.0	15.0	13.0	56.7	114.8	1.0	80	0.1

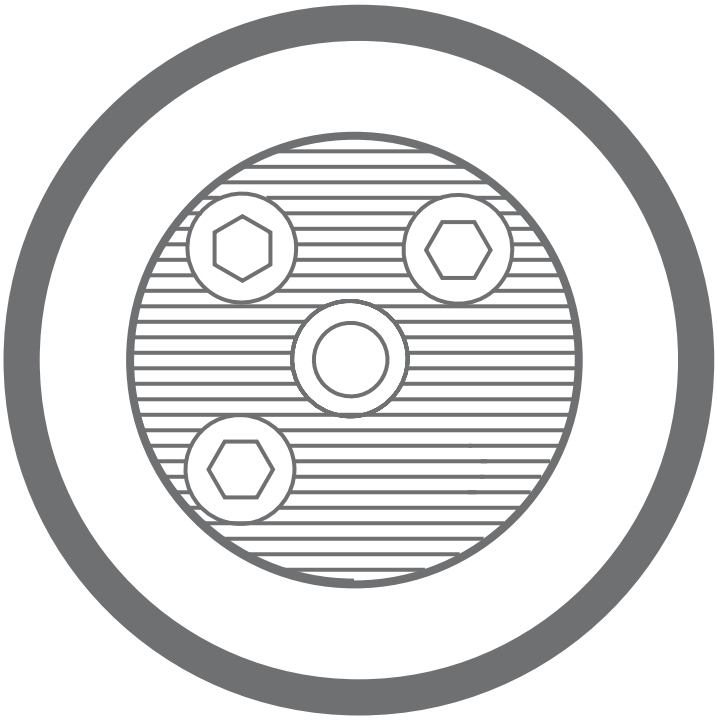
General minimum hole depends on insert; see respective insert ordering page.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

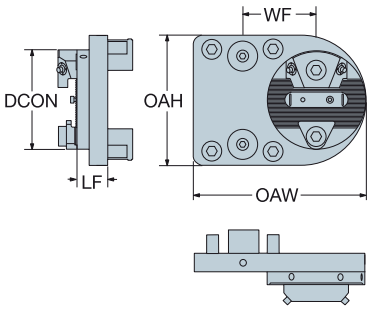
H37 H5 B155

Machine-side interface bolt pattern and CoroTurn® SL



Bolt pattern to CoroTurn® SL adapter





The adapter fits all boring bars from diameter 200 mm (7.874 inch).

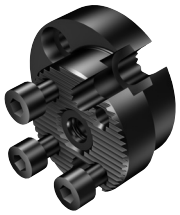
					Dimensions, mm, inch									
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	DCON	B	H	LF	WF	OAW	OAH	BAR PSI	NM	KG
122 x 105	80	1	1	**570-80 200R**	80	122	105	25	59.5	139	104	80	50	2.345
					3.150	*4.803*	*4.134*	*.984*	*2.343*	*5.472*	*4.094*	*1160*		

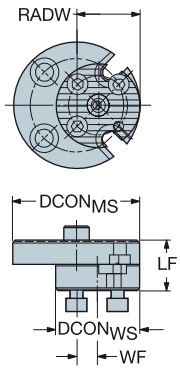
For spare parts, visit www.sandvik.coromant.com

R = Right hand

H37 H5 H2

CoroTurn® SL reduction adapter

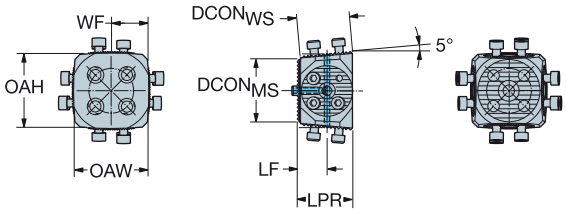




CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	BD1	LB1	LF	WF	OAW	RADW	KG
40	32	1	1	570-40 22-32	40.0	32	50	22	22	8.0	44	24	0.200
					1.575	1.260	1.969	.866	.866	.315	1.732	.945	
50	32	1	1	570-50 23-32	50.0	32	50	11	23	9.0	50	25	0.234
					1.969	1.260	1.969	.449	.906	.354	1.969	.984	
	40	1	1	570-50 23-40	50.0	40	50	11	23	10.0	55	30	0.276
					1.969	1.575	1.969	.449	.906	.394	2.165	1.181	
60	40	1	1	570-60 23-40	60.0	40	60	11	23	10.0	60	30	0.400
					2.362	1.575	2.362	.449	.906	.394	2.362	1.181	

Mini-turret for four CoroTurn® SL heads

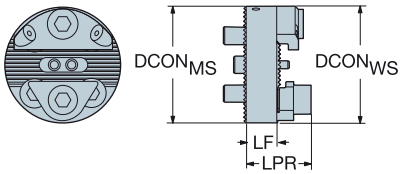




CZCMS	CZCWS	CNSC	Ordering code	Dimensions, mm, inch DCON	DCONMS	LPR	LF	WF	OAW	OAH	BAR PSI	KG
40	32	1	570-4-32-40-050-RA	32	40.0	34	18	23.0	49	49	20	0.477
				1.260	*1.575*	*1.358*	*.709*	*.906*	*1.941*	*1.941*	*290*	

CoroTurn® SL to CoroTurn® SL quick change adapter





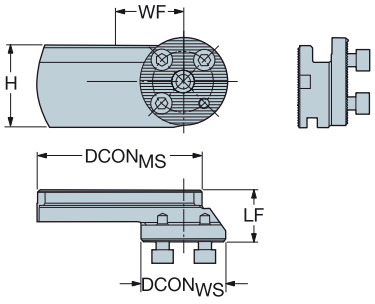
CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LPR	LF	BAR PSI	KG
32	32	1	2	SL-32 11-32-QC	32.0	32	19	11	70	0.110
					1.260	*1.260*	*.768*	*.433*	*1015*	
40	32	1	2	SL-40 12-32-QC	40.0	32	21	12	70	0.171
					1.575	*1.260*	*.859*	*.472*	*1015*	

For spare parts, visit www.sandvik.coromant.com

H37 H5 H2

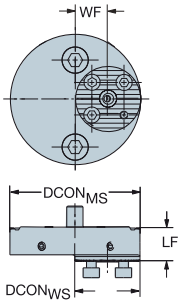
CoroTurn® SL quick change to CoroTurn® SL adapter





CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	KG
80	40	570-80 23-40R/L	80.0	40	37	23	70.0	20	0.392
			3.150	*1.575*	*1.476*	*.906*	*2.756*	*.787*	





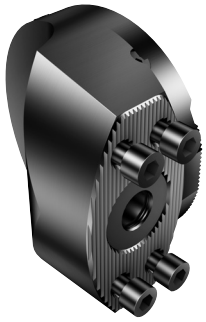
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	BAR PSI	KG
80	40	1	1	570-80 20 20-40R	80.0	40	37	20	20.0	80	0.820
					3.150	*1.575*	*1.476*	*.787*	*.787*	*1160*	
100	40	1	1	570-100 20 30-40R	100.0	40	37	20	30.0	80	1.184
					3.937	*1.575*	*1.476*	*.787*	*1.181*	*1160*	

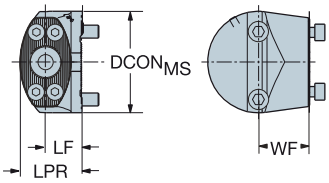
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

H37 H5 H2

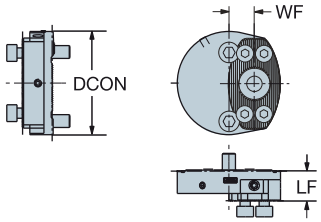
CoroTurn® SL quick change to CoroTurn® SL70 adapter





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	H	LPR	LF	WF	BAR PSI	KG
80	70	1	1	**SL70-80 40-RF**	80	37	48	28	40.0	70	1.380
					3.150	*1.476*	*1.890*	*1.102*	*1.575*	*1015*	





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON	H	LF	WF	BAR PSI	KG
80	70	1	1	**SL70-80 23-RG**	80	37	23	20.0	80	1.000
					3.150	*1.476*	*.906*	*.787*	*1160*	

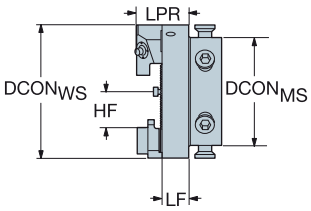
For spare parts, visit www.sandvik.coromant.com

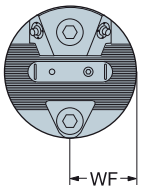
N = Neutral

H37 H5 H2

570-80 to CoroTurn® SL quick change adapter







Conversion from 580 coupling to CoroTurn® SL quick change

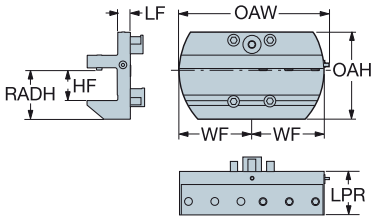
					Dimensions, mm, inch						
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LPR	LF	BAR PSI	NM	KG
80	80	1	2	570-80 17-580-80	65.0	80	32	17	80	50	1.100
					2.559	*3.150*	*1.280*	*.669*	*1160*		

For spare parts, visit www.sandvik.coromant.com

H37 H5 H2

CoroTurn® SL to rectangular shank adapter

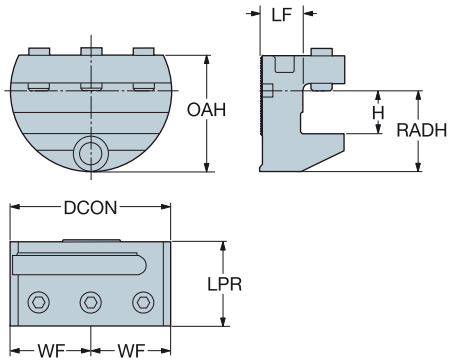




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch B	H	LPR	LF	WF	HF	OAW	OAH	RADH	BAR PSI	KG
122 x 105	32 x 32	1	2	570-200 3232-M	122	105	55	23	97.4	32	205	115	60	80	9.660
					4.803	*4.134*	*2.165*	*.906*	*3.835*	*1.260*	*8.071*	*4.528*	*2.362*	*1160*	

CoroTurn® SL quick change to rectangular shank adapter





CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, mm, inch DCON	H	LPR	LF	WF	HF	OAW	OAH	KG
80	20 x 20	570-80 20 2020R	80	37	40	20	38.5	20	77	56	0.783
			3.150	*1.476*	*1.575*	*.787*	*1.516*	*.787*	*3.032*	*2.205*	

For spare parts, visit www.sandvik.coromant.com

H37 H5 H2

Silent Tools®

Adapters with a dampening mechanism

Application

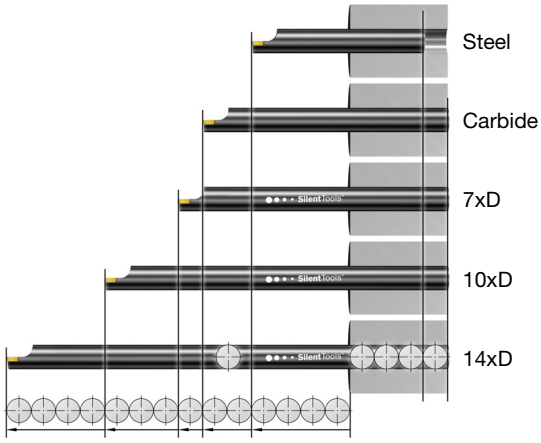
- Turning, Threading, and Grooving
- In operations with long overhangs (3–14 × D or vibration tendencies)



Minimizing vibration at long overhangs over 3×D

Silent Tools adapters minimize vibration through a dampener inside the tool maintaining good productivity and close tolerances even at long overhangs

Silent Tools damped boring bars and adapters also make it possible to maintain good productivity and close tolerances for long tool overhangs beyond 3 x bar diameter. Silent Tools damped steel bars make it possible to machine up to 10 x bar diameter, and damped carbide reinforced bars go even higher, up to 14 x bar diameter tool overhang.



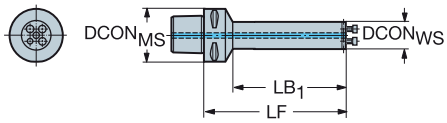
Can be combined with CoroTurn© SL cutting heads for customized solution for turning, threading, and grooving



The dampening system consists of a heavy mass supported on rubber spring elements

Coromant Capto® to CoroTurn® SL damped adapter





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR PSI	KG
C3	16	3	3	C3-570-3C 16 082	32.0	16	63	82	70	0.432
					1.260	*.630*	*2.496*	*3.228*	*1015*	
	20	3	3	C3-570-3C 20 101	32.0	20	82	101	70	0.390
					1.260	*.787*	*3.264*	*3.976*	*1015*	
	25	3	3	C3-570-3C 25 125	32.0	25	107	125	70	0.637
					1.260	*.984*	*4.236*	*4.921*	*1015*	
		3	3	C3-570-3C 25 180	32.0	25	161	180	70	0.802
					1.260	*.984*	*6.370*	*7.087*	*1015*	
		3	1	C3-SL-3C 25 125	32.0	25	106	125	70	0.637
					1.260	*.984*	*4.205*	*4.921*	*1015*	
		3	1	C3-SL-3C 25 180	32.0	25	161	180	70	0.802
					1.260	*.984*	*6.370*	*7.087*	*1015*	
	32	3	1	C3-570-3C 32 133	32.0	32	133	133	70	1.028
					1.260	*1.260*	*5.236*	*5.236*	*1015*	
		3	1	C3-570-3C 32 224	32.0	32	224	224	70	1.800
					1.260	*1.260*	*8.819*	*8.819*	*1015*	
C4	16	3	3	C4-570-3C 16 088	40.0	16	63	88	70	0.570
					1.575	*.630*	*2.492*	*3.465*	*1015*	
	20	3	3	C4-570-3C 20 107	40.0	20	82	107	70	0.538
					1.575	*.787*	*3.260*	*4.213*	*1015*	
	25	3	3	C4-570-3C 25 132	40.0	25	108	132	70	0.923
					1.575	*.984*	*4.272*	*5.197*	*1015*	
		3	3	C4-570-3C 25 180	40.0	25	155	180	70	0.964
					1.575	*.984*	*6.130*	*7.087*	*1015*	
		3	1	C4-SL-3C 25 132	40.0	25	107	132	70	0.810
					1.575	*.984*	*4.240*	*5.197*	*1015*	
		3	1	C4-SL-3C 25 180	40.0	25	155	180	70	0.961
					1.575	*.984*	*6.130*	*7.087*	*1015*	
	32	3	1	C4-570-3C 32 154	40.0	32	131	154	70	1.291
					1.575	*1.260*	*5.173*	*6.063*	*1015*	
		3	1	C4-570-3C 32 224	40.0	32	200	224	70	2.080
					1.575	*1.260*	*7.898*	*8.819*	*1015*	
	40	3	1	C4-570-3C 40 173	40.0	40	173	173	70	1.745
					1.575	*1.575*	*6.811*	*6.811*	*1015*	
		3	1	C4-570-3C 40 288	40.0	40	288	288	70	3.416
					1.575	*1.575*	*11.339*	*11.339*	*1015*	

CXSC = 1 to be used with cutting heads with precision coolant
CXSC = 3 to be used with cutting heads with internal coolant

For spare parts, visit www.sandvik.coromant.com


E8


G2



H37

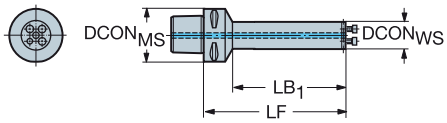


H5


H2

Coromant Capto® to CoroTurn® SL damped adapter





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR PSI	KG
C5	16	3	3	C5-570-3C 16 085	50.0	16	58	85	70	0.632
					1.969	*.630*	*2.303*	*3.346*	*1015*	
	20	3	3	C5-570-3C 20 109	50.0	20	83	109	70	0.744
					1.969	*.787*	*3.287*	*4.291*	*1015*	
	25	3	3	C5-570-3C 25 133	50.0	25	107	133	70	1.000
					1.969	*.984*	*4.240*	*5.236*	*1015*	
		3	3	C5-570-3C 25 180	50.0	25	154	180	70	1.230
					1.969	*.984*	*6.075*	*7.087*	*1015*	
		3	3	C5-570-3C 25 230	50.0	25	201	230	70	1.467
					1.969	*.984*	*7.913*	*9.055*	*1015*	
		3	1	C5-SL-3C 25 133	50.0	25	106	133	70	1.045
					1.969	*.984*	*4.197*	*5.236*	*1015*	
		3	1	C5-SL-3C 25 180	50.0	25	154	180	70	1.223
					1.969	*.984*	*6.075*	*7.087*	*1015*	
		3	1	C5-SL-3C 25 230	50.0	25	200	230	70	1.433
					1.969	*.984*	*7.894*	*9.055*	*1015*	
	32	3	1	C5-570-3C 32 154	50.0	32	129	154	70	1.520
					1.969	*1.260*	*5.102*	*6.063*	*1015*	
		3	1	C5-570-3C 32 224	50.0	32	199	224	70	1.880
					1.969	*1.260*	*7.846*	*8.819*	*1015*	
		3	1	C5-570-3C 32 288	50.0	32	261	288	70	2.560
					1.969	*1.260*	*10.276*	*11.339*	*1015*	
	40	3	1	C5-570-3C 40 194	50.0	40	170	194	70	2.244
					1.969	*1.575*	*6.720*	*7.638*	*1015*	
		3	1	C5-570-3C 40 288	50.0	40	263	288	70	3.620
					1.969	*1.575*	*10.370*	*11.339*	*1015*	
		3	1	C5-570-3C 40 368	50.0	40	344	368	70	4.344
					1.969	*1.575*	*13.563*	*14.488*	*1015*	
	50	3	1	C5-570-3C 50 215	50.0	50	215	215	70	5.470
					1.969	*1.969*	*8.465*	*8.465*	*1015*	
C6	16	3	3	C6-570-3C 16 088	63.0	16	58	88	70	1.016
					2.480	*.630*	*2.303*	*3.465*	*1015*	
	20	3	3	C6-570-3C 20 108	63.0	20	78	108	70	1.000
					2.480	*.787*	*3.091*	*4.252*	*1015*	
	25	3	3	C6-570-3C 25 132	63.0	25	103	132	70	1.356
					2.480	*.984*	*4.055*	*5.197*	*1015*	
		3	3	C6-570-3C 25 180	63.0	25	146	180	70	1.600
					2.480	*.984*	*5.780*	*7.087*	*1015*	
		3	3	C6-570-3C 25 230	63.0	25	197	230	70	1.847
					2.480	*.984*	*7.756*	*9.055*	*1015*	
		3	1	C6-SL-3C 25 132	63.0	25	101	132	70	1.395
					2.480	*.984*	*4.012*	*5.197*	*1015*	
		3	1	C6-SL-3C 25 180	63.0	25	146	180	70	1.597
					2.480	*.984*	*5.780*	*7.087*	*1015*	
		3	1	C6-SL-3C 25 230	63.0	25	196	230	70	1.808
					2.480	*.984*	*7.748*	*9.055*	*1015*	
	32	3	1	C6-570-3C 32 159	63.0	32	129	159	70	1.906
					2.480	*1.260*	*5.110*	*6.260*	*1015*	
		3	1	C6-570-3C 32 224	63.0	32	191	224	70	2.222
					2.480	*1.260*	*7.547*	*8.819*	*1015*	
		3	1	C6-570-3C 32 288	63.0	32	257	288	70	2.900
					2.480	*1.260*	*10.150*	*11.339*	*1015*	

CXSC = 1 to be used with cutting heads with precision coolant
CXSC = 3 to be used with cutting heads with internal coolant

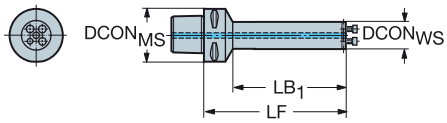
For spare parts, visit www.sandvik.coromant.com

E8 G2 H37 H5 H2

SANDVIK Coromant

Coromant Capto® to CoroTurn® SL damped adapter





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR PSI	KG
C6	40	3	1	C6-570-3C 40 198	63.0	40	169	198	70	2.620
					2.480	*1.575*	*6.669*	*7.795*	*1015*	
		3	1	C6-570-3C 40 288	63.0	40	257	288	70	3.950
					2.480	*1.575*	*10.122*	*11.339*	*1015*	
		3	1	C6-570-3C 40 368	63.0	40	338	368	70	4.900
					2.480	*1.575*	*13.343*	*14.488*	*1015*	
	50	3	1	C6-570-3C 50 239	63.0	50	212	239	70	6.280
					2.480	*1.969*	*8.358*	*9.409*	*1015*	
	60	3	1	C6-570-3C 60 287	63.0	60	263	287	70	7.037
					2.480	*2.362*	*10.358*	*11.299*	*1015*	
C8	25	3	3	C8-570-3C 25 147	80.0	25	107	147	70	2.415
					3.150	*.984*	*4.236*	*5.787*	*1015*	
		3	1	C8-SL-3C 25 147	80.0	25	106	147	70	2.557
					3.150	*.984*	*4.197*	*5.787*	*1015*	
	32	3	1	C8-570-3C 32 172	80.0	32	133	172	70	3.082
					3.150	*1.260*	*5.260*	*6.772*	*1015*	
		3	1	C8-570-3C 32 224	80.0	32	184	224	70	3.620
					3.150	*1.260*	*7.264*	*8.819*	*1015*	
	40	3	1	C8-570-3C 40 224	80.0	40	186	224	70	4.157
					3.150	*1.575*	*7.346*	*8.819*	*1015*	
		3	1	C8-570-3C 40 288	80.0	40	246	288	70	5.250
					3.150	*1.575*	*9.705*	*11.339*	*1015*	
		3	1	C8-570-3C 40 368	80.0	40	330	368	70	6.100
					3.150	*1.575*	*13.028*	*14.488*	*1015*	

CXSC = 1 to be used with cutting heads with precision coolant
CXSC = 3 to be used with cutting heads with internal coolant

For spare parts, visit www.sandvik.coromant.com


E8


G2



H37

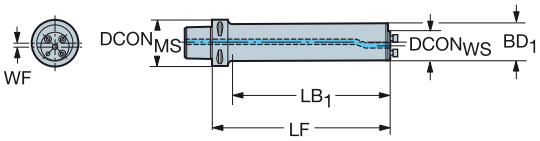


H5


H2

Coromant Capto® to CoroTurn® SL damped adapter





SilentTools®

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	BD1	LB1	LF	WF	BAR PSI	KG
C5	40	3	1	C5-570-3C 50 223-40R/L	50.0	40	50	223	223	5.0	70	5.630
					1.969	*1.575*	*1.969*	*8.780*	*8.780*	*.197*	*1015*	
		3	1	C5-570-3C 50 368-40R/L	50.0	40	50	368	368	5.0	70	6.006
					1.969	*1.575*	*1.969*	*14.488*	*14.488*	*.197*	*1015*	
		3	1	C5-570-3C 50 468-40R/L	50.0	40	50	468	468	0.0	70	10.796
					1.969	*1.575*	*1.969*	*18.425*	*18.425*	*.000*	*1015*	
C6	40	3	1	C6-570-3C 50 247-40R/L	63.0	40	50	222	247	5.0	70	6.330
					2.480	*1.575*	*1.969*	*8.740*	*9.724*	*.197*	*1015*	
		3	1	C6-570-3C 50 368-40R/L	63.0	40	50	341	368	5.0	70	8.490
					2.480	*1.575*	*1.969*	*13.433*	*14.488*	*.197*	*1015*	
		3	1	C6-570-3C 50 468-40R/L	63.0	40	50	440	468	5.0	70	7.400
					2.480	*1.575*	*1.969*	*17.323*	*18.425*	*.197*	*1015*	
		3	1	C6-570-3C 60 295-40R/L	63.0	40	60	273	295	10.0	70	7.110
					2.480	*1.575*	*2.362*	*10.748*	*11.614*	*.394*	*1015*	
		3	1	C6-570-3C 60 448-40R/L	63.0	40	60	424	448	10.0	70	14.370
					2.480	*1.575*	*2.362*	*16.724*	*17.638*	*.394*	*1015*	
		3	1	C6-570-3C 60 568-40R/L	63.0	40	60	545	568	10.0	70	13.240
					2.480	*1.575*	*2.362*	*21.457*	*22.362*	*.394*	*1015*	
C8	40	3	1	C8-570-3C 50 297-40R/L	80.0	40	50	261	297	5.0	70	7.950
					3.150	*1.575*	*1.969*	*10.276*	*11.693*	*.197*	*1015*	
		3	1	C8-570-3C 50 368-40R/L	80.0	40	50	330	368	5.0	70	7.500
					3.150	*1.575*	*1.969*	*13.028*	*14.488*	*.197*	*1015*	
		3	1	C8-570-3C 50 468-40R/L	80.0	40	50	434	468	5.0	70	8.830
					3.150	*1.575*	*1.969*	*17.087*	*18.425*	*.197*	*1015*	
		3	1	C8-570-3C 60 355-40R/L	80.0	40	60	320	355	10.0	70	9.080
					3.150	*1.575*	*2.362*	*12.610*	*13.976*	*.394*	*1015*	
		3	1	C8-570-3C 60 448-40R/L	80.0	40	60	409	448	10.0	70	15.200
					3.150	*1.575*	*2.362*	*16.110*	*17.638*	*.394*	*1015*	
		3	1	C8-570-3C 60 568-40R/L	80.0	40	60	531	568	10.0	70	13.820
					3.150	*1.575*	*2.362*	*20.917*	*22.362*	*.394*	*1015*	

For spare parts, visit www.sandvik.coromant.com

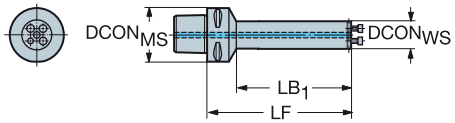
R = Right hand, L = Left hand

E8 G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL damped adapter

For threading and grooving operations

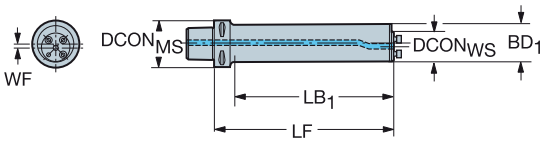




SilentTools®

CZC$_{MS}$	CZC$_{WS}$	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR PSI	KG
C4	40	120.0	3	1	C4-570-4C 40 120	40.0	40	120	120	70	1.414
		4.724				*1.575*	*1.575*	*4.724*	*4.724*	*1015*	
C5	40	120.0	3	1	C5-570-4C 40 120	50.0	40	98	120	70	1.600
		4.724				*1.969*	*1.575*	*3.858*	*4.724*	*1015*	
C6	40	94.0	3	1	C6-570-4C 40 120	63.0	40	94	120	70	1.955
		3.701				*2.480*	*1.575*	*3.701*	*4.724*	*1015*	





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	BAR PSI	KG
C5	40	150.0	3	1	C5-570-4C 50 150-40R/L	50.0	40	50	150	150	5.0	70	2.520
		5.906				*1.969*	*1.575*	*1.969*	*5.906*	*5.906*	*.197*	*1015*	
C6	40	150.0	3	1	C6-570-4C 50 150-40R/L	63.0	40	50	122	150	5.0	70	2.870
		5.906				*2.480*	*1.575*	*1.969*	*4.803*	*5.906*	*.197*	*1015*	
		180.0	3	1	C6-570-4C 60 180-40R/L	63.0	40	60	157	180	10.0	70	4.237
		7.087				*2.480*	*1.575*	*2.362*	*6.181*	*7.087*	*.394*	*1015*	
C8	40	147.0	3	1	C8-570-4C 60 180-40R/L	80.0	40	60	147	180	10.0	70	5.110
		5.787				*3.150*	*1.575*	*2.362*	*5.787*	*7.087*	*.394*	*1015*	

For spare parts, visit www.sandvik.coromant.com

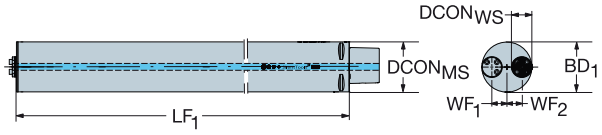
R = Right hand, L = Left hand

E8 G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL damped adapter

Boring bar for two CoroTurn® SL heads





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF$_1$	WF$_1$	WF$_2$	BAR PSI	KG
C8	40	3	1	C8-570-3C80365-40-2	80.0	40	80	365	365	20.0	20.0	70	16.940
					3.150	*1.575*	*3.150*	*14.370*	*14.370*	*.787*	*.787*	*1015*	
		3	1	C8-570-3C 80 608-40-2	80.0	40	80	608	608	20.0	20.0	70	28.000
					3.150	*1.575*	*3.150*	*23.937*	*23.937*	*.787*	*.787*	*1015*	
		3	1	C8-570-3C80768-40-2	80.0	40	80	768	768	20.0	20.0	70	28.200
					3.150	*1.575*	*3.150*	*30.236*	*30.236*	*.787*	*.787*	*1015*	
C10	40	3	1	C10-SL3C100968-40-2	100.0	40	100	968	968	30.0	30.0	70	29.000
					3.937	*1.575*	*3.937*	*38.110*	*38.110*	*1.181*	*1.181*	*1015*	
		3	1	C10-SL3C80768-40-2	100.0	40	80	729	768	20.0	20.0	70	29.500
					3.937	*1.575*	*3.150*	*28.701*	*30.236*	*.787*	*.787*	*1015*	

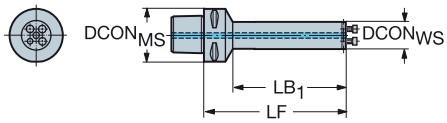
For spare parts, visit www.sandvik.coromant.com

E8 G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL damped adapter

Carbide-reinforced boring bar

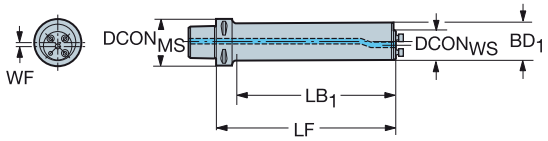




SilentTools®

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LB1	LF	BAR PSI	KG
C6	25	3	1	C6-SL-3C 25 280 CR-M	63.0	25	248	280	70	6.272
					2.480	*.984*	*9.772*	*11.024*	*1015*	
		3	3	C6-SL3C25280CR	63.0	25	245	280	70	6.279
					2.480	*.984*	*9.646*	*11.024*	*1015*	
	32	3	1	C6-SL3C32352CR	63.0	32	317	352	70	9.520
					2.480	*1.260*	*12.480*	*13.858*	*1015*	
	40	3	1	C6-SL3C40448CR	63.0	40	416	448	70	11.860
					2.480	*1.575*	*16.378*	*17.638*	*1015*	
C8	25	3	1	C8-SL-3C 25 280 CR-M	80.0	25	248	280	70	7.260
					3.150	*.984*	*9.772*	*11.024*	*1015*	
	32	3	1	C8-SL3C32352CR	80.0	32	317	352	70	10.420
					3.150	*1.260*	*12.480*	*13.858*	*1015*	
	40	3	1	C8-SL3C40448CR	80.0	40	416	448	70	13.000
					3.150	*1.575*	*16.378*	*17.638*	*1015*	





SilentTools®

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	BD1	LB1	LF	WF	BAR PSI	KG
C8	40	3	1	C8-SL3C50568CR-40R/L	80.0	40	50	528	568	5.0	70	20.000
					3.150	*1.575*	*1.969*	*20.787*	*22.362*	*.197*	*1015*	
		3	1	C8-SL3C60688CR-40R/L	80.0	40	60	648	688	10.0	70	27.000
					3.150	*1.575*	*2.362*	*25.512*	*27.087*	*.394*	*1015*	

CXSC = 1 to be used with cutting heads with precision coolant
CXSC = 3 to be used with cutting heads with internal coolant

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

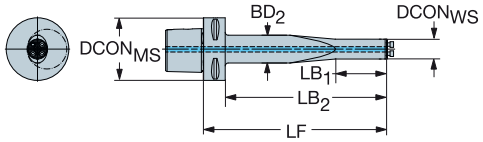
E8 G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL damped adapter

Elliptical boring bar

Internal coolant supply





SilentTools®

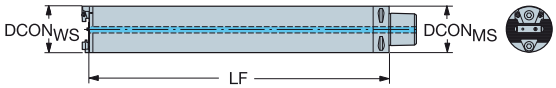
CZC$_{MS}$	CZC$_{WS}$	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_2$	LB$_1$	LB$_2$	LPR	LF	BAR PSI	KG
C6	16	133.0	3	1	C6-SL-D 23E 133-16	63.0	16	22	46	111	133	133	70	1.321
		5.236				*2.480*	*.630*	*.882*	*1.811*	*4.370*	*5.236*	*5.236*	*1015*	
	20	185.0	3	1	C6-SL-D 28E 185-20	63.0	20	28	52	163	185	185	70	1.569
		7.283				*2.480*	*.787*	*1.102*	*2.047*	*6.417*	*7.283*	*7.283*	*1015*	
	25	255.0	3	1	C6-SL-D 35E 230-25	63.0	25	35	82	233	255	230	70	2.387
		10.039				*2.480*	*.984*	*1.378*	*3.228*	*9.173*	*10.039*	*9.055*	*1015*	
	32	313.0	3	1	C6-SL-D 45E 313-32	63.0	32	45	102	291	313	313	70	3.650
		12.323				*2.480*	*1.260*	*1.772*	*4.016*	*11.456*	*12.323*	*12.323*	*1015*	
	40	393.0	3	1	C6-SL-D 56E 393-40	63.0	40	56	124	371	393	393	70	5.770
		15.472				*2.480*	*1.575*	*2.205*	*4.882*	*14.606*	*15.472*	*15.472*	*1015*	
C8	16	133.0	3	1	C8-SL-D 23E 133-16	80.0	16	22	46	100	133	133	70	2.202
		5.236				*3.150*	*.630*	*.882*	*1.811*	*3.937*	*5.236*	*5.236*	*1015*	
	20	185.0	3	1	C8-SL-D 28E 185-20	80.0	20	28	52	152	185	185	70	2.404
		7.283				*3.150*	*.787*	*1.102*	*2.047*	*5.984*	*7.283*	*7.283*	*1015*	
	25	230.0	3	1	C8-SL-D 35E 230-25	80.0	25	35	64	197	230	230	70	3.246
		9.055				*3.150*	*.984*	*1.378*	*2.520*	*7.755*	*9.055*	*9.055*	*1015*	
	32	313.0	3	1	C8-SL-D 45E 313-32	80.0	32	45	102	283	313	313	70	4.200
		12.323				*3.150*	*1.260*	*1.772*	*4.016*	*11.141*	*12.323*	*12.323*	*1015*	
	40	393.0	3	1	C8-SL-D 56E 393-40	80.0	40	56	124	363	393	393	70	6.624
		15.472				*3.150*	*1.575*	*2.205*	*4.882*	*14.291*	*15.472*	*15.472*	*1015*	

For spare parts, visit www.sandvik.coromant.com

E8 G2 H37 H5 H2

Coromant Capto® to CoroTurn® SL quick-change damped adapter





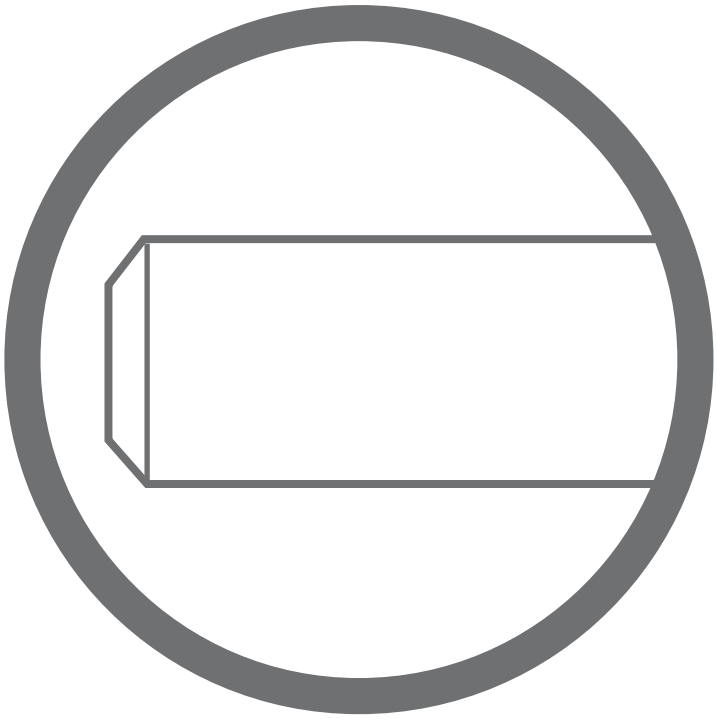
SilentTools®

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR PSI	KG
C6	80	3	1	C6-570-3C 80 355	63.0	80	355	355	70	12.420
					2.480	*3.150*	*13.976*	*13.976*	*1015*	
C8	80	3	1	C8-570-3C 80 475	80.0	80	475	475	70	18.800
					3.150	*3.150*	*18.701*	*18.701*	*1015*	
C10	80	3	1	C10-570-3C80755-80	100.0	80	714	755	70	29.000
					3.937	*3.150*	*28.110*	*29.724*	*1015*	
	100/80	3	1	C10-570-3C100955-80	100.0	100	955	955	70	65.000
					3.937	*3.937*	*37.598*	*37.598*	*1015*	

For spare parts, visit www.sandvik.coromant.com

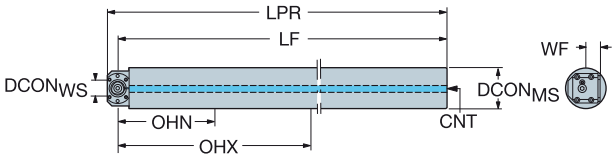
E8 G2 H37 H5 H2

Machine-side interface cylindrical shank



Cylindrical shank to Coromant Capto® damped adapter





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	CNT	BAR PSI	KG
80	C3	298.0	778.0	1	1	CU-3C801200-C3	80.0	32	1234	1215	37.0	G3/4	70	58.0
		11.732	30.630				3.150	1.260	48.583	47.835	1.457		1015	
100	C3	378.0	978.0	1	1	CU-3C1001500-C3	100.0	32	1534	1515	26.0	G3/4	70	103.0
		14.882	38.504				3.937	1.260	60.394	59.646	1.024		1015	
	C4	373.0	973.0	1	1	CU-3C1001500-C4	100.0	40	1544	1520	41.0	G3/4	70	90.0
		14.685	38.307				3.937	1.575	60.787	59.843	1.614		1015	

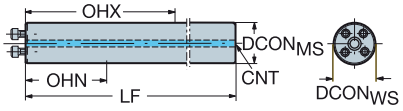
For spare parts, visit www.sandvik.coromant.com

H37 H5

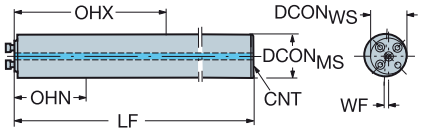
Cylindrical shank to CoroTurn® SL damped adapter



570-3C



570-3C..-40



SilentTools®

Metric version

							Dimensions, mm						
CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	WF	CNT	BAR	KG
16	16	55.0	92.0	1	3	570-3C 16 156	16.0	16.0	156.0	0.0	G1/8	70	0.2
20	20	70.0	120.0	1	3	570-3C 20 200	20.0	20.0	200.0	0.0	G1/4	70	0.5
25	25	88.0	158.0	1	3	570-3C 25 255	25.0	25.0	255.0	0.0	G1/4	70	0.9
		155.0	230.0	1	3	570-3C 25 330	25.0	25.0	330.0	0.0	G1/4	70	1.2
		88.0	158.0	1	1	SL-3C 25 255	25.0	25.0	255.0	0.0	G1/4	70	0.9
		155.0	230.0	1	1	SL-3C 25 330	25.0	25.0	330.0	0.0	G1/4	70	1.2
32	32	100.0	192.0	1	1	570-3C 32 320	32.0	32.0	320.0	0.0	G3/8	70	1.9
		192.0	288.0	1	1	570-3C 32 416	32.0	32.0	416.0	0.0	G3/8	70	2.7
40	40	128.0	248.0	1	1	570-3C 40 408	40.0	40.0	408.0	0.0	G1/2	70	3.6
		248.0	368.0	1	1	570-3C 40 528	40.0	40.0	528.0	0.0	G1/2	70	5.3
50	40	168.0	318.0	1	1	570-3C 50 518-40	50.0	40.0	518.0	5.0	G1/2	70	10.2
		318.0	468.0	1	1	570-3C 50 668-40	50.0	40.0	668.0	5.0	G1/2	70	9.7
60	40	208.0	388.0	1	1	570-3C 60 628-40	60.0	40.0	628.0	10.0	G3/4	70	13.2
		388.0	568.0	1	1	570-3C 60 808-40	60.0	40.0	808.0	10.0	G3/4	70	20.6

Inch version

							Dimensions, inch								
CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	BD_1	LB_1	LF	WF	CNT	PSI	LBS
5/8	16	2.165	3.583	1	3	A570-3C D10 06-16	.625	.630	.630	6.142	6.142	.000	G1/8	1015	0.6
3/4	20	3.071	4.449	1	3	A570-3C D12 08-20	.750	.787	.787	7.874	7.874	.000	G1/8	1015	1.0
1	25	3.346	6.220	1	3	A570-3C D16 10-25	1.000	.984	1.000	10.197	10.197	.000	G1/4	1015	2.2
		6.102	9.213	1	3	A570-3C D16 13-25	1.000	.984	1.000	13.213	13.213	.000	G1/4	1015	3.0
		3.346	6.220	1	1	SL-3C D16 10-25	1.000	.984	1.000	10.200	10.200	.000	G1/4	1015	2.2
		6.102	9.213	1	1	SL-3C D16 13-25	1.000	.984	1.000	13.213	13.213	.000	G1/4	1015	2.9
1 1/4	32	3.937	7.480	1	1	A570-3C D20 12-32	1.250	1.260	1.250	12.480	12.480	.000	G3/8	1015	4.2
		7.559	11.260	1	1	A570-3C D20 16-32	1.250	1.260	1.250	16.221	16.221	.000	G3/8	1015	6.3
1 1/2	32	5.039	9.252	1	1	A570-3C D24 15-32	1.500	1.260	1.500	15.264	15.264	.120	G1/2	1015	6.9
		9.764	13.740	1	1	A570-3C D24 20-32	1.500	1.260	1.500	19.803	19.803	.120	G1/2	1015	10.3
1 3/4	40	5.748	10.984	1	1	A570-3C D28 17-40	1.750	1.575	1.575	4.606	17.028	.088	G1/2	1015	9.7
		10.984	16.221	1	1	A570-3C D28 23-40	1.750	1.575	1.575	9.331	23.012	.088	G1/2	1015	14.8
2	40	6.811	12.756	1	1	A570-3C D32 21-40	2.000	1.575	2.000	20.784	20.784	.213	G1/2	1015	16.9
		12.520	18.740	1	1	A570-3C D32 27-40	2.000	1.575	2.000	26.732	26.732	.213	G1/2	1015	23.2
2 1/2	40	8.189	16.221	1	1	A570-3C D40 26-40	2.500	1.575	2.500	26.280	26.280	.465	G3/4	1015	35.0
		15.276	23.701	1	1	A570-3C D40 34-40	2.500	1.575	2.500	33.760	33.760	.465	G3/4	1015	52.4

EasyFix for 16-25 mm (.625-1.000 inch)

CXSC = 1 to be used with cutting heads with precision coolant
CXSC = 3 to be used with cutting heads with internal coolant

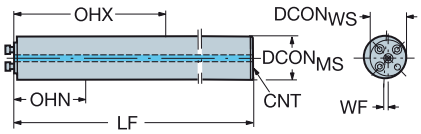
For spare parts, visit www.sandvik.coromant.com

H37 H5 H2

Cylindrical shank to CoroTurn® SL damped adapter

For threading and grooving operations





SilentTools®

Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	CNT	BAR	KG
40	40	80.0	168.0	1	1	570-4C 40 330	40.0	40.0	330.0	0.0	G1/2	70	3.1
50	40	90.0	218.0	1	1	570-4C 50 430-40	50.0	40.0	430.0	5.0	G1/2	70	6.3
60	40	90.0	510.0	1	1	570-4C 60 510-40	60.0	40.0	510.0	10.0	G3/4	70	14.1

Inch version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	CNT	PSI	LBS
1 1/2	32	3.150	6.220	1	1	A570-4C D24 13-32	1.500	1.260	13.150	.120	G1/2	1015	6.3
1 3/4	40	3.543	7.402	1	1	A570-4C D28 15-40	1.750	1.575	14.921	.088	G1/2	1015	9.5
2	40	3.543	8.819	1	1	A570-4C D32 17-40	2.000	1.575	17.165	.213	G1/2	1015	14.5
2 1/2	40	3.543	11.260	1	1	A570-4C D40 22-40	2.500	1.575	22.047	.463	G3/4	1015	29.7

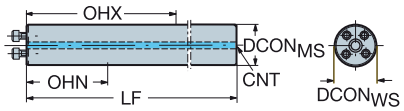
For spare parts, visit www.sandvik.coromant.com

H37 H5 H2

Cylindrical shank to CoroTurn® SL damped adapter

Carbide-reinforced boring bar





SilentTools®

Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	CNT	BAR	KG
16	16	96.0	140.0	1	3	570-3C 16 204 CR	16.0	16.0	204.0	0.0		70	0.5
20	20	120.0	180.0	1	3	570-3C 20 260 CR	20.0	20.0	260.0	0.0		70	0.9
25	25	230.0	280.0	1	3	570-3C 25 380 CR	25.0	25.0	380.0	0.0	G1/8	70	6.3
		280.0	330.0	1	3	570-3C 25 430 CR	25.0	25.0	430.0	0.0	G1/8	70	6.4
		225.0	280.0	1	1	SL-3C 25 380 CR	25.0	25.0	380.0	0.0	G1/8	70	6.0
		275.0	330.0	1	1	SL-3C 25 430 CR	25.0	25.0	430.0	0.0	G1/8	70	6.2
32	32	288.0	352.0	1	1	570-3C 32 480 CR	32.0	32.0	480.0	0.0	G1/4	70	10.2
		352.0	416.0	1	1	570-3C 32 544 CR	32.0	32.0	544.0	0.0	G1/4	70	10.7
40	40	368.0	448.0	1	1	570-3C 40 608 CR	40.0	40.0	608.0	0.0	G3/8	70	16.5
		448.0	528.0	1	1	570-3C 40 688 CR	40.0	40.0	688.0	0.0	G3/8	70	15.0
50	40	468.0	568.0	1	1	570-3C 50 760-40 CR	50.0	40.0	760.0	5.0	G1/2	70	27.0
		568.0	668.0	1	1	570-3C 50 861-40 CR	50.0	40.0	861.0	5.0	G1/2	70	25.5
60	40	688.0	808.0	1	1	570-3C 60 1040-40 CR	60.0	40.0	1040.0	10.0	G3/4	70	36.0
		588.0	688.0	1	1	570-3C 60 920-40 CR	60.0	40.0	920.0	10.0	G3/4	70	40.0

Inch version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LF	PSI	LBS
5/8	16	3.150	5.512	1	3	A570-3C D10 08-16 CR	.625	.630	.638	8.032	1015	1.0
3/4	20	4.016	7.087	1	3	A570-3C D12 10-20 CR	.750	.787	.787	10.236	1015	1.8

EasyFix for 16-25 mm (.625-1.000 inch)

CXSC = 1 to be used with cutting heads with precision coolant
CXSC = 3 to be used with cutting heads with internal coolant

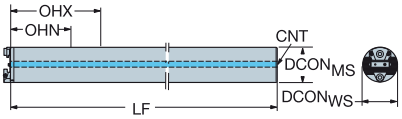
For spare parts, visit www.sandvik.coromant.com

H37 H5 H2

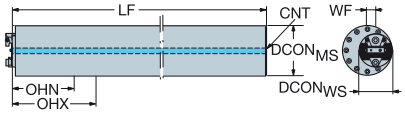
Cylindrical shank to CoroTurn® SL quick-change damped adapter



570-3C (QC)



570-3C1xx..R/L (QC)



SilentTools®

Metric version

							Dimensions, mm							
CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	WF	CNT	BAR	NM	KG
80	80	360.0	755.0	1	1	570-3C 80 1200	80.0	80.0	1200.0	0.0	G3/4	70	50	51.3
		360.0	515.0	1	1	570-3C 80 880	80.0	80.0	880.0	0.0	G3/4	70	50	40.0
100	100/80	415.0	655.0	1	1	570-3C 100 1100	100.0	100.0	1100.0	0.0	G3/4	70	50	79.0
		415.0	955.0	1	1	570-3C 100 1500	100.0	100.0	1500.0	0.0	G3/4	70	50	95.0
120	80	795.0	1155.0	1	1	570-3C 120 1900R	120.0	80.0	1900.0	20.0	G3/4	70	50	133.7
130	80	865.0	1255.0	1	1	570-3C 130 2000R	130.0	80.0	2000.0	25.0	G3/4	70	50	192.0
140	80	935.0	1355.0	1	1	570-3C 140 2200R	140.0	80.0	2200.0	30.0	G3/4	70	50	241.0
150	80	1005.0	1455.0	1	1	570-3C 150 2400R	150.0	80.0	2400.0	35.0	G3/4	70	50	214.0
160	80	1075.0	1555.0	1	1	570-3C 160 2600R	160.0	80.0	2600.0	40.0	G3/4	70	50	339.0
180	80	1215.0	1755.0	1	1	570-3C 180 2800R	180.0	80.0	2800.0	50.0	G3/4	70	50	474.0
200	80	1355.0	1955.0	1	1	570-3C 200 3200R	200.0	80.0	3200.0	59.5	G1	70	50	676.0
220	80	1495.0	2155.0	1	1	570-3C 220 3450R	220.0	80.0	3450.0	70.0	G1	70	50	546.0
250	80	1705.0	2455.0	1	1	570-3C 250 4000R	250.0	80.0	4000.0	85.0	G1	70	50	999.0

Inch version

							Dimensions, inch								
CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	BD_1	LF	WF	CNT	PSI	FT/LBS	LBS
3	80	12.717	19.228	1	1	A570-3C D48 33	3.000	3.150	3.150	33.000	.000	G3/4	1015	36	59.4
		24.803	28.228	1	1	A570-3C D48 45	3.000	3.150	3.150	45.000	.000	G3/4	1015	36	101.0
4	100/80	16.339	26.228	1	1	A570-3C D64 44	4.000	3.937	4.000	44.000	.000	G3/4	1015	36	171.6
		16.339	38.228	1	1	A570-3C D64 60	4.000	3.937	4.000	60.000	.000	G3/4	1015	36	228.8
5	80	31.299	45.472	1	1	A570-3C D80 75R	5.000	3.150	5.000	74.803	.787	G3/4	1015	36	418.0
6	80	39.567	57.284	1	1	A570-3C D96 95R	6.000	3.150	6.000	94.488	1.378	G3/4	1015	36	655.6
8	80	53.347	76.969	1	1	A570-3C D128 126R	8.000	3.150	8.000	125.98	.000	G1	1015	36	1533.4
10	80	67.126	96.654	1	1	A570-3C D160 157R	10.000	3.150	10.000	157.48	.000	G1	1015	36	2266.0

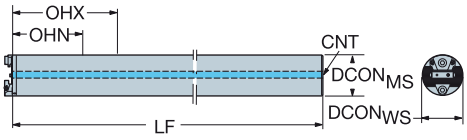
For spare parts, visit www.sandvik.coromant.com

H37 H5 H2

Cylindrical shank to CoroTurn® SL quick-change damped adapter

Carbide-reinforced boring bar





SilentTools®

Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	CNT	BAR	NM	KG
80	80	755.0	916.0	1	1	**570-3C 80 1240 CR**	80.0	80.0	1240.0	G3/4	70	50	84.0
		916.0	1076.0	1	1	**570-3C 80 1400 CR**	80.0	80.0	1400.0	G3/4	70	50	80.0
100	100/80	955.0	1155.0	1	1	**570-3C 100 1560 CR**	100.0	100.0	1560.0	G3/4	70	50	125.0
		1155.0	1355.0	1	1	**570-3C 100 1760 CR**	100.0	100.0	1760.0	G3/4	70	50	150.0

For spare parts, visit www.sandvik.coromant.com

H37 H5 H2

Accessories

G3-G7 **Sleeves and collets**

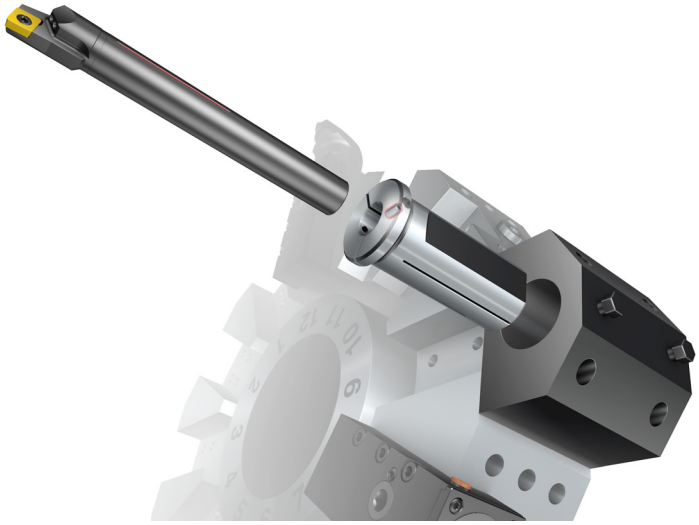
G8 **Stop for QS™ holding system**

G9-G10 **Coolant connectors**

G11-G16 **Coromant Capto®**

EasyFix™

Sleeves for cylindrical bars



Benefits and features

- Fast set-up time
- Simple to use
- Extended tool life
- Excellent surface finish
- Correct cutting edge center height and position

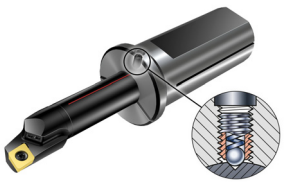
Precision coolant

The slot in the cylindrical sleeve is metallic sealed, which allows the existing coolant supply system to be used. The metallic sealing offers good performance also for high coolant pressure.

- Silicon sealing for coolant pressures up to 20 bar (290 psi)
- Metallic sealing for coolant pressure up to 150 bar (2200 psi)

Always correct center height

Spring plunger solution (spring loaded ball) in the sleeve and the bar groove gives correct center height of the insert every time you make a tool setup.



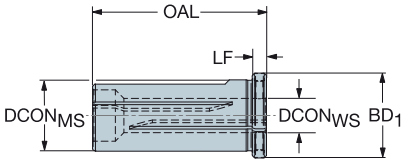
G4

Cylindrical sleeve with EasyFix positioning

ISO 9766

Metallic sealed for high pressure coolant through tool





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	BD$_1$	H	OAL	LF	BAR	KG
16	5	1	1	EF-16-05	16	5	21	14	48	5	150	0.130
	6	1	1	EF-16-06	16	6	21	14	48	5	150	0.110
	8	1	1	EF-16-08	16	8	21	14	48	5	150	0.100
	10	1	1	EF-16-10	16	10	21	14	48	5	150	0.080
	12	1	1	EF-16-12	16	12	21	14	48	5	150	0.065
20	5	1	1	EF-20-05	20	5	25	18	55	5	150	0.120
	6	1	1	EF-20-06	20	6	25	18	55	5	150	0.118
	8	1	1	EF-20-08	20	8	25	18	55	5	150	0.115
	10	1	1	EF-20-10	20	10	25	18	55	5	150	0.109
	12	1	1	EF-20-12	20	12	25	18	55	5	150	0.099
	16	1	1	EF-20-16	20	16	25	18	55	5	150	0.080
25	20	1	1	EF-25-20	25	20	30	23	61	5	150	0.080
	5	1	1	EF-25-05	25	5	30	23	61	5	150	0.208
	6	1	1	EF-25-06	25	6	30	23	61	5	150	0.199
	8	1	1	EF-25-08	25	8	30	23	61	5	150	0.200
	10	1	1	EF-25-10	25	10	30	23	61	5	150	0.190
	12	1	1	EF-25-12	25	12	30	23	61	5	150	0.178
	16	1	1	EF-25-16	25	16	30	23	61	5	150	0.150
32	25	1	1	EF-32-25	32	25	36	30	65	5	150	0.120
	5	1	1	EF-32-05	32	5	36	30	65	5	150	0.344
	6	1	1	EF-32-06	32	6	36	30	65	5	150	0.345
	8	1	1	EF-32-08	32	8	36	30	65	5	150	0.340
	10	1	1	EF-32-10	32	10	36	30	65	5	150	0.350
	12	1	1	EF-32-12	32	12	36	30	65	5	150	0.332
	16	1	1	EF-32-16	32	16	36	30	65	5	150	0.299
	20	1	1	EF-32-20	32	20	36	30	65	5	150	0.269
40	5	1	1	EF-40-05	40	5	44	38	75	5	150	0.606
	6	1	1	EF-40-06	40	6	44	38	75	5	150	0.604
	8	1	1	EF-40-08	40	8	44	38	75	5	150	0.620
	10	1	1	EF-40-10	40	10	44	38	75	5	150	0.632
	12	1	1	EF-40-12	40	12	44	38	75	5	150	0.629
	16	1	1	EF-40-16	40	16	44	38	75	5	150	0.587
	20	1	1	EF-40-20	40	20	44	38	75	5	150	0.562
	25	1	1	EF-40-25	40	25	44	38	75	5	150	0.461

Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	H	OAL	LF	PSI	LBS
1	1/4	1	1	EF-A16-A04	1.000	.250	1.181	.941	2.402	.197	2175	.453
	5/16	1	1	EF-A16-A05	1.000	.313	1.181	.941	2.402	.197	2175	.447
	3/8	1	1	EF-A16-A06	1.000	.375	1.181	.941	2.402	.197	2175	.440
	1/2	1	1	EF-A16-A08	1.000	.500	1.181	.941	2.402	.197	2175	.394
	5/8	1	1	EF-A16-A10	1.000	.625	1.181	.941	2.402	.197	2175	.345
1 1/4	1/4	1	1	EF-A20-A04	1.250	.250	1.417	1.191	2.559	.197	2175	.792
	5/16	1	1	EF-A20-A05	1.250	.313	1.417	1.191	2.559	.197	2175	.748
	3/8	1	1	EF-A20-A06	1.250	.375	1.417	1.191	2.559	.197	2175	.752
	1/2	1	1	EF-A20-A08	1.250	.500	1.417	1.191	2.559	.197	2175	.706
	5/8	1	1	EF-A20-A10	1.250	.625	1.417	1.191	2.559	.197	2175	.647
	3/4	1	1	EF-A20-A12	1.250	.750	1.417	1.191	2.559	.197	2175	.609
1 1/2	1/4	1	1	EF-A24-A04	1.500	.250	1.732	1.441	2.953	.197	2175	1.243
	5/16	1	1	EF-A24-A05	1.500	.313	1.732	1.441	2.953	.197	2175	1.232
	3/8	1	1	EF-A24-A06	1.500	.375	1.732	1.441	2.953	.197	2175	1.225
	1/2	1	1	EF-A24-A08	1.500	.500	1.732	1.441	2.953	.197	2175	1.177
	5/8	1	1	EF-A24-A10	1.500	.625	1.732	1.441	2.953	.197	2175	1.122
	3/4	1	1	EF-A24-A12	1.500	.750	1.732	1.441	2.953	.197	2175	1.133
	1	1	1	EF-A24-A16	1.500	1.000	1.732	1.441	2.953	.197	2175	.858

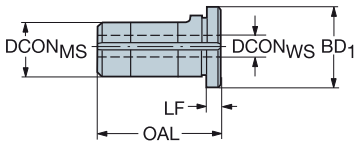
H37

ISO 13399

SANDVIK Coromant

Cylindrical sleeve with EasyFix positioning





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	BD$_1$	H	OAL	LF	BAR	KG
32	20	1	1	132L-3220085-B	32	20	38	30	85	5	20	0.326
40	20	1	1	132L-4020105-B	40	20	46	38	105	5	20	0.758
	25	1	1	132L-4025105-B	40	25	46	38	105	5	20	0.620
50	20	1	1	132L-5020125-B	50	20	56	47	125	5	20	1.576
	25	1	1	132L-5025125-B	50	25	56	47	125	5	20	1.396

Inch version

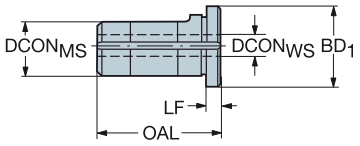
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	H	OAL	LF	PSI	LBS
3/4	5	1	1	132L-1205050-B	.750	.197	.984	.669	2.165	.197	290	.277
	6	1	1	132L-1206050-B	.750	.236	.984	.669	2.165	.197	290	.271
	8	1	1	132L-1208050-B	.750	.315	.984	.669	2.165	.197	290	.251
	10	1	1	132L-1210050-B	.750	.394	.984	.669	2.165	.197	290	.229
	12	1	1	132L-1212050-B	.750	.472	.984	.669	2.165	.197	290	.198
1	5	1	1	132L-1605050-B	1.000	.197	1.236	.921	2.165	.197	290	.478
	6	1	1	132L-1606050-B	1.000	.236	1.236	.921	2.165	.197	290	.471
	8	1	1	132L-1608050-B	1.000	.315	1.236	.921	2.165	.197	290	.449
	10	1	1	132L-1610050-B	1.000	.394	1.236	.921	2.165	.197	290	.425
	12	1	1	132L-1612050-B	1.000	.472	1.236	.921	2.165	.197	290	.398
	16	1	1	132L-1616050-B	1.000	.630	1.236	.921	2.165	.197	290	.321
1 1/4	3/4	1	1	132P-201233-B	1.250	.750	1.488	1.173	3.346	.197	290	.968
1 1/2	3/4	1	1	132P-241241-B	1.500	.750	1.736	1.421	4.134	.197	290	1.518
	1	1	1	132P-241641-B	1.500	1.000	1.736	1.413	4.134	.197	290	1.137
2	3/4	1	1	132P-321249-B	2.000	.750	2.236	1.913	4.921	.197	290	3.608
	1	1	1	132P-321649-B	2.000	1.000	2.236	1.913	4.921	.197	290	3.194

Groove for EasyFix sleeve is available on all cylindrical boring bars in diameter 5-25 mm (.197-1.000 inch).

Cylindrical split sleeve

Screw down (No EasyFix)





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	BD$_1$	OAL	LF	BAR	KG
40	32	1	1	132L-40-32	40	32	50	128	5	150	0.430
50	32	1	1	132L-50-32	50	32	60	128	5	150	1.100
	40	1	1	132L-50-40	50	40	60	160	5	150	0.840
60	32	1	1	132L-60-32	60	32	70	128	5	150	1.900
	40	1	1	132L-60-40	60	40	70	160	5	150	1.900
	50	1	1	132L-60-50	60	50	70	200	5	150	1.300

Inch version

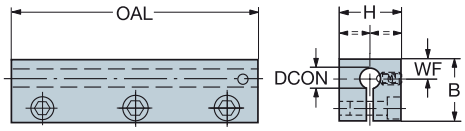
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	OAL	LF	PSI	LBS
1 1/2	1 1/4	1	1	132L-A24-A20	1.500	1.250	1.894	5.000	.197	2175	.726
2	1 1/4	1	1	132L-A32-A20	2.000	1.250	2.394	5.000	.197	2175	2.640
	1 1/2	1	1	132L-A32-A24	2.000	1.500	2.394	6.000	.197	2175	2.200
2 1/2	1 1/4	1	1	132L-A40-A20	2.500	1.250	2.894	5.000	.197	2175	5.060
	1 1/2	1	1	132L-A40-A24	2.500	1.500	2.894	6.000	.197	2175	5.060
	2	1	1	132L-A40-A32	2.500	2.000	2.894	8.000	.197	2175	3.740

Screw down (No EasyFix)

Square sleeve with EasyFix positioning

Square sleeves





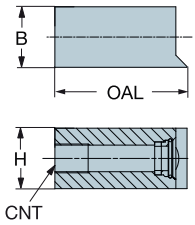
Metric version

CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, mm DCON	$DCON_{WS}$	B	H	OAL	WF	HF	KG
20 x 20	5	131-2005-B	5	5	20	20	80	5.5	10.0	0.232
	6	131-2006-B	6	6	20	20	80	6.0	10.0	0.228
	8	131-2008-B	8	8	20	20	80	7.0	10.0	0.218
	10	131-2010-B	10	10	20	20	80	7.5	10.0	0.201
25 x 25	12	131-2512-B	12	12	25	25	80	9.0	12.5	0.328
	16	131-2516-B	16	16	25	25	80	10.0	12.5	0.276
32 x 40	20	131-3220-B	20	20	40	32	100	12.0	16.0	0.752
	25	131-3225-B	25	25	40	32	100	14.5	16.0	0.630

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Stop for QS™ holding system

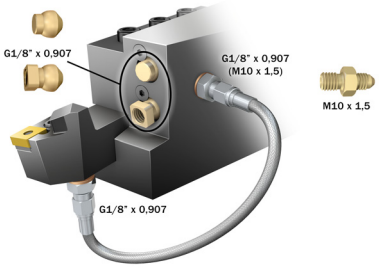


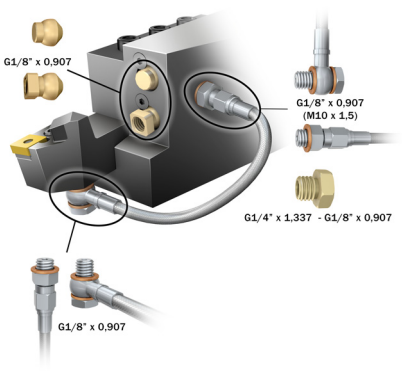


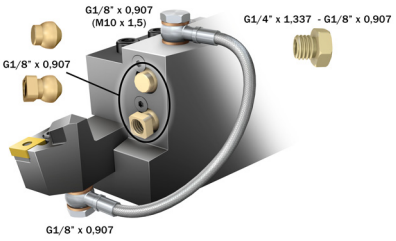
Ordering code	Dimensions, mm OAL	B	H	CNT
QS-2020HP	44.0	20.0	20.0	G1/8"
QS-2525HP	44.0	25.0	25.0	G1/8"

Coolant connection kit

Precision coolant supply





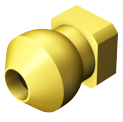


Tube length, mm	Straight to straight fitting			Banjo to straight fitting			Banjo to banjo fitting		
	Kit	Included parts	Pcs	Kit	Included parts	Pcs	Kit	Included parts	Pcs
150	**5693 066-011**			**5693 067-011**			**5693 068-011**		
		5693 066-01[1)]	1		5693 067-01[1)]	1		5693 068-01[1)]	1
		5692 063-01	1		5692 063-01	1		5692 063-01	1
		5692 063-02	1		5692 063-02	1		5692 063-02	1
		5692 063-03	2		5692 063-03	1		5692 063-05	1
		5692 063-04	1		5692 063-05	1		5692 063-06	2
		5692 063-08	2		5692 063-06	1		5692 063-07	1
					5692 063-07	1		5692 063-08	4
					5692 063-08	3			
200	**5693 066-021**			**5693 067-021**			**5693 068-021**		
		5693 066-02[1)]	1		5693 067-02[1)]	1		5693 068-02[1)]	1
		5692 063-01	1		5692 063-01	1		5692 063-01	1
		5692 063-02	1		5692 063-02	1		5692 063-02	1
		5692 063-03	2		5692 063-03	1		5692 063-05	1
		5692 063-04	1		5692 063-05	1		5692 063-06	2
		5692 063-08	2		5692 063-06	1		5692 063-07	1
					5692 063-07	1		5692 063-08	4
					5692 063-08	3			
250	**5693 066-031**			**5693 067-031**			**5693 068-031**		
		5693 066-03[1)]	1		5693 067-03[1)]	1		5693 068-03[1)]	1
		5692 063-01	1		5692 063-01	1		5692 063-01	1
		5692 063-02	1		5692 063-02	1		5692 063-02	1
		5692 063-03	2		5692 063-03	1		5692 063-05	1
		5692 063-04	1		5692 063-05	1		5692 063-06	2
		5692 063-08	2		5692 063-06	1		5692 063-07	1
					5692 063-07	1		5692 063-08	4
					5692 063-08	3			
300	**5693 066-041**			**5693 067-041**			**5693 068-041**		
		5693 066-04[1)]	1		5693 067-04[1)]	1		5693 068-04[1)]	1
		5692 063-01	1		5692 063-01	1		5692 063-01	1
		5692 063-02	1		5692 063-02	1		5692 063-02	1
		5692 063-03	2		5692 063-03	1		5692 063-05	1
		5692 063-04	1		5692 063-05	1		5692 063-06	2
		5692 063-08	2		5692 063-06	1		5692 063-07	1
					5692 063-07	1		5692 063-08	4
					5692 063-08	3			

[1)] Hose. Cannot be ordered separately.

Other included parts can be ordered separately. Minimum ordering quantity is two pieces.

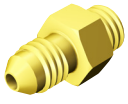
Included parts



VDI Coolant feed plug G1/8"x 0.907
5692 063-01



VDI Coolant blanking plug
5692 063-02



G1/8"x 0.907
5692 063-03



M10x1.5
5692 063-04



M10x1.5
5692 063-05



G1/8"x 0.907
5692 063-06



G1/4"x 1.337 - G1/8"x 0.907
5692 063-07

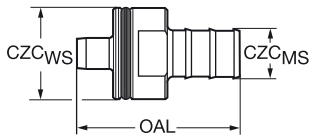


Washer (M10)
5692 063-08

INFORMATION:
This coolant connection kit replaces CoroTurn HP tubes (and extension tube adapter 5692 067-01) 5693 065-01, 5693 065-02, 5693 065-03. "CoroTurn HP connection kit" (5692 070-01) is still available to order for; ø 6 mm copper or steel pipe connection with accessories; (5692 061-01) and (5692 062-01).

Coolant connectors

Internal coolant supply



For bar diameter DCON	Ordering code	Dimensions, mm, inch CZC$_{MS}$	CZC$_{WS}$	OAL
mm	**Metric**			
6	**CS-060-054**	5.4	6.0	25.0
8	**CS-080-066**	6.6	8.0	28.5
10	**CS-100-086**	8.6	10.0	28.5
12	**CS-120-086**	8.6	12.0	38.0
16	**CS-160-137**	13.7	16.0	40.0
20	**CS-200-137**	13.7	20.0	40.0
25	**CS-250-137**	13.7	25.0	44.0
Inch	**Inch**			
.250	**CS-063-054**	.213	.250	.984
.312	**CS-079-066**	.260	.312	1.122
.375	**CS-095-086**	.339	.375	1.122
.500	**CS-127-086**	.339	.500	1.496
.625	**CS-159-137**	.539	.625	1.575
.750	**CS-190-137**	.539	.750	1.575
1.000	**CS-254-137**	.539	1.000	1.732

Coromant Capto®

Three systems in one

Application

- Coromant Capto® works in all machine types:
- Turning centers – Quick-change and high-pressure coolant delivery.
- Multi-task machines and machining centers – Rotating spindle interface, modular tooling, and quick change.
- Available in six sizes, there is a flexible Coromant Capto® solution for every need: C3-C10



Benefits and features

- Flexible with extensive modularity
- High basic stability and accuracy
- Minimized tool inventory
- Reduced set-up time
- High torque transmission
- High bending strength
- Quick-change and automated tool change
- Advanced nozzle technology for process security even at low pressures
- Through-tool delivery of high-pressure coolant, from machine to cutting edge
- Balanced and concentric
- Self-centering

Quick change

- Turning centers
- Vertical lathes

Coromant Capto clamping units and driven tool holders reduce setup and tool change time for high machine utilization.

Integrated spindle

- Multi-task machines
- Vertical lathes
- Machining centers with turning option

Coromant Capto integrated in the spindle adds stability and versatility.

Modular system

- Machining centers
- Multi-task machines
- Vertical lathes

Coromant Capto machine interface adapters in combination with extension and reduction adapters enable assembling of tools with different lengths and design regardless of the machine interface.

Coromant Capto® range

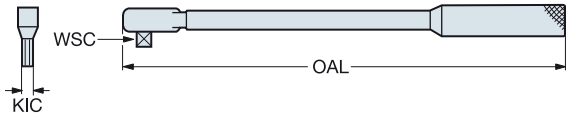
Coromant Capto program includes machine interface adapters, clamping units, tool holders, integrated cutting tools, adapters, and chucks.



Torque wrenches

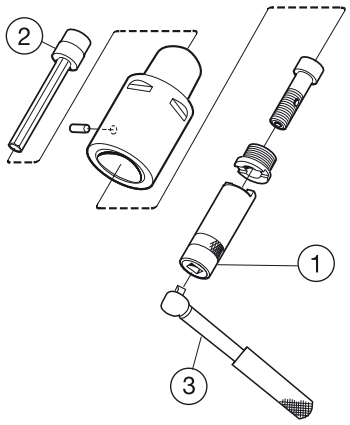
Coromant Capto®

Torque wrench for manual clamping units, quick change



CZC	Torque wrench Ordering code	Dimensions, mm, inch Torque range, Nm, ft-lbs	WSC	OAL	Key adapter Ordering code	KIC
C3	**C-TK-01M**	20-100	1/2"	400	**5680 035-14**	8
		15-74		*15.748*		*.315*
C4	**C-TK-01M**	20-100	1/2"	400	**5680 035-06**	10
		15-74		*15.748*		*.394*
C5	**C-TK-01M**	20-100	1/2"	400	**5680 035-07**	12
		15-74		*15.748*		*.472*
C6	**C-TK-01M**	20-100	1/2"	400	**5680 035-07**	12
		15-74		*15.748*		*.472*
C8	**C-TK-02**	40-200	1/2"	520	**5680 035-07**	12
		30-148		*20.472*		*.472*
C10	**C-TK-03**	60-300	1/2"	620	**5680 035-10**	17
		44-220		*24.409*		*.669*

Torque wrench for modular assemblies, center bolt clamping



CZC	3. Torque wrench Ordering code	Dimensions, mm, inch Torque range, Nm, ft-lbs	WSC	OAL	2. Extension key Ordering code	KIC	1. Retaining nut spanner Ordering code
C3	**C-TK-02**	40-200	1/2"	345	**5680 015-05**	8	**5680 065-13**
		30-148		13.583		.315	
C4	**C-TK-02**	40-200	1/2"	345	**5680 015-05**	8	**5680 065-10**
		30-148		13.583		.315	
C5	**C-TK-02**	40-200	1/2"	345	**5680 015-01**	10	**5680 065-11**
		30-148		13.583		.394	
C6	**C-TK-02**	40-200	1/2"	345	**5680 015-02**	14	**5680 065-12**
		30-148		13.583		.551	
C8	**C-TK-02**	40-200	1/2"	440	**5680 015-02**	14	**5680 065-12**
		30-148		17.323		.551	
C10	**C-TK-04**	80-400	3/4"	683	**5680 015-06**	17	**5680 065-14**
		60-295		26.890		.669	

To be calibrated according to ISO 6789, accuracy within 4%.

Torque wrenches

Tightening torque recommendations

Coromant Capto tightening torque:

Manual clamping units types 2000 and 3000

CZC	Torque Nm	ft-lbs
C3	35	26
C4	50	37
C5	70	52

Coromant Capto tightening torque:

Manual clamping units and driven tool holders with camshaft mechanism

CZC	Torque Nm	ft-lbs
C3	35	26
C4	50	37
C5	70	52
C6	90	66
C8	130	96
C10	285	210

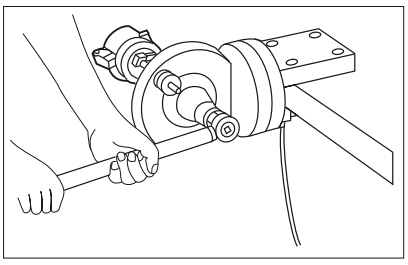
Coromant Capto® required pressure:

Hydraulic clamping units type 5000

CZC	**Clamping** Pressure, bar (PSI)	**Ejecting** Pressure, bar (PSI)
C4	100 (1450)	100 (1450)
C5	80 (1160)	80 (1160)
C6	80 (1160)	80 (1160)
C8	80 (1160)	80 (1160)
C10	80 (1160)	80 (1160)

Required oil flow in all cases: 6 l/min (1.6 gal/min)

Coromant Capto® basic holders



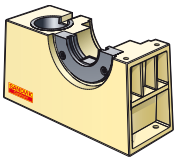
Center bolt clamping

CZC	Torque Nm	ft-lbs
C3	45	33
C4	55	40
C5	95	70
C6	170	125
C8	170	125
C10	380	277

Assembly fixture

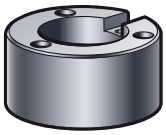
Fixture body
Ordering code:

391.500



Fixture body for sleeves
Ordering code:

391.501



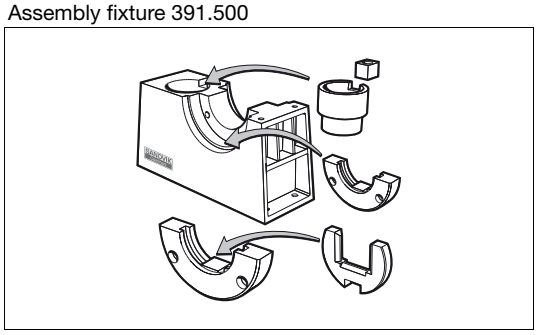
Ordering code	
	
Sleeve	**For holder type, size**
391.540-C3	Coromant Capto Size C3
391.540-C4	Coromant Capto Size C4
391.540-C5	Coromant Capto Size C5
391.540-C6	Coromant Capto Size C6
391.540-C8	Coromant Capto Size C8
391.540-C10	Coromant Capto Size C10
391.540-HA04	HSK 40 Form A/C
391.540-HA05	HSK 50 Form A/C
391.540-HA06	HSK 63 Form A/C
391.540-HA08	HSK 80 Form A/C
391.540-HA10	HSK 100 Form A/C
391.540-30	MAS-BT/CAT/ISO 30
391.540-40	MAS-BT/CAT/ISO 40
391.540-50	MAS-BT/CAT/ISO 50

Ordering code		
		
Flange	**Collar**	**For holder type, size**
391.510-140 50	**391.530-C3**	Coromant Capto Size C3
391.510-140 50	**391.530-C4**	Coromant Capto Size C4
391.510-140 50	**391.530-C5**	Coromant Capto Size C5
391.510-140 50	**391.530-C6**	Coromant Capto Size C6
391.510-140 50	**391.530-C8**	Coromant Capto Size C8
	391.530-C10*	Coromant Capto Size C10
391.510-HA04		HSK 40 Form A
391.510-HA05		HSK 50 Form A
391.510-HA06		HSK 63 Form A
391.510-HA08		HSK 80 Form A
391.510-HA10		HSK 100 Form A
391.510-HA12		HSK 125 Form A
391.510-55 30		MAS-BT 30
391.510-55 40		MAS-BT 40
391.510-55 50		MAS-BT 50
391.510-562-40		BIG-PLUS, MAS-BT 40
391.510-562-50		BIG-PLUS, MAS-BT 50
391.510-140 40		DIN 69871/40, ANSIB 5.50-40. ISO7388/1-40, CAT 40
391.510-140 50		DIN 69871/50, ANSIB 5.50-40. ISO7388/1-50, CAT 50
391.510-540 40		BIG-PLUS DIN69871/1-40, BIG-PLUS 7388/1-40, CAT 40
391.510-540 50		BIG-PLUS DIN69871/1-50, BIG-PLUS 7388/1-50, CAT 50
391.510-00 40		DIN 2080-40/NMTB 40
391.510-00 50		DIN 2080-50/NMTB 50
A391.510-45 40		ANSIB 5.50-2009, CAT-V 40-2009
A391.510-45 50		ANSIB 5.50-2009, CAT-V 50-2009
A391.510-545 40		BIG-PLUS ANSIB 5.50-2009, CAT-V 40-2009
A391.510-545 50		BIG-PLUS ANSIB 5.50-2009, CAT-V 50-2009

Note: Key is delivered with the sleeve.

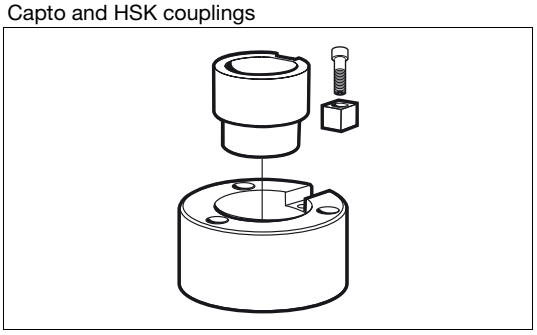
* Combined collar and flange

Assembly fixture 391.500



Choose flange, collar and sleeve to suit tool to be assembled.

Fixture 391.501 for maintenance of tools with Coromant Capto and HSK couplings



Choose sleeve to suit coupling.
The fixture should be fastened to the bench with three socket head screws (not delivered with fixture).

Tool cart for Coromant Capto

Quick change tooling



1. Cradle carrier
2. Tool cradles
3. Molded tool holders (to be ordered separately)

Ordering code	Kit consists of:		
CCW-KIT	TC-0	4 pieces	Tool cradles
	TCC-2	4 pair	Frame carriers for tool cradle

To order a complete cart 1 pcs CCW-KIT + toolholders

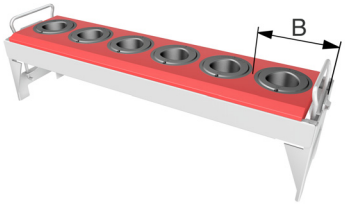
Bench stand



Ordering code
BS-KIT

To order a complete bench stand 1 pcs BS-KIT + molded tool holders

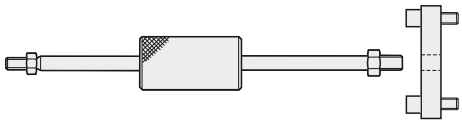
Molded tool holders - to be ordered separately



Ordering code	Width (B)	Max. number of coupling sizes
C3-IC-1	58	C3 = 9
C4-IC-1	58	C4 = 9
C5-IC-1	65.5	C5 = 8
C6-IC-1	81.5	C6 = 6
C8-IC-1	105	C8 = 5
C10-IC-1	120	C10 = 4

Assembly item

Extracting tool for disassembling the polygon socket on manual and automatic clamping units



Extracting tool Withdrawal tool

Note: Withdrawal tool to be ordered separately.

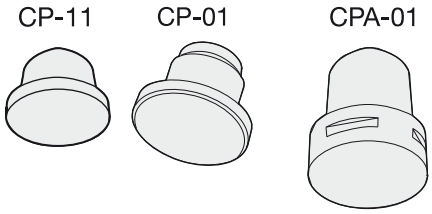
CZC	Ordering code
C3	CC-ET-01
C4	CC-ET-01
C5	CC-ET-02
C6	CC-ET-02
C8	CC-ET-02

Withdrawal tool to remove polygon sleeve from clamping units, can be used together with CC-ET-01/02



CZC	Ordering code	Spare parts	
		Center screw	Peripheral screw
C3	C3-WDT-01M	3214 030-463	5512 040-03
C4	C4-WDT-02	3214 030-464	5512 040-04
C5	C5-WDT-02	3214 030-516	5512 040-05
C6	C6-WDT-02	3214 030-516	5512 040-06
C8	C8-WDT-02	3214 030-516	3212 010-511

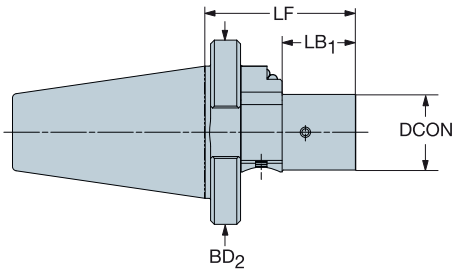
Cover plug



CZC	Ordering code		
	Manual unit	Automatic unit	Type 3000
C3	C3-CP-01	-	C3-CP-11
C4	C4-CP-01	C4-CPA-01	C4-CP-11
C5	C5-CP-01	C5-CPA-01	C5-CP-11
C6	C6-CP-01	C6-CPA-01	-
C8	C8-CP-01	C8-CPA-01	-
C10	-	C10-CPA-01	-

Pre-measuring unit





CZC_{MS}	CZC_{MS}	Ordering code	Dimensions, mm, inch					
			DCON	LF	LB_1	BD_1	BD_2	KG
50.0	C3	C3-PMU-I50	32	75.0	36.0	32.0	97.5	3.02
			1.260	2.953	1.417	1.260	3.839	
	C4	C4-PMU-I50	40	80.0	39.0	40.0	97.5	3.21
			1.575	3.150	1.535	1.575	3.839	
	C5	C5-PMU-I50	50	90.0	45.0	50.0	97.5	3.60
			1.969	3.543	1.772	1.969	3.839	
	C6	C6-PMU-I50	63	107.0	56.0	63.0	97.5	4.42
			2.480	4.213	2.205	2.480	3.839	
	C8	C8-PMU-I50	80	127.0	60.0	80.0	97.5	5.80
			3.150	5.000	2.362	3.150	3.839	

General information

CoroTurn® SL

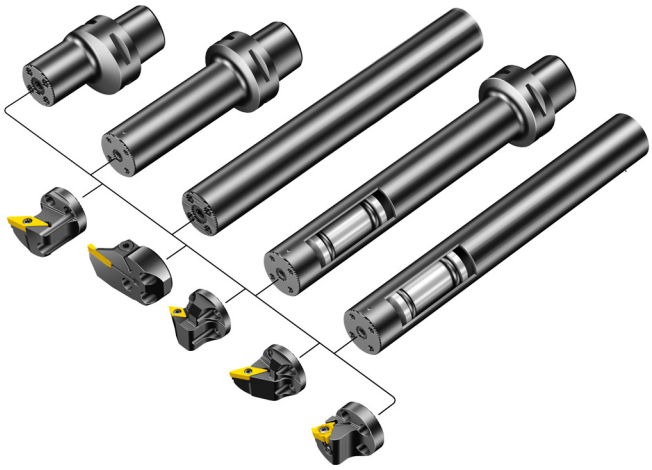
Modular system of adapters with exchangeable cutting heads

B

Application

- For internal and external turning, grooving, and threading
- Perfect in combination with Silent Tools™ dampening boring bars in operations with long overhangs or vibration tendencies
- For all material groups

C



Benefits and features

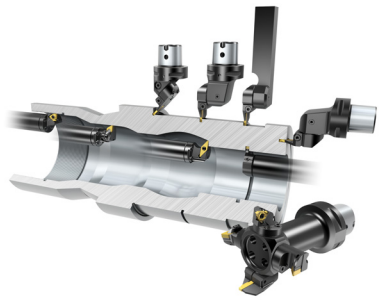
- The Serration Lock (SL) interface is extremely robust, enabling the creation of a wide range of tool combinations from a small inventory of adapters and cutting heads
- Adapters available for both internal and external machining
- The high-precision nozzles on the cutting heads put the coolant exactly where you need it, for good chip breaking and long tool life
- Tool wear is mainly on the exchangeable cutting head, extending the life of the adapter
  Quick change with Coromant Capto®
- Adapters with internal coolant for efficient coolant supply

D

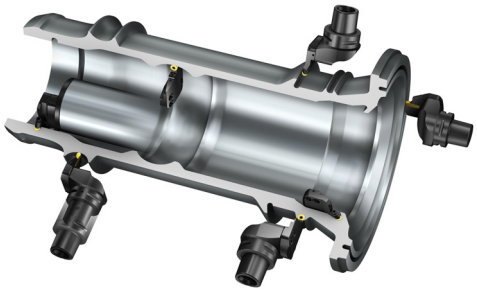
E

CoroTurn® SL is divided into four different systems:

1. Cutting heads, shank tools, and adapters



2. CoroTurn® SL70 for profiling and pocketing



F

3. Quick change for large bores



4. Quick change for small bores



G

H



F2

SANDVIK Coromant

Advanced cutting materials

In negative and positive basic shape inserts

Cubic boron nitride (CBN)

Unique CBN-grade chain for hard part turning (HPT) with materials designed for high performance in target application area.

T-Max® P
CoroTurn® 107
CoroTurn® TR



Ceramics

The ceramic grade chain includes solutions for machining cast iron, heat resistant super alloys, and hardened materials.

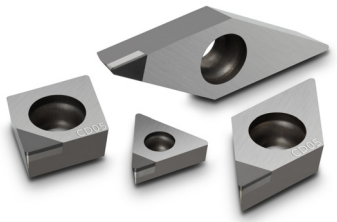
T-Max®



Polycrystalline Diamond (PCD)

Effective for machining non-ferrous materials.

CoroTurn® 107
T-Max®



Wiper

Inserts for increased productivity

For increased feed rates without affecting surface finish

Wiper

The corner-radius design of wiper inserts allows for machining at high feed rates without affecting surface finish or chip-breaking ability.

- Two times the feed – same surface finish
- Same feed – twice as good surface finish



iLock™

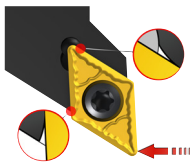
Preventing insert movement for improved machining performance

Application

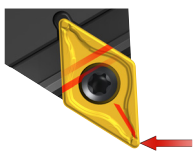
- High dimensional accuracy
- Long tool life
- Good chip control

Tools with iLock™ design have rails or serrations on the tool holder and corresponding slots on the insert for a tight locking. This prevents the cutting forces from affecting the tool position.

iLock™
ingenious locking interface



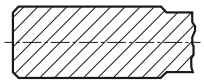
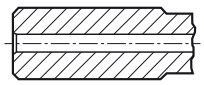
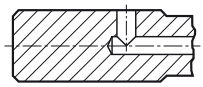
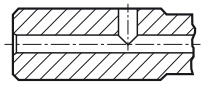
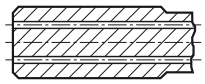
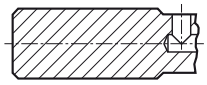
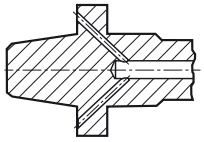
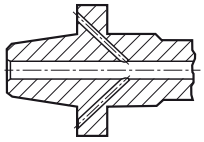
Forces cause micro-movements of the insert in its seat.



With the T-railed interface on CoroTurn TR, the insert stays fixed in its position.

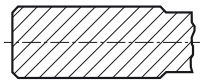
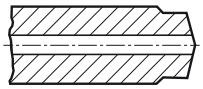
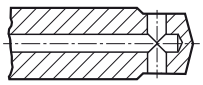
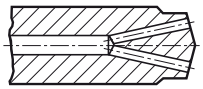
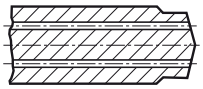
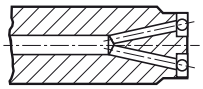
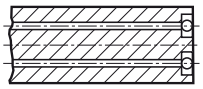
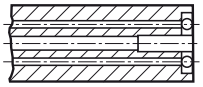
CNSC

Coolant entry style code

Code	Description	Image
0	Without coolant	
1	Axial concentric entry	
2	Radial entry	
3	Axial concentric and radial entry	
4	Axial concentric entry on circle	
5	Radial entry before adapter	
6	Decentral over flange	
7	Decentral over flange and axial	
8	Decentral over slots on the shank	

CXSC

Coolant exit style code

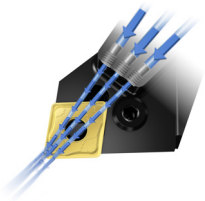
Code	Description	Image
0	No coolant exit	
1	Axial concentric exit	
2	Radial exit	
3	Axial inclined exit	
4	Axial concentric on circle	
5	Axial inclined exit with nozzle, adjustable	
6	Decentral exit with nozzle, adjustable	
7	Decentral over slots on the shank	
8	Axial or decentral with nozzle, adjustable	

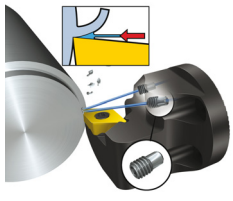
Precision coolant supply

Holders with nozzles designed for precision coolant

For chip control, process security, and extended tool life

Designed for coolant pressures up to 275 bar (4000 psi)





Sandvik Coromant's fixed, pre-directed high precision nozzles create parallel laminar jets of coolant with high velocity directed at the right place on the insert edge. It is the precision and character of these jets that make the difference in terms of chip control and process security. The positive effects start at low coolant pressure, but the higher the pressure is, the more demanding the material that can successfully be machined.

General turning inserts

Inserts, metric

C	N	M	G	12	04	08	–			–	PF
1	2	3	4	5	6	7		8	9		12

Inserts, inch

C	N	M	G	4	3	2	–			–	PF
1	2	3	4	5	6	7		8	9		12

Inserts, advanced cutting materials, metric

C	N	G	A	12	04	08	–	T	010	20
1	2	3	4	5	6	7		8	10	11

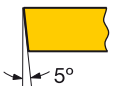
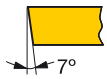
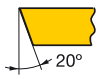
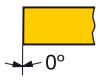
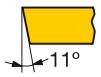
Inserts, advanced cutting materials, inch

C	N	G	A	4	3	2	–	T	03	20
1	2	3	4	5	6	7		8	10	11

1 Insert shape

C		D	
K		R	
S		T	
V		W	

2 Insert clearance angle

B		C	
E		N	
P		O	Special description

3 Tolerances, metric

Class	S	IC / W1
G	±0.13	±0.025
M	±0.13	±0.05 – ±0.15[1)]
U	±0.13	±0.08 – ±0.25[1)]
E	±0.025	±0.025

[1)]Varies depending on the size of IC. See below.





Inscribed circle IC mm	Tolerance class M	U
3.97 5.0 5.56 6.0 6.35 8.0 9.525 10.0	±0.05	±0.08
12.0 12.7	±0.08	±0.13
15.875 16.0 19.05 20.0	±0.10	±0.18
25.0 25.4	±0.13	±0.25
31.75 32.0	±0.15	±0.25



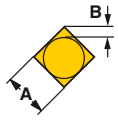




3 Tolerances, inch







A: Theoretical diameter of the insert
T: Thickness of the insert.
B: See figures.

Tolerances in inch

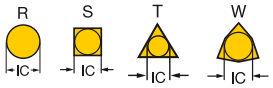
Clas	B:	A:	T:
A	±.0002	±.001	±.001
B	.0002	.001	.005
C	.0005	.001	.001
D	.0005	.001	.005
E	.001	.001	.001
F	.0002	.0005	.001
G	.001	.001	.005
H	.0005	.0005	.001
J	.0002	.002-.005	.001
K	.0005	.002-.005	.001
L	.001	.002-.005	.001
M	.002-.005	.002-.005	.005
U	.005-.012	.005-.010	.005
N	.002-.010	.002-.004	.001

General turning inserts

4 Insert type

A		V	
G		R	
M		T	
N		W	
P		X	 Special design
Q			

5 Insert size



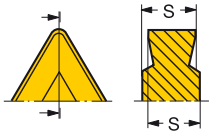
Inscribed circle is indicated in 1/8".

*) For rectangular and rhombic inserts cutting edge length is indicated in mm.

1) Metric base design
2) Inch base design

Cutting edge length, metric									
IC mm	IC inch	C	D	R	S	T	V	W	K
3.18	1/8"					05			
3.97	5/32"					06		02	
5.0				05					
5.56	7/32"			09					
6.0			06						
6.35	1/4"	06	07			11	11	04	
8.0				08					
9.525	3/8"	09	11	09	09	16	16	06	16*)
10.0	10.0			10					
12.0				12					
12.7	1/2"	12	15	12	12	22	22	08	
13			13				13		
15.875	5/8"	16		15	15	27			
16.0				16					
19.0	3/4"	19		19	19	33			
20.0				20					
25.0				25[1]					
25.4	1"	25		25[2]	25				
31.75	1/4"			31					
32				32					

6 Insert thickness, S, mm, inch



Metric:			Inch:		
01	S =	1.59	1	S	.0625
T1	S =	1.98	(1.2)	S	.075
02	S =	2.38	(1.5)	S	3/32
03	S=	3.18	2	S	1/8
T3	S =	3.97	(2.5)	S	5/32
04	S =	4.76	3	S	3/16
05	S =	5.56	4	S	1/4
06	S =	6.35	5	S	5/16
07	S =	7.94	6	S	3/8
09	S =	9.52	6.3	S	.394
10	S =	10.00	7.6	S	.475
12	S =	12.00			

7 Nose radius, RE, mm, inch



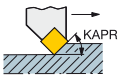
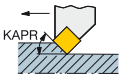
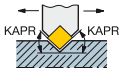
Metric:			Inch:		
00*	=	0	00	=	0
01	=	0.1	.30	=	.004
02	=	0.2	.50	=	.008
04	=	0.4	1	=	.0156
05	=	0.5			
08	=	0.8	2	=	.031
10	=	1.0			
12	=	1.2	3	=	.047
15	=	1.5			
16	=	1.6	4	=	.063
24	=	2.4	6	=	.094
32	=	3.2	8	=	.125

Note: See example for approximation of metric nose radius. 16=1.6mm=.063≈.0625

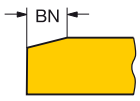
8 Cutting edge condition

F		Sharp cutting edge
A		ER treated cutting edge (ANSI)
E		ER treated cutting edge
T		Negative land
K		Double negative lands
S		Negative land and ER treated cutting edge

9 Hand of tool

R		KAPR Feed
L		Feed KAPR
N		Feed KAPR KAPR Feed

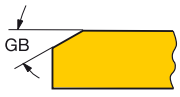
10 Chamfer width, metric, inch



Metric:	
010	BN = 0.10
025	BN = 0.25
070	BN = 0.70
150	BN = 1.50
200	BN = 2.00
Inch:	
03	BN = .003
08	BN = .008
30	BN = .030
60	BN = .060
80	BN = .080

For more information, see code key on page H8

11 Chamfer angle



15 GB = 15°
20 GB = 20°

12 Manufacturer's option

The ISO code consists of nine symbols including 8 and 9 which are used only when required. In addition the manufacturer may add further three symbols, e. g.,

- WF = Wiper – finishing
- WMX = Wiper, medium machining
- PF = ISO P – finishing
- PR = ISO P – roughing

7 * Code on round inserts

Code 00 or M0 in position 7 is used on round inserts in the metric code. M0 shows that the diameter of the insert has an even metric dimension. In the inch code for round inserts, position 7 isn't used at all. It's blank.

Advanced cutting material inserts

Metric

C	N	G	A	12	04	08	T	010	20	R	A	WG
1	2	3	4	5	6	7	8	9	10	11	12	13

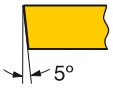
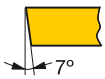
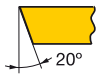
Inch

C	N	G	A	4	3	2	T	03	20	R	A	WG
1	2	3	4	5	6	7	8	9	10	11	12	13

1 Insert shape

C		D	
K		R	
S		T	
V		W	

2 Insert clearance angle

B		C	
E		N	
P		O	Special description

4 Insert type

A		V	
G		R	
M		T	
N		W	
P		X	
Q		Special design	

3 Tolerances, metric

Class	S	IC / W1
G	±0.13	±0.025
M	±0.13	±0.05 – ±0.15[1]
U	±0.13	±0.08 – ±0.25[1]
E	±0.025	±0.025

[1] Varies depending on the size of IC. See below.





Inscribed circle IC mm	Tolerance class M	U
3.97 5.0 5.56 6.0 6.35 8.0 9.525 10.0	±0.05	±0.08
12.0 12.7	±0.08	±0.13
15.875 16.0 19.05 20.0	±0.10	±0.18
25.0 25.4	±0.13	±0.25
31.75 32.0	±0.15	±0.25

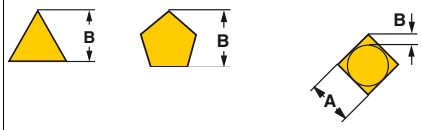






For positive inserts, *iC* is valid for a sharp corner. See cutting edge condition F. (Picture 8).

3 Tolerances, inch



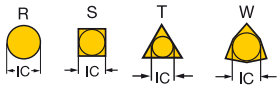
A: Theoretical diameter of the insert inscribed circle.
T: Thickness of the insert.
B: See figures.

Tolerances in inch

Clas	B:	A:	T:
A	±.0002	±.001	±.001
B	.0002	.001	.005
C	.0005	.001	.001
D	.0005	.001	.005
E	.001	.001	.001
F	.0002	.0005	.001
G	.001	.001	.005
H	.0005	.0005	.001
J	.0002	.002-.005	.001
K	.0005	.002-.005	.001
L	.001	.002-.005	.001
M	.002-.005	.002-.005	.005
U	.005-.012	.005-.010	.005
N	.002-.010	.002-.004	.001

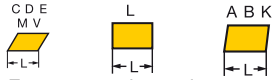
5 Insert size

Inscribed circle, inch



Inscribed circle is indicated in 1/8".

Cutting edge length, inch



For rectangular and rhombic inserts, cutting edge length is indicated in mm.

Cutting edge length, metric

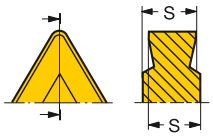
IC mm	IC inch	C	D	R	S	T	V	W	K
3.18	1/8"					05			
3.97	5/32"					06			
5.0				05 09					
6.0			06						
6.35	1/4"	06	07			11	11		
8.0				08					
9.525	3/8"	09	11	09	09	16	16	06	16*)
10.0				10					
12.0				12					
12.7	1/2"	12	15	12	12	22	22	08	
15.875	5/8"	16		15	15	27			
16.0				16					
19.0	3/4"	19		19	19	33			
20.0				20					
25.0				25[1]					
25.4	1"	25		25[2]	25				
31.75	1/4"			31					
32				32					

*) For rectangular and rhombic inserts cutting edge length is indicated in mm.

[1] Metric base design
[2] Inch base design

SANDVIK Coromant

6 Insert thickness, S, mm, inch



Metric:			Inch:		
01	s =	1.59	1.	s =	.0625
T1	s =	1.98	(1.2)	s =	.075
02	s =	2.38	(1.5)	s =	3/32
03	s =	3.18	2	s =	1/8
T3	s =	3.97	(2.5)	s =	5/32
04	s =	4.76	3	s =	3/16
05	s =	5.56	4	s =	1/4
06	s =	6.35	5	s =	5/16
07	s =	7.94	6	s =	3/8
09	s =	9.52	6.3	s =	.394
10	s =	10.00	7.6	s =	.475
12	s =	12.00			

7 Nose radius, RE, mm, inch



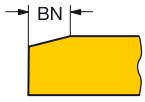
Metric:			Inch:		
00*	=	0	0	=	0
01	=	0.1	.30	=	.004
02	=	0.2	.50	=	.008
04	=	0.4	1	=	.016
05	=	0.5			
08	=	0.8	2	=	.031
10	=	1.0			
12	=	1.2	3	=	.047
15	=	1.5			
16	=	1.6	4	=	.063
24	=	2.4	6	=	.094
32	=	3.2	8	=	.125

Note: See example for approximation of metric nose radius. 16=1.6mm=.063≈.0625

8 Cutting edge condition

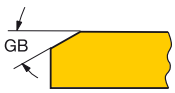
F		Sharp cutting edge
E (A)		ER treated cutting edge A (inch) E (metric)
T		Negative land
K		Double negative lands
S		Negative land and ER treated cutting edge

9 Chamfer width



ISO mm	ANSI inch
010 bγn = 0.10	03 bγn = (.003)
015 bγn = 0.15	06 bγn = (.006)
020 bγn = 0.20	08 bγn = (.0078)
025 bγn = 0.25	08 bγn = (.0098)
070 bγn = 0.70	30 bγn = (.030)
150 bγn = 1.50	60 bγn = (.060)
200 bγn = 2.00	80 bγn = (.080)

10 Chamfer angle, degrees



15 γn = 15°	30 γn = 30°
20 γn = 20°	35 γn = 35°
25 γn = 25°	

11 Hand of insert

Inserts designed solely for machining in left or right direction are indicated as below.

R	Right hand
L	Left hand design

12 Insert Type (CBN)

To allow a variety of machining demands to be met several types of inserts comprising CBN and PCD are manufactured. To easily identify the different types, Sandvik Coromant uses a letter to denote the variants.

A CBN, Multi Corner Inserts
– Fully indexable
- CBN top to bottom of the carbide carrier corners

B CBN, Multi Corner Inserts
– Fully indexable
- CBN brazed to the top and bottom of the carbide carrier corners.

E CBN, Single tip inserts
- Non-indexable
- CBN brazed to the top of one of the carbide carrier corners

F CBN, Multi tip inserts
- Indexable
- CBN brazed to each corner of the carbide carrier

D CBN, Full Top inserts
- Indexable
- CBN sintered to the complete top surface of the carbide carrier

M CBN, Solid inserts
– Fully indexable
- Complete insert mode from CBN

13 Wiper Geometry

Our unique Wiper and Xcel technologies can be used to boost productivity and generate superior surface finish.

WG Wiper geometry for general purpose machining
Allows high feed rates in HPT
Suitable for finish machining of GCI

WH Wiper geometry optimized for HPT
Low cutting forces for superior surface finish
Designed for peak performance at HPT finishing feed rates

Xcel Allows the use of higher feed rates than other wiper geometries
XA Maintains surface finish

7 * Code on round inserts

Code 00 or M0 in position 7 is used on round inserts in the metric code. M0 shows that the diameter of the insert has an even metric dimension. In the inch code for round inserts, position 7 isn't used at all. It's blank.

Shank tools and Coromant Capto® cutting units

Coromant Capto®

C3	–	D	C	L	N	R	22	040	–	09	–	
1		2	3	4	5	6	9	10		11		12

Shank tool, metric

D	C	L	N	R	25	25	M	12	–	2
2	3	4	5	6	7	8	10	11		13

Shank tool, inch

D	C	L	N	R		16	4	D	–	
2	3	4	5	6		7–8	11	10		12

1 Coupling size, mm

C = Coromant Capto®
DCON = Coupling size



CZC_{MS}	DCON
C3	32
C4	40
C5	50
C6	63
C8	80

Coromant Capto®

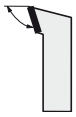
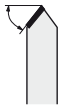
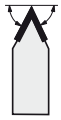
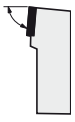
2 Clamping system

C	D	M, W	P	S
				
Top clamping	Top and hole clamping (RC)	Top and hole clamping	Hole clamping	Screw clamping

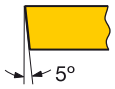
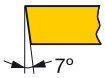
3 Insert shape

C 	D 		
K 	R 		
S 	T 		
V 	W 		

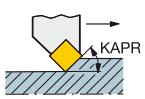
4 Holder style entering angle (lead angle)

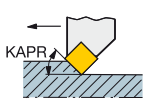
A 90° (0°) 	B 75° (15°) 	D 45° (45°) 	E 60° (30°) 	F 91° (-1°) 	G 91° (-1°) 	H 107.5° (-17.5°) 
J 93° (-3°) 	K 75° (15°) 	L 95° (-5°) 	M 50° (40°) 	N 62.5° (27.5°) 	R 75° (15°) 	
S 45° (45°) 	T 60° (30°) 	U 93° (-3°) 	V 72.5° (17.5°) 	Y(X) 85° (5°) 	Y(Z) 85° (5°) 	

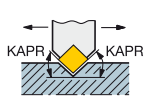
5 Insert clearance angle

B		C	
D		E	
N		P	
O	Specific description		

6 Hand of tool

R 

L 

N 

7 & 8 Shank size (B, width and H, height) inch

05	= 5/16 X 5/16	85	= 1 X 1 1/4
06	= 3/8 X 3/8	86	= 1 X 1 1/2
08	= 1/2 X 1/2	20	= 1 1/4 X 1 1/4
10	= 5/8 X 5/8	24	= 1 1/2 X 1 1/2
12	= 3/4 X 3/4	32	= 2 X 2
16	= 1 X 1		

The seventh and eight position shall be a single significant two digit number which indicates the holder's cross section. For shanks 5/8" square and over, the number will represent the number of sixteenths inch of width and height.

For shanks under 5/8" square, the number of sixteenths inch of cross section will be preceded by a zero.

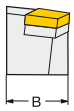
For rectangular holders the first digit represents the number of eighths inch width, and the second digit the number of quarters inch of height.

7 & 8 Shank size (B, width and H, height) metric

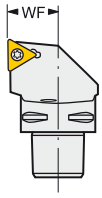
7 Shank height * Integers to be preceded by 0, e.g. H = 8 mm indicated by 08



8 Shank width * Integers to be preceded by 0, e.g. B = 8 mm indicated by 08

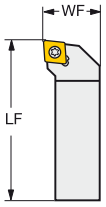


9 WF dimension, Coromant Capto®



WF dimension in mm (2 digits)

10 Tool length and width, inch

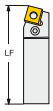


A	LF= 4"
B	LF= 4.5"
C	LF= 5"
D	LF= 6"
E	LF= 7"
F	LF= 8"
M	LF = 4"
N	LF = 4.5"
P	LF = 5"
R	LF = 6"
S	LF = 7"
T	LF= 8"

SANDVIK standard

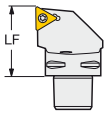
G	LF= 5.5"
U	LF = 5.5"
V	LF = 3.5"
K	LF = 14"

10 Shank tool length, metric



A = 32 mm	N = 150 mm
B = 40 mm	P = 170 mm
C = 50 mm	Q = 180 mm
D = 60 mm	R = 200 mm
E = 70 mm	S = 250 mm
G = 80 mm	T = 300 mm
H = 100 mm	U = 350 mm
J = 110 mm	V = 400 mm
K = 125 mm	W = 400 mm
L = 140 mm	
M = 150 mm	X = Special

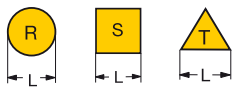
10 Coromant Capto® tool length, metric



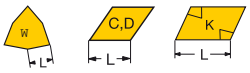
LF dimension in mm (3 digits)

11 Insert size

Metric Cutting edge length

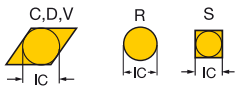


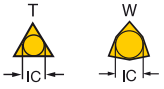
Cutting edge length is indicated in mm.



Cutting edge length is indicated in mm.

Inch Inscribed circle is indicated in 1/8".





1.2	= 5/32
1.5	= 3/16
1.8	= 7/32
2	= 1/4
2.5	= 5/8
3	= 3/8
4	= 1/2
5	= 5/8
6	= 3/4
8	= 1
10	= 1 1/4

12 Manufacturer's option

When required a supplementary symbol of max. 3 letters may be added to the ISO code, separated by a dash, e.g. W for wedge design.

13 Clamping system, ceramics

-2 = CoroTurn® RC holders for inserts with hole

-4 = CoroTurn® RC holders for inserts without hole

Boring bars

Coromant Capto®

C3	–	S	C	L	C	R	–	11065	–	09	
1		5	6	7	8	9		13		10	11

Boring bars, metric

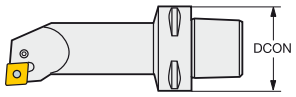
S	40	V	–	S	C	L	C	R	12		–	ID
2	3	4		5	6	7	8	9	10	11		12

Boring bars, inch

S	24	V	–	S	C	L	C	R	4	–	
2	3	4		5	6	7	8	9	10		11

1 Coupling size

C = Coromant Capto®
DCON = Coupling size



CZC_{MS}	DCON
C3	32
C4	40
C5	50
C6	63
C8	80

2 Type of bar

A = Solid steel bar with internal coolant supply.

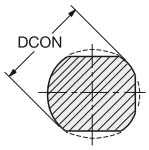
E = Carbide shank bar

F = Damped, carbide shank bar

S = Solid steel bar without coolant

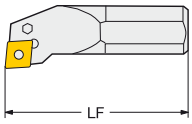
3 Bar diameter

mm[1]	inch
03 =	.1875
04 =	.250
05 =	.3125
06 =	.375
08 =	.500
10 =	.625
12 =	.750
16 =	1.000
20 =	1.250
24 =	1.500
28 =	1.750
32 =	2.000
36 =	2.250
40 =	2.500



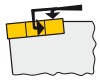
4 Tool length, LF mm, inch

Shank tool



	Metric	Inch		Metric	Inch
F =	80	3.250	S =	250	10.000
H =	100	4.000	T =	300	12.000
K =	125	5.000	U =	350	14.000
M =	150	6.000	V =	400	15.750
P =	170	6.250	W =	450	17.750
Q =	180	7.250	Y =	500	20.000
R =	200	8.000	X =	Special	

5 Clamping system

C	D	M,W	P	S
				
Top clamping	Top and hole clamping (RC)	Top and hole clamping	Hole clamping	Screw clamping

1) For metric bars DCON in mm.

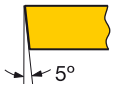
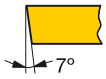
6 Insert shape

C		D	
K		R	
S		T	
V		W	

7 Bar style, lead angle (entering angle)

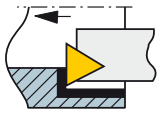
F 91° (-1°)		J 93° (-3°)	
K 75° (15°)		L 95° (-5°)	
P 117.5° (-27.5°)		Q 107.5° (-17.5°)	
U 93° (-3°)		U-X 93° (-3°)	

8 Clearance angle on major cutting edge

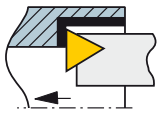
B		C	
D		E	
N		O	Special description
P			

9 Hand of tool

R

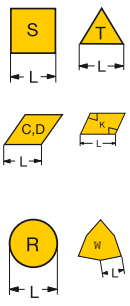


L



10 Cutting edge length

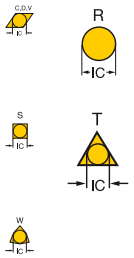
Metric



Cutting edge length is indicated in mm.

Integer (not rounded off).

Inch



1.2	=	5/32
1.5	=	3/16
1.8	=	7/32
2	=	1/4
2.5	=	5/16
3	=	3/8
4	=	1/2
5	=	5/8
6	=	3/4
8	=	1
10	=	1¼

11 Manufacturer's option

When required a supplementary symbol of max. 3 letters may be added to the ISO code, separated by a dash, e.g.:

C = Coolant thru capabilities.

D = Extended WF dimension, + 1.0 mm (.04")

E = Extended WF dimension, + 2.0 mm (.08")

F = Extended WF dimension, + 3 mm (.12")

G = Altered dimensions

L = Extended LF dimension

R = Round shank

W = Wedge design

X = Back boring

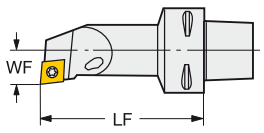
B1 = For inserts with thickness 03 = 3.18 mm.

12 Clamping system Ceramics

ID = Clamp with pressure plate

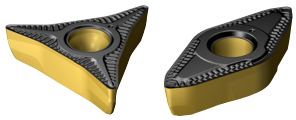
13 Coromant Capto cutting unit size, mm

WF x LF



Example
C4-SCLCR 11065-09
WF = 11 mm (2 digits)
LF = 065 mm (3 digits)

CoroTurn® Prime



Code key for inserts

CP	–	A	11	08	–	M5	W	4325
1		2	3	4		5	6	7

1 Family name CoroTurn® Prime

CP

2 Insert type

A = Variant for light machining and profiling
B = Variant for rough machining

3 Insert size, IC

11 = 11 mm (.433 inch)

4 Nose radius

04 = 0.4 mm (.016 inch)
08 = 0.8 mm (.031 inch)

5 Insert geometry

L5 = Finishing
M5 = Medium

6 W = Wiper (if available)

W

7 Grade

4325

Code key for holders



Coromant Capto®

C4	–	CP	–	30	A	R	–	WF	LFx	–	11	C
1		2		3	4	5		6	7		8	9



QS™ shank

QS	–	CP	–	25	B	R	–	2020	–		11	B
1		2		3	4	5		6		7	8	9

1 Connection type (and size for Coromant Capto®)

C4 = Capto® , size 4
QS = QS

2 Family name

3 Entering angle

25 = 25 degrees, KAPR
30 = 30 degrees, KAPR

4 Insert type

A = Variant for light machining and profiling
B = Variant for rough machining

5 Positioning of cutting edge

R = Right hand
L = Left hand

6 Shank size

2020 = shank size H x B mm
12 = shank size B x H inch

6 WF Capto® dimension

WF = For Capto® WF dimensions (2 digits)

7 LF Capto® dimension

LF = For Capto® LF dimensions (3 digits)

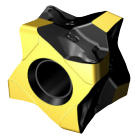
8 Insert size, IC

11 = 11 mm (.433 inch)

9 Coolant type

A = Precision coolant (over-coolant)
B = Precision coolant (under-coolant)
C = Precision coolant (over- and under-coolant)
No letter = No coolant

CoroTurn® 300



Code key for inserts

3	–	80	–	10	11	08	–	8	–	L4
1		2		3	4	5		6		7

1 Family name CoroTurn® 300
3

2 Point angle of inserts
80 degrees

3 Insert width
10 = 10 mm (.394 inch)

4 Insert height
11 = 11 mm (.433 inch)

5 Nose radius, RE
04 = 0.4 mm (.016 inch)
08 = 0.8 mm (.031 inch)
12 = 12 mm (.472 inch)

6 Number of edges
8

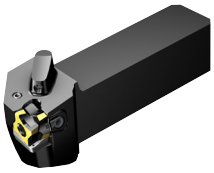
7 Insert geometry
L4 = Finishing
M5 = Medium
M5W = Medium wiper

Code key for holders



Coromant Capto®

C4	–	3	–	80	–	L	R	27	050	–	10	C
1		2		3		4	5	6	7		9	10



QS™ shank (inch)

QS	–	3	–	80	–	L	R	16	–	20	–	10	C
1		2		3		4	5	6-7		8		9	10

QS™ shank (mm)

QS	–	3	–	80	–	L	R	20	20	34	–	10	C
1		2		3		4	5	6	7	8		9	10

1 Connection type (and size for Coromant Capto®)
C4 = Capto® , size 4
QS = QS

2 Family name
3

3 Point angle of inserts
80 degrees

4 Entering angle
L = 95 degrees

5 Positioning of cutting edge
R = Right hand
L = Left hand
N = Neutral

6 Shank height
20 = 20 mm

6 WF Capto® dimension
WF = For Capto® WF dimension (2 digits, e.g., 27)

7 Shank width
20 = 20 mm

7 LF Capto® dimension
LF = For LF Capto® dimension (3 digits, e.g.,

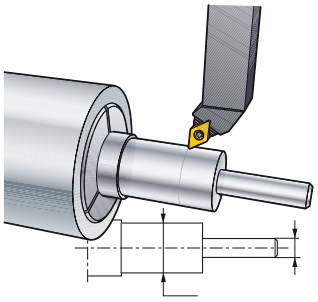
6–7 Shank size, inch
B, Width and H, Height
16 = 1 X 1
12 = 3/4 X 3/4

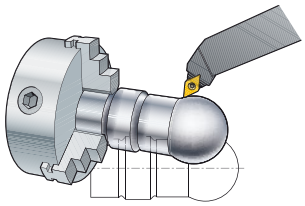
8 Functional length in mm (parts of inch)

9 Insert width in mm

10 Coolant type
A = Precision coolant (over-coolant)
B = Precision coolant (under-coolant)
C = Precision coolant (over- and under-coolant)
No letter = No coolant

CoroTurn® TR





Profile turning operations place extreme demands on the insert and tool holder through variations in forces. This can cause the problem of reduced component quality in medium to finish machining.

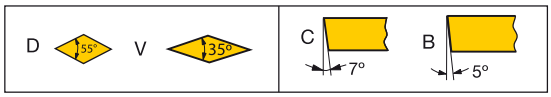
CoroTurn TR provides a unique design solution in this area, with an innovative clamping interface to enable highly secure and stable positioning of the insert in the insert seat. This firm location will improve quality and productivity in turning operations for V (35°) and D (55°) style inserts.

The new design ensures quality requirements are met in external machining and is well suited to medium and finish profile turning in a wide range of materials.

Code key for inserts

TR	-	D	C	13	04	-	F
1		2	3	4	5		6

2. Insert shape **3/ 5. Insert clearance angle**



1 Family name CoroTurn TR

2 Insert shape

D=55° , V=35°

3 Insert clearance angle

C=7° , B=5°

4 Insert size

Cutting edge length, 13 mm (.512 inch)

5 Nose radius, RE

04 = 0.4 mm (.016 inch)
08 = 0.8 mm (.031 inch)
12 = 1.2 mm (.047 inch)

6 Insert geometry

F = Finishing
M = Medium machining

Code key for shank holder

Metric

TR	-	D	13	J	C	R	-	20	20	K
1		2	3	4	5	6		7	8	9

Inch

TR	-	D	13	J	C	R	-	12	B
1		2	3	4	5	6		13	9

2 Insert shape

D=55° , V=35°

3 Insert size

4 Holder style, lead angle

J=-3°, N=27.5°, V=17.5°

5 Insert clearance angle

C=7° , B=5°

6 Holder style

R = Right hand
L = Left hand
N = Neutral

7 Shank-size height, Hmm

8 Shank-size width, B mm

9 Shank-tool length, LF mm/inch

K = 125 mm
M = 150 mm
P = 170 mm
B = 4.5 inch
D = 6 inch

Coromant Capto®

TR	-	C4	-	D	13	J	C	R	-	27	050
1		10		2	3	4	5	6		11	12

10. Coromant Capto coupling size

11 Coromant Capto WF dimension mm

12 Coromant Capto tool length, mm

13 Shank size, inch width and height

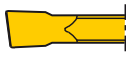
12 = ¾x¾
16 = 1x1

CoroCut® 1-2-3 edge inserts

N	123	H	2	–	0400	–	00	04	–	TF
1	2	3	4		5		6	7		8

1 Hand of insert

R



N



L



2 Main code

123

3 Seat size

CoroCut® 1-2

D	G	K
E	H	L
F	J	M
		R

CoroCut® 3

T = Right hand cutting
U = Left hand cutting

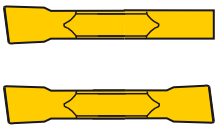
To correspond with seat size on holder.

Insert seat interchangeability:

Insert seat size	Size, mm	Holder	Insert seat size	Size, mm	Holder
D	1.5	D	H	4.0	H
E	2.0	E	J	5.0	J, H
F	2.5	F, E	K	6.0	K, J, H
G	3.0	G, F, E	L	8.0	L
			M	9.0	M
			R	15.0	R

4 Number of edges

1 or 2



3



5 Insert width

E.g.: 0400 = .157 inch (4 mm)

0400 = .157 inch (4 mm)

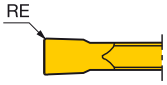
6 Front angle

E.g.: 00 = 0°
05 = 5°

7 Corner radius

E.g.: 04 = .016 inch (0.4 mm)

08 = .031 inch (0.8 mm)



8 Geometry designation

First digit: Type of operation

A = Aluminum/profiling
C = Cut off
T = Turning
G = Grooving
R = Profiling
B = Blank

Second digit:

E = ER treated cutting edge
F = Low feed
M = Medium feed
R = High feed
O = Optimized for special areas
S = Sharp cutting edge
G = Blank

CoroCut® 1-2-3 tools

Coromant Capto®

C4	–	R	F	123	E	15	–	27055	B
1		2	3	4	5	6		7	8

Shank holder

Metric

R	F	123	E	08	–	1616	B	–	007	064	B
2	3	4	5	6		7	8		10	12	13

Inch

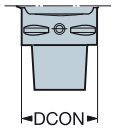
R	F	123	E	059	–	08	B	–	S
2	3	4	5	6		7	8		11

Blade

N	123	F	55	–	25	A	2
2	4	5	6		7	8	9

1 Coupling size

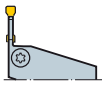
C = Coromant Capto®
DCON = Coupling size



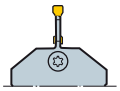
	DCON mm	Inch
C3	32	(1.260)
C4	40	(1.575)
C5	50	(1.968)
C6	63	(2.480)
C8	80	(3.150)

2 Hand of tool

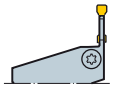
R



N



L

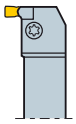


3 Holder style

F 0°



G 90°



X 1-70°



4 Main code

123

5 Insert seat size

CoroCut® 1-2

D	G	K
E	H	L
F	J	M
		R

CoroCut® 3

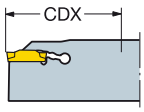
T = Right hand cutting

U = Left hand cutting

To correspond with seat size on insert.

6 Machining limitations



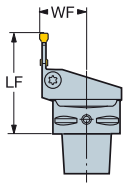


Max cutting depth, CDX in mm

Metric 08 = 8 mm
Inch 059 = .590 inch

7 Shank/cutting unit dimension

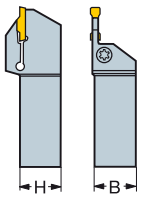
Coromant Capto®

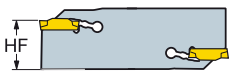


For example:

W	LF
27 mm	55 mm
1.063 inch	2.165 inch

Shank tool





Blade
Dimensions in mm.

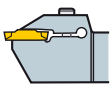
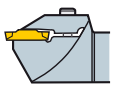
Inch
Shank size in 1/16 inch
eg. 08 = 8/16 = 1/2 inch

H x B
08

Metric
Integers to be preceded by 0, e.g., b = 8 mm indicated by 08

H	B
16	16

8 Clamping system

A	B	C	D
Spring clamp	Screw clamp	Shallow grooving	Screw clamp reinforced
			

9 Number of insert seats

1 One insert seat

2 Two insert seats

10 Holder angle

007 = 7°
045 = 45°
070 = 70°

Valid for holder style = X

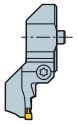
11 Special application

S = Holder for small part machines

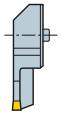
12 Min. diameter for first cut, for facegrooving

Min. diameter for first cut in mm.

13 Type of curve, for facegrooving



B = B curve



A = A curve

CoroCut® QD insert for parting

Q	D	–	N	G	–	0300	00	02	–	CM
1	2		3	4		5	6	7		8

1 System	2 Application	3 Hand of insert
Q = CoroCut® QD	D = Deep parting and grooving	N/R/L N = Neutral, R = Right hand, L = Left hand

4 Seat size

Insert seat size SSC	mm (inch)	Holder seat size SSC
B	1.00 - 1.19 (.039 - .047)	B
C	1.20 - 1.49 (.047 - .059)	C (B)
D	1.50 - 1.99 (.059 - .078)	D
E	2.00 - 2.30 (.079 - .091)	E
F	2.31 - 2.99 (.091 - .118)	F (E)
G	3.00 - 3.99 (.118 - .157)	G (F, E)
H	4.00 - 4.99 (.157 - .196)	H
J	5.00 - 5.99 (.197 - .236)	J
K	6.00 - 7.80 (.236 - .307)	K (J)
L	7.81 - 8.99 (.307 - .354)	L

5 Insert width	6 Insert front angle	7 Insert corner radius
CW 0400 = 4 mm (.157 inch)	PSIRL, PSIRR E.g.: 00 = 0°	RE 04 = 0.40 mm (.016 inch)

8 Insert geometry

First digit		Second letter	
C =	Cut off	F =	Low feed
T =	Turning	M =	Medium feed
B =	Blank	R =	High feed
		O =	Optimizer
		L =	Low carbon
		G =	Blank

CoroCut® QD blade for parting

Q	D	–	N	N	2	G	60	C	25	A
1	2		3	4	5	6	7	8	9	10

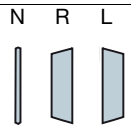
1 System

Q = CoroCut® QD

2 Application

D = Deep parting and grooving

3 Tool coupling in hand



N = Neutral, R = Right hand, L = Left hand

4 Tool in hand - insert side

N/R/L
N = Neutral, R = Right hand, L = Left hand

5 Number of insert seats

1 = One insert
2 = Two inserts

6 Seat size

Insert seat size		Holder seat size
SSC	mm (inch)	SSC
B	1.00 - 1.19 (.039 - .047)	B
C	1.20 - 1.49 (.047 - .059)	C (B)
D	1.50 - 1.99 (.059 - .078)	D
E	2.00 - 2.30 (.079 - .091)	E
F	2.31 - 2.99 (.091 - .118)	F (E)
G	3.00 - 3.99 (.118 - .157)	G (F, E)
H	4.00 - 4.99 (.157 - .196)	H
J	5.00 - 5.99 (.197 - .236)	J
K	6.00 - 7.80 (.236 - .307)	K (J)
L	7.81 - 8.90 (.307 - .354)	L

7 Cutting depth tool

Max cutting depth, CDX

Metric 60 = 60 mm

Inch 1250 = 1.250 inch

8 Through coolant

C = Coolant

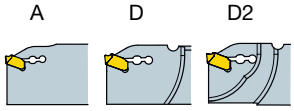
- = No coolant

9 Blade height

Cutting edge height, mm

10 Front end

A = No or straight reinforcement
D = 1 reinforcement curve
D2 = 2 reinforcement curves



CoroCut® QD shank tool for parting and grooving

QS	–	Q	D	–	R	F	G	26	C	2525	D
1		2	3		4	5	6	7	8	9	10

1 Coupling

SL

QS

Coromant Capto® C3-C8

2 System

Q = CoroCut® QD

3 Application

D = Deep parting and grooving

4 Tool in hand

N/R/L

N = Neutral, R = Right hand, L = Left hand

5 Holder style

F = 0°
G = 90°
X = Other

6 Seat size

Holder seat size SSC	Size mm	Insert seat size SSC
B	1.00 - 1.19	B
C (B)	1.20 - 1.49	C
D	1.50 - 1.99	D
E	2.00 - 2.30	E
F (E)	2.31 - 2.99	F
G (F, E)	3.00 - 3.99	G
H	4.00 - 4.99	H
J	5.00 - 5.99	J
K (J)	6.00 - 7.80	K
L	7.81 - 8.99	L

7 Cutting depth tool

Max cutting depth, CDX

Metric 60 = 60 mm

Inch 1250 = 1.250 inch

8 Through coolant

C = Coolant

- = No coolant

9 Shank or coupling size/dia

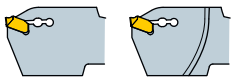
	Metric	Inch
Shank	4 digits	2 digits
QS	4 digits	2 digits
SL	2 digits	

10 Front end (reinforcement)

S = Swiss Designed for sliding head machines

A = No reinforcement

D = Reinforced curve



CoroTurn® XS

Insert for turning

CXS	04	T	098	A	10	–	22	06	R
1	2	3	4	13	5		9	10	12

Insert for grooving

CXS	06	F	100	–	62	15	A	R
1	2	3	6		9	10	11	12

Insert for threading

CXS	04	TH	050	VM	–	42	15	R
1	2	3	7	8		9	10	12

1 Main code

CXS = CoroTurn® XS

2 Insert size, mm (inch)



04 = 4 mm (.157 inch)
05 = 5 mm (.197 inch)
06 = 6 mm (.236 inch)
07 = 7 mm (.276 inch)

3 Type of operation

T = Turning

TE = Turning, copying, extended f_1 dimension

F = Face grooving

G = Grooving

GX = Pre-parting

R = Profiling full radius

TH = Threading

B = Back boring

4 Entering angle (Turning)

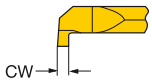
E.g.: 098 = Entering angle 98°
entering Lead angle -8°

5 Nose radius, RE mm (Turning)



E.g.:
10 = 0.1 mm (.004 inch)
15 = 0.15 mm (.006 inch)
20 = 0.2 mm (.008 inch)

6 Insert width, CW mm (Grooving)



E.g.: 100 = 1.00 mm (.039 inch)

7 Pitch, mm (Threading)

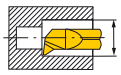
mm: pitch x 100

inch: No. of threads per inch x 10

8 Thread profile (Threading)

VM = V-Profile 60°
WH = Whitworth 55°
NT = NPT 60°
UN = UN 60°
MM = MM 60°
TR = Trapezoidal 30°

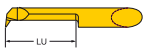
9 Min bore diameter, DMIN.



min. hole

E.g.: 22 = 2.2 mm (.087 inch)

10 Penetration depth, LU



E.g.: 06 = 6 mm (.236 inch)

11 Type of curve (Face grooving)

A = A-curved

12 Hand of insert

R = Right hand style
L = Left hand style

13 Geometry

- = Without chip forming geometry

A = Chip forming geometry

CoroTurn® XS

Boring bars

CXS	A	10	–	04
1	2	3		4

Double ended boring bars

CXS	A	10	–	04	–	04
1	2	3		4		5

Shank tool

CXS	–	1010	–	04	F	N
1		6		4	10	7

Coromant Capto® holder

C4	–	CXS	–	47	–	04
8		1		9		4

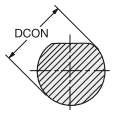
1 Main code

CXS = CoroTurn® XS

2 Type of bar

A = Steel bar with internal coolant supply

3 Bar diameter, DCON



Metric
10 = 10 mm
Inch
0500 = 1/2"

4 Insert size

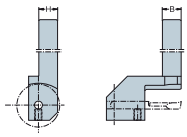


04 = 4 mm (.157 inch)
05 = 5 mm (.197 inch)
06 = 6 mm (.236 inch)
07 = 7 mm (.276 inch)

5 Insert size for sub-spindle

For double ended boring bars, same as 4.

6 Shank size (width and height), mm



H = 10 mm (.394 inch)
B = 10 mm (.394 inch)

7 Hand of tool

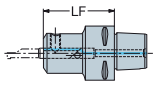
L = Left hand style
R = Right hand style
N = Neutral

8 Coromant Capto® size

C3: DCON = 32 mm (1.260 inch)
C4: DCON = 40 mm (1.575 inch)
C5: DCON = 50 mm (1.968 inch)
C6: DCON = 63 mm (2.480 inch)

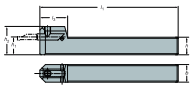
9 Coromant Capto® length

LF = 47 mm (1.850 inch)



10 Shank style

F = 0°



CoroCut® XS

Insert for parting

M	A	C	R	3	070	–	N
1	2	3	4	5	6		7

Insert for turning/grooving

M	A	G	R	3	125
1	2	3	4	5	6

Insert for threading

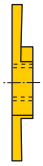
M	A	T	R	3	60	–	A
1	2	3	4	5	8		9

Shank holder

S	M	AL	R	1010	K	3	–	X
10	1	11	4	12	13	5		14

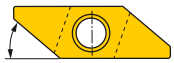
1 Family description

M =



2 Insert clearance angle

A = 50°



3 Type of operation

C = Cut off/parting
G = Grooving
T = Threading
F = Turning
B = Back turning
X = Semi-finishing blanks

4 Hand of insert/holder

R = Right hand
L = Left hand

5 Insert seat size

3

6 Insert thickness/corner radius, mm

For parting insert width (CW) 070 = 0.70 mm (.028 inch)

For back-turning insert corner radius (RE) 005 = 0.05 mm (.002 inch)

7 For cut off inserts (C in third position)

N = Neutral with geometry
T = Neutral without geometry
L = Left handed with geometry
R = Right handed with geometry

8 For threading inserts (T in third position)

60 = V-profile 60°

9 For threading inserts Hand of thread point

N = Neutral
A = Right hand
C = Left hand

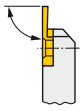
10 Clamping system

S = Screw clamping



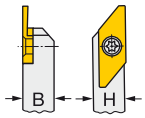
11 Holder style

AL = 90°



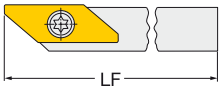
12 Shank dimensions

ex. 1010 = 10 x 10 (Metric version)
ex. 08 = 1/2" x 1/2" (Inch version)



13 Shank tool length, inch/mm

C: LF = 5"
K : LF = 125 mm



14 Additional information

X = Special design for working with sub-spindle



CoroCut® MB

Insert for turning/back boring

MB	–	07	T	093	A	–	02	–	10	R
1		2	3	4	16		5		9	12

Insert for grooving/pre-parting

MB	–	07	G	070	–	00	–	10	R
1		2	3	6		5		9	12

Insert for threading

MB	–	07	TH	050	VM	–	10	R
1		2	3	7	8		9	12

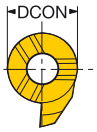
Boring bars

MB	–	A	16	–	16	–	07	R
1		13	14		10		2	15

1 Main code

MB = CoroCut® MB

2 Insert size, mm (inch)



07 = 7 mm (.276 inch)
09 = 9 mm (.354 inch)

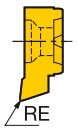
3 Type of operation

B = Back boring
G = Grooving
GX = Pre-parting
R = Profiling full radius
T = Turning
TE = Turning, copying, extended f_1 dimension
TH = Threading
FA = Face grooving A-sweep
FB = Face grooving B-sweep

4 Entering angle (Turning)

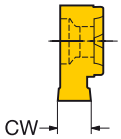
E.g.: 093 = 93°

5 Nose radius, RE mm (Turning)



E.g.: 00 = Sharp
02 = 0.2 mm (.008 inch)

6 Insert width, CW mm (Grooving)



E.g.: 100 = 1.00 mm (.039 inch)

7 Pitch (Threading)

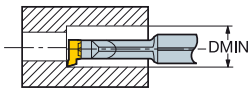
mm: pitch x 100

inch: No. of threads per inch x 10 (TPI)

8 Thread profile (Threading)

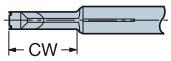
V = V profile 60°
M = Metric 60°
W = Whitworth 55°
U = UN 60°
NT = NPT 60°
AC = ACME 29°
SA = STUB-ACME

9 Min bore diameter, DMIN (Insert)



E.g.: 10 = 10 mm (.394 inch)

10 Penetration depth, CW (boring bar)



Inch, e.g.: e.g.: 06 = .630 inch
08 = .787 inch
12 = 1.260 inch

Metric, e.g.: 16 = 16 mm

12 Hand of insert

R = Right hand style

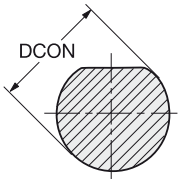
L = Left hand style

13 Type of bar

A = Steel bar with internal coolant supply

E = Carbide shank bar

14 Bar dia, DCON inch



Inch
0625 = .625 inch
Metric
16 = 16 mm

15 Shank type

R = Cylindrical

No symbol = With flats

16 Geometry

- = Without chip forming geometry

A = Chip forming geometry

CoroThread® 266

266	R	G	–	22	TR0	1	F	600		E	
1	2	3		4	5	6	7	8	9	10	11

1 Main code

266 = CoroThread® 266

2 Hand of tool

R = Right hand style

L = Left hand style

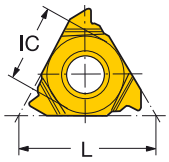
3 Type of machining

G = Inserts for external threading

L = Inserts for internal threading

4 Insert size/dimension

16 = *iC* 3/8'' = 9.52 mm
22 = iC 1/2'' = 12.70 mm
27 = iC 5/8'' = 15.88 mm



5 Thread profile

VM0 =	V-profile 60°	AC0 =	ACME 29°
VW0 =	V-Profile 55°	SA0 =	STUB-ACME 29°
MM0 =	Metric 60°	NJ0 =	UNJ 60°
UN0 =	UN 60°	MJ0 =	MJ 60°
WH0 =	Whitworth 55°	NF0 =	NPTF 60°
NT0 =	NPT 60°	BU0 =	Buttress
RN0 =	Round 30°	RD0 =	API Rd 60°
PT0 =	BSPT 55°	V38 =	V-0.038R
TR0 =	Trapezoidal 30°	V40 =	V-0.040
AB0 =	Buttress 45°-7°	V50 =	V-0.050

6 Number of points per cutting edge

Varies from 1 to 3 points.

1 = 1 point
2 = 2 points
3 = 3 points

7 Cutting edge condition

A = Edge rounded (ER)
F = Sharp cutting edge
C = Chip forming geometry

8 Pitch

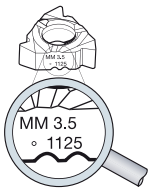
mm: pitch x 100
Inch: number of threads per inch x 10

9 Supplementary code

Taper on diameter/inch per foot (i.p.f.)
1 = 1 i.p.f.
2 = 2 i.p.f.
3 = 3 i.p.f.

10 Tolerance of cutting edge position

M = ± 0.05 mm (.002 inch) axial
E = ± 0.01 mm (.0004 inch) axial



[1] Marking:
All inserts are marked with the profile, grade and pitch: internal inserts are identified with a circle. To prevent erasure, the marking is laser marked on the side of the inserts.

11 Cubic boron nitride inserts

E = Edge rounded (ER)

External right hand inserts
Internal left hand inserts

External left hand inserts
Internal right hand inserts

CoroThread® 266

Shank holders, inch

266	R	FG	Z	16	4	D
1	2	4	5	6	3	11

Boring bar, inch

266	R	KF	Z	D 20	–	4
1	2	4	5	6		3

Coromant Capto cutting unit and boring bars

C5	–	266	R	FG	Z	35	060	–	22
9		1	2	4	5	10	11		3

Shank holders, metric

266	R	FG	Z	3232	–	22
1	2	4	5	6		3

Boring bar, metric

266	R	KF	Z	32	–	22	–	R	E
1	2	4	5	6		3		7	8

CoroThread® 266 SL cutting head

SL	–	266	R	KF	–	40	32	27	–	22
12		1	2	4		13	11	10		3

Cartridge

266	R	KF	–	20	C	A	–	22
1	2	4		14	15	16		3

1 Main code

266 = CoroThread® 266
254 = CoroThread 254

2 Hand of tool

R = Right hand style
L = Left hand style

3 Insert size/dimension

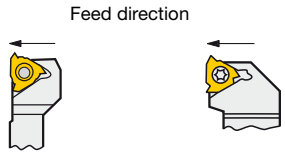
Shank holders

Inch
3 = 3/8" = *iC*
4 = 1/2" = *iC*
5 = 5/8" = *iC*

Metric
16 = *iC* 3/8'' = 9.52 mm
22 = iC 1/2'' = 12.70 mm
27 = iC 5/8'' = 15.88 mm

4 Type of tool and holder style

External



FA FG

Internal



KF

5 Holder for upside down mounting

Z = Drop head design for upside down mounting

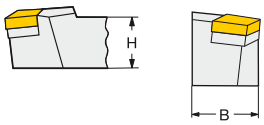
Drop head design for upside down

6 Shank dimension

External

Inch
Shank size
16 = 1 x 1"
20 = 1 1/4 x 1 1/4"
24 = 1 1/2 x 1 1/2"

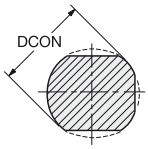
Metric
Shank size H x B



Internal

Inch
Shank diameter
D12 = .750" D24 = 1.500"
D16 = 1.000" D32 = 2.000"
D20 = 1.250"

Metric
Shank diameter DMM



7 Type of shank

R = Round shank

8 Type of bar

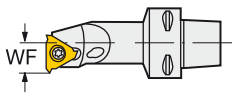
E = Carbide shank bar

9 Coromant Capto® size

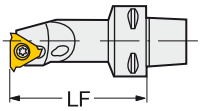
C = Coromant Capto®
DCON = size code

C3 DCON = 32 mm
C4 DCON = 40 mm
C5 DCON = 50 mm
C6 DCON = 63 mm
C8 DCON = 80 mm

10 WF dimension, mm



11 Tool length, LF dimension, mm



Metric
LF dimension in mm

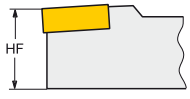
12 Cutting unit

SL-System

13 SL coupling size

DCON – dimension (coupling dia)

14 Cutting-edge height, HF mm



15 Type of tool

C = Cartridge

16 Type of design

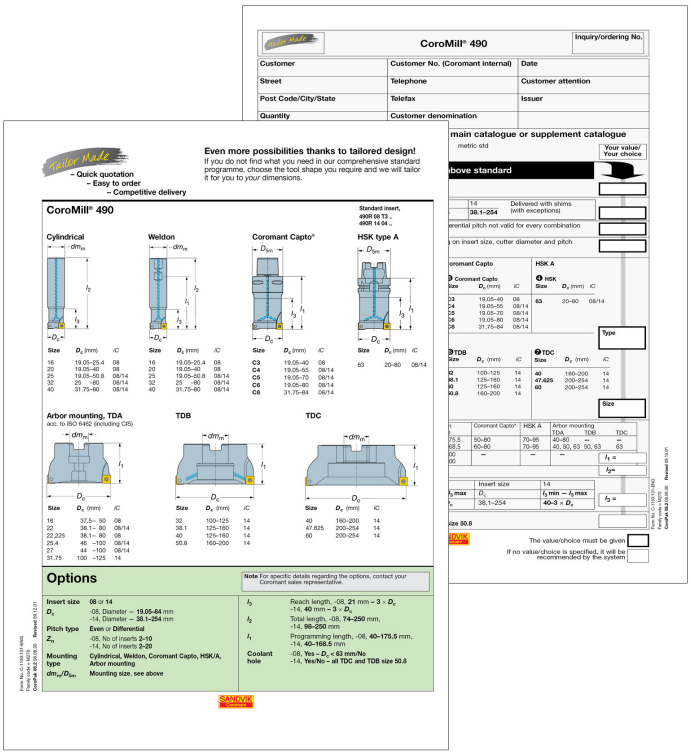
A = letter for alternative designs according to ISO 5611.

Tailor Made

Additional tool options designed for your specific requirements.



In addition to our comprehensive standard program, we can offer tools to your dimensions on standard tool terms. With our Tailor Made Service, you are free to specify your own dimensions.



What you can expect from us

- Quick quotation
- Easy ordering
- Performance guarantee for given product and cutting data
- Competitive delivery times

The Tailor Made option is available in the following product families:

Inserts – Carbide
- CoroCut® 1-2
- CoroCut® QD
- CoroCut® 3
- T-Max® Q-Cut
- CoroThread® 266
- T-Max® U-Lock

Inserts – CBN
- T-Max® P
- T-Max®
- CoroTurn® 107
- CoroTurn® 111
- CoroTurn® TR
- CoroCut®

Inserts – PCD
- CoroTurn® 107
- CoroTurn® 111
- CoroCut®

Tools
- CoroTurn® 300
- CoroTurn® TR
- CoroCut® 1-2
- CoroCut® QD
- CoroCut® 3
- T-Max® Q-Cut

Adapters
- Coromant Capto®

...and engineered solutions

When standard and Tailor Made solutions do not fulfill your needs, you can depend on Sandvik Coromant's extensive experience in engineered tool solutions to cope with particularly demanding criteria.
Access our Tailor Made forms at www.sandvik.coromant.com

Material cross reference list

ISO	MC	CMC	Country									
			Europe	Germany	Great Britain		Sweden	USA	France	Italy	Spain	Japan
			Standard									
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
P	**Unalloyed steel**											
Steel	P1.1.Z.AN	01.1	S235JR G2	1.0038	4360 40 C	-	1311	A570.36	E 24-2 Ne	-	-	STKM 12A;C
	P1.1.Z.AN	01.1	S235J2 G3	1.0116	4360 40 B	-	1312	A573-81 65	E 24-U	Fe37-3	-	-
	P1.1.Z.AN	01.1	C15	1.0401	080M15	-	1350	1015	CC12	C15C16	F.111	-
	P1.1.Z.AN	01.1	C22	1.0402	050A20	2C/2D	1450	1020	CC20	C20C21	F.112	-
	P1.1.Z.AN	01.1	C15E	1.1141	080M15	32C	1370	1015	XC12	C16	C15K	S15C
	P1.1.Z.AN	01.1	C25E	1.1158	-	-	-	1025	-	-	-	S25C
	P1.1.Z.AN	01.1	S380N	1.8900	4360 55 E	-	2145	A572-60	-	FeE390KG	-	-
	P1.1.Z.AN	01.1	17MnV7	1.0870	4360 55 E	-	2142	A572-60	NFA 35-501	-	-	-
	P1.1.Z.AN	02.1	55Si7	1.0904	250A53	45	2085	9255	55S7	55Si8	56Si7	-
	P1.1.Z.AN	02.2	-	-	-	-	2090	9255	55S7	-	-	-
	P1.2.Z.AN	01.2	C35	1.0501	060A35	-	1550	1035	CC35	C35	F.113	-
	P1.2.Z.AN	01.2	C45	1.0503	080M46	-	1650	1045	CC45	C45	F.114	-
	P1.2.Z.AN	01.2	40Mn4	1.1157	150M36	15	-	1039	35M5	-	-	-
	P1.2.Z.AN	01.2	36MN5	1.1167	-	-	2120	1335	40M5	-	36Mn5	SMn438(H)
	P1.2.Z.AN	01.2	28Mn6	1.1170	150M28	14A	-	1330	20M5	C28Mn	-	SCMn1
	P1.2.Z.AN	01.2	C35G	1.1183	060A35	-	1572	1035	XC38TS	C36	-	S35C
	P1.2.Z.AN	01.2	C45E	1.1191	080M46	-	1672	1045	XC42	C45	C45K	S45C
	P1.2.Z.AN	01.2	C53G	1.1213	060A52	-	1674	1050	XC48TS	C53	-	S50C
	P1.2.Z.AN	01.3	C55	1.0535	070M55	-	1655	1055	-	C55	-	-
	P1.2.Z.AN	01.3	C55E	1.1203	070M55	-	-	1055	XC55	C50	C55K	S55C
	P1.2.Z.AN	02.1	S275J2G3	1.0144	4360 43C	-	1412	A573-81	E 28-3	-	-	SM 400A;B;C
	P1.2.Z.AN	02.1	S355J2G3+C2	1.0570	4360 50B	-	2132	-	E36-3	Fe52BFN/Fe52CFN	-	SM490A;B;C;YA;YB
	P1.2.Z.AN	02.1	S355J2G3	1.0841	150 M 19	-	2172	5120	20 MC 5	Fe52	F-431	-
	P1.3.Z.AN	01.3	C60E	1.0601	080A62	43D	-	1060	CC55	C60	-	-
	P1.3.Z.AN	01.3	C60E	1.1221	080A62	43D	1678	1060	XC60	C60	-	S58C
	P1.3.Z.AN	01.4	C101E	1.1274	060 A 96	-	1870	1095	XC 100	-	F-5117	-
	P1.3.Z.AN	01.4	C101u	1.1545	BW 1A	-	1880	W 1	Y105	C36KU	F-5118	SK 3
	P1.3.Z.AN	01.4	C105W1	-	BW2	-	2900	W210	Y120	C120KU	F.515	SUP4
	P1.3.Z.AN	02.1	S340 MGC	1.0961	-	-	-	9262	60SC7	60SiCr8	60SiCr8	-
	P1.4.Z.AN	01.1	11SMn30	1.0715	230M07	-	1912	1213	S250	CF9SMn28	11SMn28	SUM22
	P1.4.Z.AN	01.1	11SMnPb30	1.0718	-	-	1914	12L13	S250Pb	CF9SMnPb28	11SMnPb28	SUM22L
	P1.4.Z.AN	01.1	10SPb20	1.0722	-	-	-	-	10PbF2	CF10SPb20	10SPb20	-
	P1.4.Z.AN	01.1	11SMn37	1.0736	240M07	1B	-	1215	S 300	CF9SMn36	12SMn35	-
	P1.4.Z.AN	01.1	11SMnPb37	1.0737	-	-	1926	12L14	S300Pb	CF9SMnPb36	12SMnP35	-
	P1.4.Z.AN	01.2	35S20	1.0726	212M36	8M	1957	1140	35MF4	-	F210G	-
	P1.5.C.UT	01.1	GC16E	1.1142	030A04	1A	1325	1115	-	-	-	-
	Low-alloy steel											
	P2.1.Z.AN	02.1	16Mo3	1.5415	1501-240	-	2912	A204Gr.A	15D3	16Mo3KW	16Mo3	-
	P2.1.Z.AN	02.1	14Ni6	1.5622	-	-	-	A350LF5	16N6	14Ni6	15Ni6	-
	P2.1.Z.AN	02.1	21NiCrMo2	1.6523	805M20	362	2506	8620	20NCD2	20NiCrMo2	20NiCrMo2	SNCM220(H)
	P2.1.Z.AN	02.1	17CrNiMo6	1.6587	820A16	-	-	-	18NCD6	-	14NiCrMo13	-
	P2.1.Z.AN	02.1	15Cr3	1.7015	523M15	-	-	5015	12C3	-	-	SCr415(H)
	P2.1.Z.AN	02.1	55Cr3	1.7176	527A60	48	-	5155	55C3	-	-	SUP9(A)
	P2.1.Z.AN	02.1	15CrMo5	1.7262	-	-	2216	-	12CD4	-	12CrMo4	SCM415(H)
	P2.1.Z.AN	02.1	13CrMo4-5	1.7335	1501-620Gr27	-	-	A182 F11;F12	15CD3.5 15CD4.5	14CrMo4 5	14CrMo45	-
	P2.1.Z.AN	02.1	10CrMo9 10	1.7380	1501-622 Gr.31;45	-	2218	A182 F.22	12CD9, 10	12CrMo9, 10	TU.H	-
	P2.1.Z.AN	02.1	14MoV6 3	1.7715	1503-660-440	-	-	-	-	-	13MoCrV6	-
	P2.1.Z.AN	02.1	50CoMo4	1.7228	823M30	33	2512	-	-	653M31	-	-
	P2.1.Z.AN	02.2	14NiCr10	1.5732	-	-	-	3415	14NC11	16NiCr11	15NiCr11	SNC415(H)
	P2.1.Z.AN	02.2	14NiCr14	1.5752	655M13; A12	36A	-	3415;3310	12NC15	-	-	SNC815(H)
	P2.1.Z.AN	02.1/02.2	16MnCr5	1.7131	(527M20)	-	2511	5115	16MC5	16MnCr5	16MnCr5	-
	P2.1.Z.AN	02.1/02.2	34CrMo4	1.7220	708A37	19B	2234	4137;4135	35CD4	35CrMo4	34CrMo4	SCM432;SCCRM3
	P2.1.Z.AN	02.1/02.2	41CrMo4	1.7223	708M40	19A	2244	4140;4142	42CD4TS	41CrMo4	42CrMo4	SCM 440
	P2.1.Z.AN	02.1/02.2	42CrMo4	1.7225	708M40	19A	2244	4140	42CD4	42CrMo4	42CrMo4	SCM440(H)
	P2.1.Z.AN	03.11	14NiCrMo134	1.6657	832M13	36C	-	-	-	15NiCrMo13	14NiCrMo131	-
	P2.2.Z.AN	02.1	31CrMo12	1.8515	722 M 24	-	2240	-	30 CD 12	30CrMo12	F-1712	-
	P2.2.Z.AN	02.1	39CrMoV13 9	1.8523	897M39	40C	-	-	-	36CrMoV12	-	-
	P2.2.Z.AN	02.1	41CrS4	1.7039	524A14	-	2092	L1	-	105WCR 5	-	-
	P2.2.Z.AN	02.1	50NiCr13	1.2721	-	-	2550	L6	55NCV6	-	F-528	-
	P2.2.Z.AN	03.11	45WCrV7	1.2542	BS1	-	2710	S1	-	45WCrV8KU	45WCrSi8	-
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	36CrNiMo4	1.6511	816M40	110	-	9840	40NCD3	38NiCrMo4(KB)	35NiCrMo4	-
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	34CrNiMo6	1.6582	817M40	24	2541	4340	35NCD6	35NiCrMo6(KB)	-	-
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	34Cr4	1.7033	530A32	18B	-	5132	32C4	34Cr4(KB)	35Cr4	SCr430(H)
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	41Cr4	1.7035	530A40	18	-	5140	42C4	41Cr4	42Cr4	SCr440(H)
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	32CrMo12	1.7361	722M24	40B	2240	-	30CD12	32CrMo12	F.124.A	-
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	51CrV4	1.8159	735A50	47	2230	6150	50CV4	50CrV4	51CrV4	SUP10
	P2.2.Z.AN/P2.5.Z.HT	02.1/02.2	41CrAlMo7	1.8509	905M39	41B	2940	-	40CAD6, 12	41CrAlMo7	41CrAlMo7	-
	P2.3.Z.AN	02.1	100Cr6	1.3505	534A99	31	2258	52100	100C6	100Cr6	F.131	SUJ2

Material cross reference list

ISO	MC	CMC	Country Europe	Germany	Great Britain		Sweden	USA	France	Italy	Spain	Japan
			Standard									
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
P	P2.3.Z.AN/H1.2.Z.HA	02.1/02.2	105WCr6	1.2419	-	-	2140	-	105WC13	10WCr6	105WCr5	SKS31
	P2.3.Z.AN/H1.2.Z.HA	-	-	-	-	-	-	-	-	107WCr5KU	-	SKS2, SKS3
	P2.3.Z.AN/H1.2.Z.HA	02.1/02.2	-	1.2714	-	-	-	L6	55NCDV7	-	F.520.S	SKT4
	P2.3.Z.AN/H1.3.Z.HA	02.1/02.2	100Cr6	1.2067	BL3	-	-	L3	Y100C6	-	100Cr6	-
	P2.4.Z.AN	02.1	16MnCr5	1.7139	-	-	2127	-	-	-	-	-
	P2.5.Z.HT	02.1	16Mo5	1.5423	1503-245-420	-	-	4520	-	16Mo5	16Mo5	-
	P2.5.Z.HT	02.1	40NiCrMo8-4	1.6562	311-Type 7	-	-	8740	-	40NiCrMo2(KB)	40NiCrMo2	SNCM240
	P2.5.Z.HT	02.1	42Cr4	1.7045	-	-	2245	5140	-	-	42Cr4	SCr440
	P2.5.Z.HT	02.1	31NiCrMo14	1.5755	830 M 31	-	2534	-	-	-	F-1270	-
	P2.5.Z.HT	02.2	36NiCr6	1.5710	640A35	111A	-	3135	35NC6	-	-	SNC236
	P2.6.C.UT	02.1	22Mo4	1.5419	605A32	-	2108	8620	-	-	F520.S	-
	P2.6.C.UT	02.1/02.2	25CrMo4	1.7218	1717CDS110	-	2225	4130	25CD4	25CrMo4(KB)	AM26CrMo4	SCM420;SCM430
	P2.6.C.UT	06.2	-	-	-	-	2223	-	-	-	-	-
	High-alloy steel											
	P3.0.Z.AN	03.11	X210Cr12	1.2080	BD3	-	-	D3	Z200C12	X210Cr13KU X250Cr12KU	X210Cr12	SKD1
	P3.0.Z.AN	03.11	X43Cr13	1.2083	-	-	2314	-	-	-	-	-
	P3.0.Z.AN	03.11	X40CrMoV5 1	1.2344	BH13	-	2242	H13	Z40CDV5	X35CrMoV05KU X40CrMoV511KU	X40CrMoV5	SKD61
	P3.0.Z.AN	03.11	X100CrMoV5 1	1.2363	BA2	-	2260	A2	Z100CDV5	X100CrMoV51KU	X100CrMoV5	SKD12
	P3.0.Z.AN	03.11	X210CrW12	1.2436	-	-	2312	-	-	X215CrW12 1KU	X210CrW12	SKD2
	P3.0.Z.AN	03.11	X30WCrV9 3	1.2581	BH21	-	-	H21	Z30WCV9	X28W09KU X30WCrV9 3KU	X30WCrV9	SKD5
	P3.0.Z.AN	03.11	X165CrMoV 12	1.2601	-	-	2310	-	-	X165CrMoW12KU	X160CrMoV12	-
	P3.0.Z.AN	03.21	X155CrMoV12-1	1.2379	-	-	2736	HNV3	-	-	-	-
	P3.0.Z.HT	03.11	X8Ni9	1.5662	1501-509;510	-	-	ASTM A353	-	X10Ni9	XBNi09	-
	P3.0.Z.HT	03.11	12Ni19	1.5680	-	-	-	2515	Z18N5	-	-	-
	P3.1.Z.AN	03.11	S6-5-2	1.3343	4959BA2	-	2715	D3	Z40CSD10	15NiCrMo13	-	SUH3
	P3.1.Z.AN	03.13	-	-	BM 2	-	2722	M 2	Z85WDCV	HS 6-5-2-2	F-5603.	SKH 51
	P3.1.Z.AN	03.13	HS 6-5-2-5	1.3243	BM 35	-	2723	M 35	6-5-2-5	HS 6-5-2-5	F-5613	SKH 55
	P3.1.Z.AN	03.13	HS 2-9-2	1.3348	-	-	2782	M 7	-	HS 2-9-2	F-5607	-
	P3.2.C.AQ	06.33	G-X120Mn12	1.3401	Z120M12	-	2183	L3	Z120M12	XG120Mn12	X120Mn12	SCMnH/1
	Ferritic/martensitic stainless steel											
Steel	P5.0.Z.AN	05.11/	X10CrAL13	1.4724	403S17	-	-	405	Z10C13	X10CrAl12	F.311	SUS405
	P5.0.Z.AN	05.11/	X10CrAL18	1.4742	430S15	60	-	430	Z10CAS18	X8Cr17	F.3113	SUS430
	P5.0.Z.AN	05.11/	X10CrAL2-4	1.4762	-	-	2322	446	Z10CAS24	X16Cr26	-	SUH446
	P5.0.Z.AN	05.11/	X1CrMoTi18-2	1.4521	-	-	2326	S44400	-	-	-	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/	X6Cr13	1.4000	403S17	-	2301	403	Z6C13	X6Cr13	F.3110	SUS403
	P5.0.Z.AN/P5.0.Z.HT	-	X7Cr14	1.4001	-	-	-	-	-	-	F.8401	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/	X10Cr13	1.4006	410S21	56A	2302	410	Z10C14	X12Cr13	F.3401	SUS410
	P5.0.Z.AN/P5.0.Z.HT	05.11/	X6Cr17	1.4016	430S15	960	2320	430	Z8C17	X8Cr17	F3113	SUS430
	P5.0.Z.AN/P5.0.Z.HT	05.11/	X6CrAL13	1.4002	405S17	-	-	405	Z8CA12	X6CrAl13	-	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/	X20Cr13	1.4021	420S37	-	2303	420	Z20C13	X20Cr13	-	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/	X6CrMo17-1	1.4113	434S17	-	2325	434	Z8CD17.01	X8CrMo17	-	SUS434
	P5.0.Z.HT	03.11	X45CrS9-3-1	1.4718	401S45	52	-	HW3	Z45CS9	X45GrSi8	F322	SUH1
	P5.0.Z.HT	05.11/	X85CrMoV18-2	1.4748	443S65	59	-	HNV6	Z80CSN20.0	X80CrSiNi20	F.320B	SUH4
	P5.0.Z.HT	05.11/	X20CrMoV12-1	1.4922	-	-	2317	-	-	X20CrMoNi 12 01	-	-
	P5.0.Z.PH	05.11/	X12CrS13	1.4005	416 S 21	-	2380	416	Z11CF13	X12 CrS 13	F-3411	SUS 416
	P5.0.Z.PH	05.11/	X46Cr13	1.4034	420S45	56D	2304	-	Z40CM	X40Cr14	F.3405	SUS420J2
	P5.0.Z.PH	05.11/	X19CrNi17-2	1.4057	431S29	57	2321	431	Z15CNi6.02	X16CrNi16	F.3427	SUS431
	P5.0.Z.PH	05.12/	X5CrNiCuNb16-4	1.4542 1.4548	-	-	-	630	Z7CNU17-04	-	-	-
	P5.0.Z.PH	15.21	X4 CrNiMo16-5	1.4418	-	-	2387	-	Z6CND16-	-	-	-
	P5.1.Z.AN/P5.0.Z.HT	05.11/	X14CrMoS17	1.4104	-	-	2383	430F	Z10CF17	X10CrS17	F.3117	SUS430F
					Trade names							
	P2.1.Z.AN	02.1			OVAKO 520M (Ovako Steel)							
	P2.2.Z.AN	02.1		1.0045	FORMAX (Uddeholm Tooling)							
	P2.2.Z.AN	02.1			IMACRO NIT (Imatra Steel)							
	P2.5.Z.HT	02.2			INEXA 482 (XM) (Inexa Profil)							
	P1.2.Z.AN				S355J2G3(XM)							
	P1.2.Z.AN				C45(XM)							
	P1.2.Z.AN				16MnCrS5(XM)							
	P2.5.Z.HT				INEXA280(XM)							
	P2.5.Z.HT	02.2			070M20(XM)							
	P2.5.Z.HT	02.2			HARDOX 500 (SSAB – Swedish Steel Corp.)							
	P2.5.Z.HT				WELDOX 700 (SSAB – Swedish Steel Corp.)							

Material cross reference list

ISO	MC	CMC	Country Europe	Germany	Great Britain		Sweden	USA	France	Italy	Spain	Japan
			Standard DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
M	**Austenitic stainless steel**											
Stainless steel	M1.0.Z.AQ	05.11/15.11	X3CrNiMo13-4	1.4313	425C11	-	2385	CA6-NM	Z4CND13.4M Z38C13M	(G)X6CrNi304	-	SCS5
	M1.0.Z.AQ/M1.0.C.UT	05.11/15.11	X53CrMnNiN21-9	1.4871	349S54	-	-	EV8	Z52CMN21.09	X53CrMnNiN21 9	-	SUH35, SUH36
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiN18-10	1.4311	304S62	-	2371	304LN	Z2CN18.10	-	-	SUS304LN
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMoN17-13-3	1.4429	-	-	2375	316LN	Z2CND17.13	-	-	SUS316LN
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMo17-12-2	1.4404	316S13	-	2348	316L	Z2CND17-12	X2CrNiMo1712	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMo18-14-3	1.4435	316S13	-	2353	316L	Z2CND17.12	X2CrNiMo17 12	-	SCS16, SUS316L
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X3CrNiMo17-3-3	1.4436	316S33	-	2343,	316	Z6CND18-12-03	X8CrNiMo1713	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMo18-15-4	1.4438	317S12	-	2367	317L	Z2CND19.15	X2CrNiMo18 16	-	SUS317L
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X6CrNiNb18-10	1.4550	347S17	58F	2338	347	Z6CNNb18.10	X6CrNiNb18 11	F.3552 F.3524	SUS347
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X6CrNiMoTi17-12-2	1.4571	320S17	58J	2350	316Ti	Z6NDT17.12	X6CrNiMoTi17 12	F.3535	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X10CrNiMoNb 18-12	1.4583	-	-	-	318	Z6CNDNb17 13B	X6CrNiMoNb17 13	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X15CrNiSi20-12	1.4828	309S24	-	-	309	Z15CNS20.12	-	-	SUH309
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMoN17-11-2	1.4406	301S21	58C	2370	308	Z1NCDU25.20	-	F.8414	SCS17
	M1.0.Z.AQ	05.21/15.21	X1CrNiMoCuN20-18-7	1.4547	-	-	2378	S31254	Z1CNDU20-18-06AZ	-	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X9CrNi18-8	1.4310	-	-	2331	301	Z12CN17.07	X12CrNi17 07	F.3517	SUS301
	M1.0.Z.PH	05.22/15.22	X7CrNiAL17-7	1.4568 1.4504	316S111	-	-	17-7PH	Z8CNA17-07	X2CrNiMo1712	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNi19-11	1.4306	304S11 304S12	-	2352	304L	Z2CN18-10	X2CrNi18 11	-	-
	M1.1.Z.AQ	05.21/15.21	-	-	304S31	58E	2332,	304	Z6CN18.09	X5CrNi18 10	F.3504 F.3541	SUS304
	M1.1.Z.AQ	05.21/15.21	X5CrNi18-10	1.4301	304S15	58E	2332	304	Z6CN18.09	X5CrNi18 10	F.3551	SUS304
	M1.1.Z.AQ	05.21/15.21	X5CrNiMo17-2-2	1.4401	316S16	58J	2347	316	Z6CND17.11	X5CrNiMo17 12	F.3543	SUS316
	M1.1.Z.AQ	05.21/15.21	X6CrNiTi18-10	1.4541	321S12	58B	2337	321	Z6CNT18.10	X6CrNiTi18 11	F.3553 F.3523	SUS321
	M1.2.Z.AQ	05.21/15.21	X8CrNiS18-9	1.4305	303S21	58M	2346	303	Z10CNF 18.09	X10CrNiS 18.09	F.3508	SUS303
	Super austenitic (Ni>20%) stainless steel											
	M2.0.C.AQ	20.11	G-X40NiCrSi36-18	1.4865	330C11	-	-	-	-	XG50NiCr39 19	-	SCH15
	M2.0.Z.AQ	05.21/15.21	X1NiCrMoCu25-20-5	1.4539	-	-	2562	UNS V 0890A	Z2 NCDU25-20	-	-	-
	M2.0.Z.AQ	05.21/15.21	X8CrNi25-21	1.4845	310S24	-	2361	310S	Z12CN25 20	X6CrNi25 20	F.331	SUH310
	M2.0.Z.AQ	20.11	X12NiCrSi36 16	1.4864	-	-	-	330	Z12NCS35.16	F-3313	-	SUH330
	M2.0.Z.AQ	05.23/15.23	X1NiCrMoCu31-27-4	1.4563	-	-	2584	NO8028	Z1NCDU31-27-03	-	-	-
	Duplex (austenitic/ferritic) stainless steel											
	M3.1.Z.AQ/M3.1.C.AQ	05.51/15.51	X2CrNiN23-4	1.4362	-	-	2376	S31500	-	-	-	-
	M3.1.Z.AQ/M3.1.C.AQ	05.51/15.51	X8CrNiMo27-5	-	-	-	2324	S32900	-	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	05.52/15.52	X2CrNiN23-4	-	-	-	2327	S32304	Z2CN23-04AZ	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	05.52/15.52	-	-	-	-	2328	-	-	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	05.52/15.52	X2CrNiMoN22-53	-	-	-	2377	S31803	Z2CND22-05-03	-	-	-

			Trade names	
M1.1.Z.AQ	05.21/15.21		SANMAC 304 (Sandvik Steel)	
M1.1.Z.AQ	05.21/15.21	1.0045	SANMAC 304L (Sandvik Steel)	
M1.1.Z.AQ	05.21/15.21		SANMAC 316 (Sandvik Steel)	
M1.1.Z.AQ	05.21/15.21		SANMAC 316L (Sandvik Steel)	
M1.0.Z.AQ	05.23/15.23		254 SMO	
M2.0.Z.AQ	05.23/15.23		654 SMO	
M3.2.Z.AQ	05.52/15.52		SANMAC SAF 2205 (Sandvik Steel)	
M3.2.Z.AQ	05.52/15.52		SANMAC SAF 2507 (Sandvik Steel)	

Material cross reference list

ISO	MC	CMC	Country / Europe	Germany	Great Britain		Sweden	USA	France	Italy	Spain	Japan
			Standard									
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
K	**Malleable cast iron**											
	K1.1.C.NS	07.1	-	-	8 290/6	-	0814	-	MN 32-8	-	-	FCMB310
	K1.1.C.NS	07.1	EN-GJMB350-10	0.8135	B 340/12	-	0815	32510	MN 35-10	-	-	FCMW330
	K1.1.C.NS	07.2	EN-GJMB450-6	0.8145	P 440/7	-	0852	40010	Mn 450	GMN 45	-	FCMW370
	K1.1.C.NS	07.2	EN-GJMB550-4	0.8155	P 510/4	-	0854	50005	MP 50-5	GMN 55	-	FCMP490
					P 570/3		0858	70003	MP 60-3			FCMP540
	K1.1.C.NS	07.2	EN-GJMB650-2	0.8165	P570/3	-	0856	A220-70003	Mn 650-3	GMN 65	-	FCMP590
	K1.1.C.NS	07.3	EN-GJMB700-2	0.8170	P690/2	-	0862	A220-80002	Mn700-2	GMN 70	-	FCMP690
	Gray cast iron											
	K2.1.C.UT	08.1	-	-	-	-	0100	-	-	-	-	-
	K2.1.C.UT	08.1	EN-GJL-100	0.6010	-	-	0110	No 20 B	Ft 10 D	-	-	FC100
	K2.1.C.UT	08.1	EN-GJL-150	0.6015	Grade 150	-	0115	No 25 B	Ft 15 D	G 15	FG 15	FC150
	K2.1.C.UT	08.1	EN-GJL-200	0.6020	Grade 220	-	0120	No 30 B	Ft 20 D	G 20	-	FC200
	K2.1.C.UT	08.2	EN-GJL-250	0.6025	Grade 260	-	0125	No 35 B	Ft 25 D	G 25	FG 25	FC250
	K2.1.C.UT	08.2	EN-JLZ	0.6040	Grade 400	-	0140	No 55 B	Ft 40 D	-	-	-
	K2.2.C.UT	08.2	EN-GJL-300	0.6030	Grade 300	-	0130	No 45 B	Ft 30 D	G 30	FG 30	FC300
	K2.2.C.UT	08.2	EN-GJL-350	0.6035	Grade 350	-	0135	No 50 B	Ft 35 D	G 35	FG 35	FC350
	K2.3.C.UT	08.3	GGL-NiCr20-2	0.6660	L-NiCuCr202	-	0523	A436 Type 2	L-NC 202	-	-	-
	Nodular cast iron											
Cast iron	K3.1.C.UT	09.1	EN-GJS-400-15	0.7040	SNG 420/12	-	0717-02	60-40-18	FCS 400-12	GS 370-17	FGE 38-17	FCD400
	K3.1.C.UT	09.1	EN-GJS-400-18-LT	0.7043	SNG 370/17	-	0717-12	-	FGS 370-17	-	-	-
	K3.1.C.UT	09.1	EN-GJS-350-22-LT	0.7033	-	-	0717-15	-	-	-	-	-
	K3.1.C.UT	09.1	EN-GJS-800-7	0.7050	SNG 500/7	-	0727	80-55-06	FGS 500-7	GS 500	FGE 50-7	FCD500
	K3.2.C.UT	09.2	EN-GJS-600-3	0.7060	SNG 600/3	-	0732-03	-	FGS 600-3	-	-	FCD600
	K3.3.C.UT	09.2	EN-GJS-700-2	0.7070	SNG 700/2	-	0737-01	100-70-03	FGS 700-2	GS 700-2	FGS 70-2	FCD700
	K3.5.C.UT	-	EN-GJSA-XNiCr20-2	0.7660	Grade S6	-	0776	A43D2	S-NC 202	-	-	-
	Compacted graphite iron											
	K4.1.C.UT	-	EN-GJV-300									
	K4.1.C.UT	-	EN-GJV-350									
	K4.2.C.UT	-	EN-GJV-400									
	K4.2.C.UT	-	EN-GJV-450									
	K4.2.C.UT	-	EN-GJV-500									
	Austempered ductile iron											
	K5.1.C.NS	-	EN-GJS-800-8	-	-	-	-	ASTM A897 No. 1	-	-	-	-
	K5.1.C.NS	-	EN-GJS-1000-5	-	-	-	-	ASTM A897 No. 2	-	-	-	-
	K5.2.C.NS	-	EN-GJS-1200-2	-	-		-	ASTM A897 No. 3	-	-	-	-
	K5.2.C.NS	-	EN-GJS-1400-1	-	-	-	-	ASTM A897 No. 4	-	-	-	-
	K5.3.C.NS	-	-	-	-	-	-	ASTM A897 No. 5	-	-	-	-

Material cross reference list

ISO	MC	CMC	Country Europe	Germany	Great Britain		Sweden	USA	France	Italy	Spain	Japan
			Standard									
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
N	**Aluminum based alloys**											
Non-ferrous metals	N1.3.C.AG	30.21	G-AlSI9MGWA	3.2373	-	-	4251	SC64D	A-S7G	-	-	C4BS
	N1.3.C.UT	30.21	G-ALMG5	-	LM5	-	4252	GD-AlSI12	A-SU12	-	-	AC4A
	N1.3.C.UT/N1.3.C.AG	30.21/30.22	-	-	LM25	-	4244	356.1	-	-	-	A5052
	N1.3.C.UT	-	GD-AlSi12	-	-	-	4247	A413.0	-	-	-	A6061
	N1.3.C.AG	-	GD-AlSi8Cu3	-	LM24	-	4250	A380.1	-	-	-	A7075
	N1.3.C.UT	-	G-AlSi12(Cu)	-	LM20	-	4260	A413.1	-	-	-	ADC12
	N1.3.C.UT	-	G-AlSi12	-	LM6	-	4261	A413.2	-	-	-	-
	N1.3.C.AG	-	G-AlSi10Mg(Cu)	-	LM9	-	4253	A360.2	-	-	-	-
S	**Nickel based alloys**											
Heat resistant super alloys	S2.0.Z.AG	20.22	S-NiCr13A16MoNb	LW2 4670	mar-46	-	-	5391	NC12AD	-	-	-
	S2.0.C.UT	20.24	NiCo15Cr10MoAlTi	LW2 4674	-	-	-	AMS 5397	-	-	-	-
	S2.0.Z.AG	20.22	NiFe35Cr14MoTi	LW2.4662	-	-	-	5660	ZSNCDT42	-	-	-
	S2.0.Z.AG	20.22	NiCr19Fe19NbMo	LW2.4668	HR8	-	-	5383	NC19eNB	-	-	-
	S2.0.Z.AG	20.22	NiCr20TiAk	2.4631	Hr401.601	-	-	-	NC20TA	-	-	-
	S2.0.Z.AG	20.22	NiCr19Co11MoTi	2.4973	-	-	-	AMS 5399	NC19KDT	-	-	-
	S2.0.Z.AG	20.22	NiCr19Fe19NbMo	LW2.4668	-	-	-	AMS 5544	NC20K14	-	-	-
	S2.0.Z.AN	20.21	-	2.4603	-	-	-	5390A	NC22FeD	-	-	-
	S2.0.Z.AN	20.21	NiCr22Mo9Nb	2.4856	-	-	-	5666	NC22FeDNB	-	-	-
	S2.0.Z.AN	20.21	NiCr20Ti	2.4630	HR5.203-4	-	-	-	NC20T	-	-	-
	S2.0.Z.AG	20.22	NiCu30AL3Ti	2.4375	3072-76	-	-	4676	-	-	-	-
	Cobalt base											
	-	-	CoCr20W15Ni	-	-	-	-	5537C, AMS	KC20WN	-	-	-
	S3.0.Z.AG	20.32	CoCr22W14Ni	LW2.4964	-	-	-	5772	KC22WN	-	-	-
	Titanium alloys											
	S4.2.Z.AN	23.22	TiAl5Sn2.5	3.7115.1	TA14/17	-	-	UNS R54520	T-A5E UNS R56400	-	-	-
	S4.2.Z.AN	23.22	TiAl6V4	3.7165.1	TA10-13/TA28	-	-	UNS R56401	T-A6V	-	-	-
	S4.3.Z.AN	23.22	TiAl5V5Mo5Cr3	-	-	-	-	-	-	-	-	-
	S4.2.Z.AN	23.22	TiAl4Mo4Sn4Si0.5	3.7185	-	-	-	-	-	-	-	-
			Trade names									
			Iron-based alloys									
	S2.0.Z.UT/S2.0.Z.AN	20.11	Incoloy 800									
			Nickel based alloys									
	S2.0.Z.AN	20.2	Haynes 600									
	S2.0.Z.AN	20.2	Nimocast PD16									
	S2.0.Z.AG	20.2	Nimonic PE 13									
	S2.0.Z.AG	20.2	Rene 95									
	S2.0.Z.AN	20.21	Hastelloy C									
	S2.0.Z.AN	20.21	Incoloy 825									
	S2.0.Z.AN	20.21	Inconel 600									
	S2.0.Z.AN	20.21	Monet 400									
	S2.0.Z.AG	20.22	Inconel 700									
	S2.0.Z.AG	S2.0.Z.AG	Inconel 718									
	S2.0.Z.AG	20.22	Mar – M 432									
	S2.0.Z.AG	20.22	Nimonic 901									
	S2.0.Z.AG	20.22	Waspaloy									
	S2.0.C.NS	20.24	Jessop G 64									
			Cobalt base									
	S3.0.Z.AG	20.3	Air Resist 213									
	S3.0.Z.AG	20.3	Jetalloy 209									
H	**Hardened materials**											
Hardened materials	H1.2.Z.HA	04.1	X100CrMo13	1.4108	-	-	2258 08	440A	-	-	-	C4BS
	H1.3.Z.HA	04.1	X110CrMoV15	1.4111	-	-	2534 05	610	-	-	-	AC4A
	H1.2.Z.HA	04.1	X65CrMo14	-	-	-	2541 06	0-2	-	-	-	AC4A

For the sake of the environment

Get into the Coromant Recycling Concept (CRC) now!

The Coromant Recycling Concept (CRC) is a comprehensive service for used carbide inserts (including CBN and PCD if “carrier” is cemented carbide) and solid carbide tools offered by Sandvik Coromant to all its customers.
In the light of increasing consumption of non-renewable raw materials, the economic management of dwindling resources is a duty owed by all manufacturers.
Sandvik Coromant is playing its part by offering to collect used carbide inserts and solid carbide tools and recycle them in the most environmentally friendly way.
All used hard-metal inserts are collected in the collection box at the workplace.
When the collection box is sufficiently full, its contents are transferred to the transport box.
The full transport box is then sent to the nearest Sandvik Coromant office or to your Coromant dealer who can also give you more information.



The benefits of the CRC speak for themselves

- A one-stop worldwide recycling system.
- For direct and trade customers.
- Simple procedure with collection and transport boxes.
- Less waste, easing the burden on the environment.
- Better utilisation of resources.
- Other manufacturers' carbide inserts are also accepted.

Order collection boxes for each lathe, milling machine, drill or for your machining center. We recommend one collection box for inserts and one separate box for solid carbide tools for each cutting workplace.

	Order numbers
Collection box:	91617
Transport box for solid carbide tools (wooden):	92994
Transport box inserts (wooden):	92995

Safety information

Safety information in connection with grinding of cemented carbide

Material compositon

Tool holders

Tool holders mainly contain iron (FE), and low alloy elements such as chromium, nickel, manganese, molybdenum and silicon.

Indexable inserts/cutting tools/round tools

Substances in cemented carbide products contain mostly wolfram carbide and cobalt. They may also contain carbides and carbonitrides of the following elements: titanium, tantalum, niobium, chromium, molybdenum and vanadium.

Routes of exposure

Grinding or heating of hard metal blanks or hard metal products will produce dust or fumes with dangerous ingredients that can be inhaled, swallowed or come in contact with the skin or eyes.

Acute toxicity

The dust is toxic by inhalation. Inhalation may cause irritation and inflammation of the airways. Significantly higher acute inhalation toxicity has been reported during simultaneous inhalation of cobalt and tungsten carbide compared to inhalation of cobalt alone.
Skin contact can cause irritation and rash. Personnel whose skin is sensitive may experience an allergic reaction.

Chronic toxicity

Repeated inhalation of aerosols containing cobalt may cause obstruction in the airways. Prolonged inhalation of increased concentrations may cause lung fibrosis or lung cancer. Epidemiological studies indicate that workers exposed in the past to high concentrations of tungsten carbide/cobalt carried an increased risk of developing lung cancer.
Cobalt and nickel are potent skin sensitizers. Repeated or prolonged contact can cause irritation.

Risk phrases

Toxic: danger of serious damage to health by prolonged exposure through inhalation
Toxic by inhalation
Limited evidence of a carcinogenic effect.
May cause sensitization by inhalation and skin contact

Preventive measures

Avoid formation and inhalation of dust. Use adequate local exhaust ventilation to keep personal exposure well below the nationally authorised limits.
• If ventilation is not available or adequate, use respirators nationally approved for the purpose.
Use safety goggles or glasses with side shields when necessary.
Avoid repeated skin contact. Wear suitable gloves. Wash skin thoroughly after handling.
Use suitable protective clothing. Launder clothing as needed.
Do not eat, drink or smoke in the working area. Wash skin thoroughly before eating, drinking or smoking.



Conversion table

B

Metric to imperial

Distance

1 meter = 39.370 inch
1 meter = 3.281 feet
1 millimeter = 0.039 inch

Weight

1 kilogram = 2.205 pounds
1 kilogram = 35.274 ounces

C

Torque

1 Newton meter (Nm) = 0.738 pound-force feet (ft-lbs)

1 Newton meter (Nm) = 8.851 pound-force inches (in-lbs)

Imperial to metric

Distance

1 inch = 25.4 millimeter
1 foot = 0.3 meter
1 foot = 304.8 millimeter

Weight

1 pound = 0.45 kilogram
1 ounce = 28.35 gram

Torque

1 pound-force foot (ft-lbf) = 1.4 Newton meter (Nm)

1 pound-force inch (in-lbf) = 0.1 Newton meter (Nm)

Formulas and definitions:

D

	Metric	**Imperial**
v_c = Cutting speed	m/min (meter/minute)	ft/min (feet/minute)
n = Spindle speed	rpm (revolution per minute)	
v_f = table feed	mm/min	inch/min
z_n = total number of cutting edges		
z_c = number of effective cutting edges		
f_z = feed per tooth	mm/z	inch/z
E f_n = Feed per revolution	mm/rev	inch/rev
h_{ex} = maximum thickness	mm	inch
a_p = Cutting depth	mm	inch
l_a = insert width	mm	inch
a_e = cutting width	mm	inch
a_e/D_c % = Radial immersion	%	%
T = Machining time	min	min
F Q = Metal removal rate	cm^3/min	$inch^3$/min
nap = number of passes		
TPI = threads per inch		
k_c = specific cutting force	N/mm^2	lbs/in^2
R_a = Surface roughness	µm	µin

G

Insert size

iC = inscribed circle in inch

△ = cutting edge length in mm

H

A new standard is developed

ISO 13399 is an international standard that strives to simplify the exchange of data for cutting tools. You will notice a slight difference through the new parameters and descriptions of each tool.

For the first time ever, there is a standardized way of describing product data regarding cutting tools. When all tools in the industry share the same parameters and definitions, communicating tool information between software systems becomes very straightforward.

How this benefits you

Basically, it means that your systems can talk to ours, as they all speak the same language. Download product data from our web site and use it directly in your CAD/ CAM software to assemble tools that you use in production. No need to look for information in catalogs and interpret data from one system to another. Imagine how much time this will save you!

Short name	Preferred Name
ADJLX	Maximum adjustment limit
ADJRG	Adjustment range
ALP	Axial clearance angle
AN	Clearance angle major
ANN	Minor clearance angle
APMX	Depth of cut maximum
B	Shank width
BAWS	Workpiece side body angle
BAMS	Body angle machine side
BBD	Balanced by design
BBR	Balanced by rotational test
BCH	Corner chamfer length
BD	Body diameter
BHTA	Body half taper angle
BN	Face land width
BS	Wiper edge length
BSG	Basic standard group
BSR	Wiper edge radius
CDX	Cutting depth maximum
CF	Spot chamfer
CHBA	Chamfer body angle
CHBL	Chamfer body length
CHW	Corner chamfer width
CHWL	Corner chamfer width, left hand
CHWR	Corner chamfer width, right hand
CICT	Cutting item count
CND	Coolant entry diameter
CNSC	Coolant entry style code
CNT	Coolant entry thread size
COATING	Coating
CP	Max coolant pressure
CRKS	Connection retention knob thread size
CRNT	Coolant radial entry thread size
CTPT	Operation type
CUTDIA	Work piece parting diameter maximum
CW	Cutting width
CWN	Minimum cutting width
CWTOLL	Cutting width lower tolerance
CWTOLU	Cutting width upper tolerance
CWX	Cutting width maximum
CXSC	Coolant exit style code
CZC	Connection size code
CZC_{MS}	Connection size code machine side
CZC_{WS}	Connection size code workpiece side
D1	Fixing hole diameter
DAH	Diameter access hole
DAXIN	Axial groove inside diameter minimum
DAXN	Minimum axial-groove outside diameter
DAXX	Maximum axial groove outside diameter
DBC	Diameter bolt circle

DC	Cutting diameter
DCB	Connection bore diameter
DCBN	Connection bore diameter minimum
DCBX	Connection bore diameter maximum
DCF	Cutting diameter face contact
DCN	Minimum cutting diameter
DCON	Connection diameter
$DCON_{MS}$	Connection diameter machine side
$DCON_{WS}$	Connection diameter work piece side
$DCSF_{MS}$	Contact surface diameter machine side
$DCSF_{WS}$	Workpiece side contact surface diameter
DCX	Maximum cutting diameter
DIX	Maximum tool changer interference diameter
DMIN	Minimum bore diameter
DMM	Shank diameter
DN	Neck diameter
DSGN	Design
EPSR	Insert included angle
FHA	Flute helix angle
FLGT	Flange thickness
FTDZ	For thread diameter size
GB	Face land angle
H	Shank height
HA	Thread height theoretical
HB	Thread height difference
HBH	Head bottom offset height
HBL	Head bottom offset length
HC	Actual thread height
HF	Functional height
HRY	Lowest point from reference plain
HTB	Body height
HTH	Height
IC	Inscribed circle diameter
INSL	Insert length
INSUC	Insert usage code
IZC	Insert size code
KAPR	Tool cutting edge angle
KCH	Corner chamfer
KCHL	Corner chamfer, left hand
KCHR	Corner chamfer, right hand
KRINS	Major cutting-edge angle
KWW	Keyway width
L	Cutting edge length
LAMS	Inclination angle
LB	Body length
LCF	Chip flute length
LCOX	Cut off length maximum
LE	Cutting edge effective length
LF	Functional length
LH	Head length
LPR	Protruding length
LS	Shank length
LSC	Clamping length
LSCN	Minimum clamping length
LSCS	Distance to clamping start
LSCX	Maximum clamping length
LSD	Dead shank length
LU	Usable length (max. recommended)
LUX	Usable maximum length
MHD	Mounting hole distance
MIID	Master insert identification
MMCC	Code for preset torque
MMCX	Max cutting torque
NOF	Flute count
NT	Tooth count
OAH	Overall height
OAL	Overall length
OAW	Overall width
OH	Overhang recommended
OHN	Minimum overhang
OHX	Maximum overhang
ORDCODE	Order code

PCL	Peripheral cylindrical length
PDX	Profile distance ex
PDY	Profile distance ey
PHD	Premachined hole diameter
PHDX	Maximum premachined hole diameter
PL	Point length
PNA	Profile included angle
PRFRAD	Profile radius
PRSPC	Profile specification
PSIR	Tool lead angle
PSIRL	Major left hand cutting edge angle
PSIRR	Major right hand cutting edge angle
RADH	Radial body height
RADW	Radial body width
RAR	Right-hand relief angle
RE	Corner radius
REEQ	Corner radius equivalent
REL	Corner radius left
RER	Corner radius right
RETOLL	Corner radius lower tolerance
RETOLU	Corner radius upper tolerance
RGL	regrind length
RMPX	Maximum ramping angle
RPMX	Rotational speed maximum
S	Insert thickness
SDL	Step diameter length
SIG	Point angle
SPTL	Split line
SSC	Insert seat size code
STA	Step included angle
STDNO	Standard number
SUBSTRATE	Substrate
TCDC	Tolerance class cutting diameter
TCDMM	Shank diameter tolerance
TCHA	Achievable hole tolerance
TCHAL	Achievable hole tolerance lower
TCHAU	Achievable hole tolerance upper
TCT	Tolerance class tool
TCTR	Thread tolerance class
TD	Thread diameter
TDZ	Thread diameter size
TFLA	Tap floating length ahead
TFLB	Tap floating length behind
TG	Taper gradient
THCA	Thread helix correction angle
THCHT	Threading chamfer type
THFT	Thread form type
THFTS	Thread form standard series
THL	Thread length
THUB	Hub thickness
TP	Thread pitch
TPI	Threads per inch
TPIN	Minimum threads per inch
TPIX	Maximum threads per inch
TPN	Minimum thread pitch
TPX	Maximum thread pitch
TQ	Torque
TSYC	Tool style code
TTP	Thread type
ULDR	Usable length diameter ratio
VCX	Maximum cutting speed
W1	Insert width
WB	Body width
WF	Functional width
WFCIRP	Width to cutting item reference point
WSC	Clamping width
WT	Weight of item
ZEFF	Face effective cutting edge count
ZEFP	Peripheral effective cutting edge count (ZEFP)
ZWX	Maximum number of Wiper inserts

Code	Page
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132L	G6
132L..-B	G5
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254R/LKF	B133
254R/LKF-R	B133
266LG..AC..F	C44
266LG..MJ..A	C40
266LG..MM..A	C14
266LG..NT..A	C32
266LG..PT..A	C35
266LG..RN..A	C38
266LG..SA..F	C46
266LG..TR..F	C42
266LG..UN..A	C22
266LG..VM..A	C7
266LG..VW..A	C9
266LG..WH..A	C28
266LL..AC..F	C45
266LL..MM..A	C18
266LL..NT..A	C34
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266LL..SA..A	C47
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266RG..BU..A	C50
266RG..MJ..A	C40
266RG..MM..A	C11-C13
266RG..MM..C	C11
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266RG..VM..A	C7
266RG..VM..C	C7
266RG..VM..F	C7
266RG..VW..A	C9
266RG..VW..C	C9
266RG..VW..F	C9
266RG..WH..A	C26,C27
266RG..WH..C	C26
266RG..WH..F	C26
266RL..AC..A	C45
266RL..AC..F	C45
266RL..BU..A	C50
266RL..MM..A	C15-C17
266RL..MM..C	C15
266RL..MM..F	C15
266RL..NF..A	C37
266RL..NT..A	C33
266RL..NT..C	C33
266RL..NT..F	C33
266RL..PT..A	C36
266RL..RD..A	C49
266RL..RD..C	C49
266RL..RN..A	C39
266RL..RN..F	C39
266RL..SA..A	C47
266RL..TR..F	C43
266RL..UN..A	C23,C24
266RL..UN..C	C23
266RL..UN..F	C23
266RL..V38..A	C48
266RL..V40..A	C48
266RL..V50..A	C48
266RL..VM..A	C8
266RL..VM..C	C8
266RL..VM..F	C8
266RL..VW..A	C10
266RL..VW..C	C10
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266RL..WH..F	C29
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5693 066	G9
5693 067	G9
5693 068	G9
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