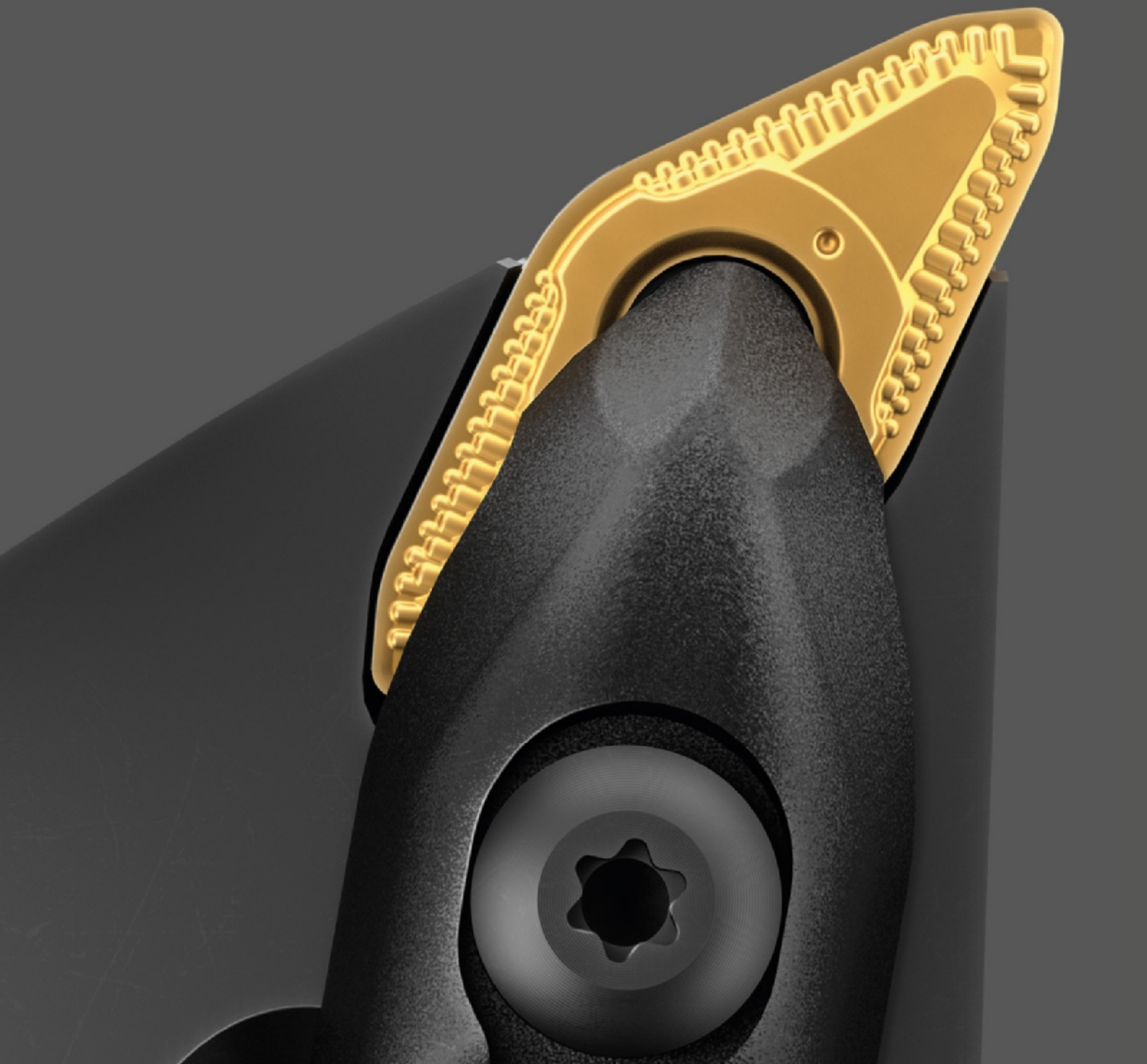
SANDVIK Coromant

2017

Turning tools

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



Let us introduce our new catalogues

The catalogue consists of three volumes: Turning tools, Rotating tools and Solid round tools. In total, over 30,000 standard products are presented.

Turning tools – General Turning, Parting and Grooving, Thread Turning, Multifunctional tools, Tool holding and Turning tool adaptors

Rotating tools – Milling, Drilling, Boring and Rotating tool adaptors

Solid Round Tools – Milling, Drilling, Tapping and Reaming

Use the product overviews in the beginning of each chapter to find your area of interest, and a reference will take you to the actual product page. References at the bottom of each product page will guide you to related products and information, such as holders, inserts and cutting data.

Our total offer of approximately 50,000 standard products can be found at **www.sandvik.coromant.com**. If your requirements are particularly demanding, we have a wide range of products that can be tailored upon your request.

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	Adaptors	Tool holders
CoroTurn®SL adaptors	Accessories	Cutting data	Grade description	Geometry description
Parameter explanation	Tailor Made	Code key	Coolant information	Information

First choice	
Good choice	Our first choice recommendation is a good starting point for most operations, from which you can choose a grade with other attributes if needed.
Not available	

A General turning

B Parting and grooving

C Thread turning

D Multifunctional tools

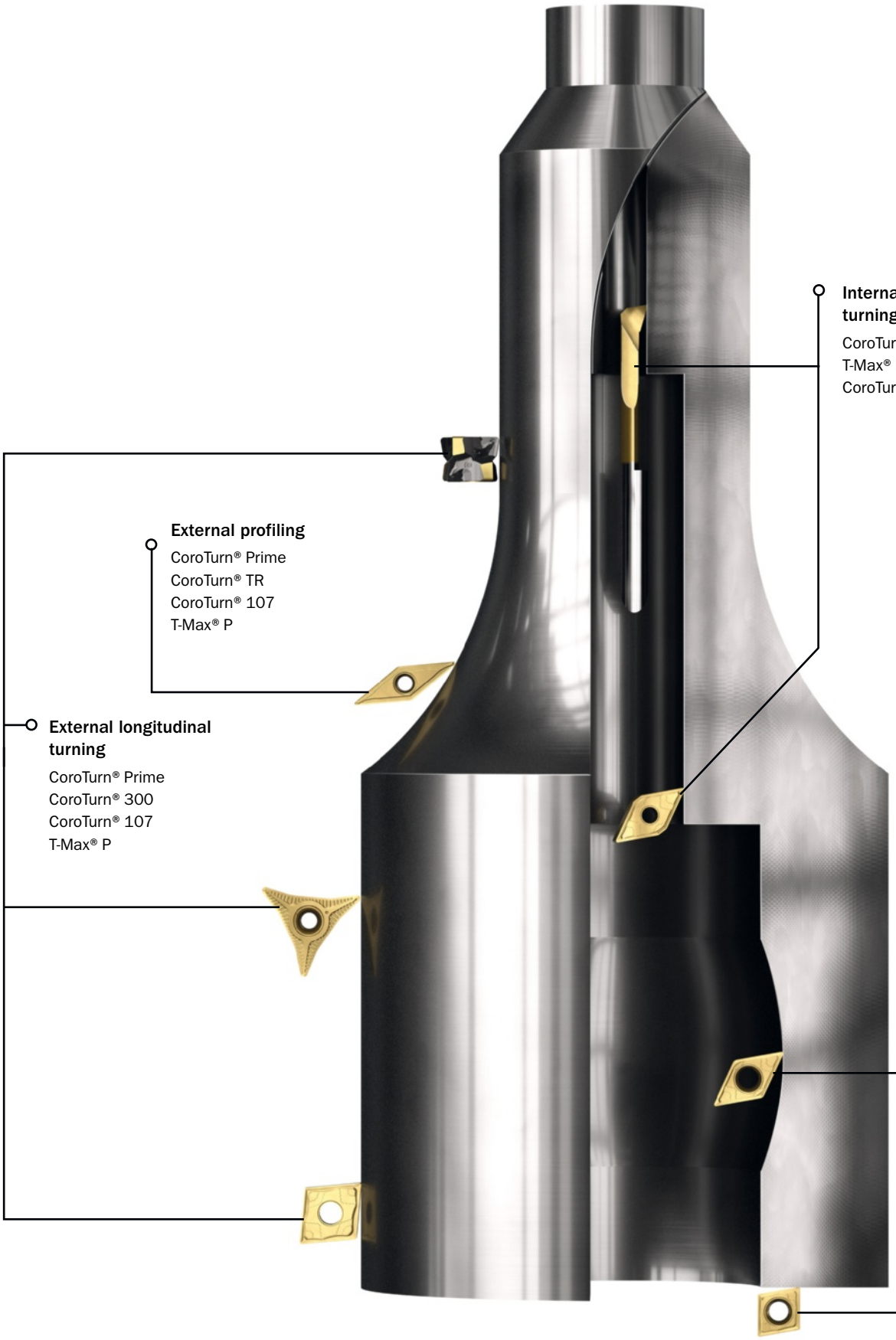
E Tool holding

F Turning tool adaptors

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
CoroTurn® 107	X	X	Medium to finishing	X		X	X	Ø6-80 mm
T-Max® P	X	X	Roughing to finishing	X	X	X		Ø>50 mm
T-Max®	X	X	Roughing to finishing		X	X	X	Ø>32 mm
T-Max® S	X		Roughing to finishing		X	X	X	
CoroTurn® XS		X	Finishing	X		X		Ø0,3-10 mm
CoroCut® XS	X		Finishing	X				

CoroTurn® Prime A4
Inserts A5
External tools A6-A11

CoroTurn® 300 A12
Inserts A13
External tools A14-A15

CoroTurn® TR A16
Inserts A17-A18
External tools A19-A28
Internal tools A29-A33

CoroTurn® 107 A34
Inserts A35-A52
External tools A53-A77
Internal tools A78-A136

T-Max® P A137
Inserts A138-A161
External tools A162-A199
Internal tools A200-A224

T-Max® and T-Max® S A225
Inserts A226-A232
External tools A233-A250
Internal tools A251-A252

CoroTurn® XS A253
Cutting tools A254-A259
Adaptors F2

CoroCut® XS A260
Inserts A261
External tools B83-B84

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

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

CoroTurn® Prime

Introducing a completely new turning method

B

Application

- Roughing
- Finishing
- Profiling

C

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 gives higher security in production
- Reduction in temperature at the cutting edge means improved tool life



D

E

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



F

Inserts

A-type	B-type
	
A5	A5

Tools

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

Right hand style shown unless otherwise stated

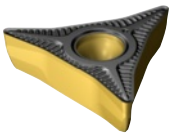
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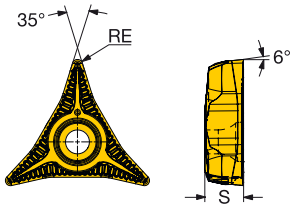
H

ENG

CoroTurn® Prime insert for turning

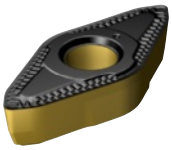
A-type insert

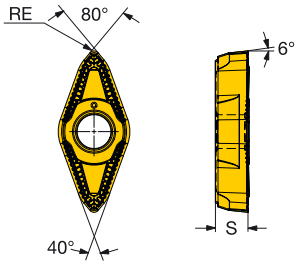




		SSC	S	RE	ISO CODE	P 4325	M 1115	M 2025	S 1115
Finishing	L5	CP-A	6.00	0.40	CP-A1104-L5	★	☆	★	★
			6.00	0.79	CP-A1108-L5	★	☆	★	★
	L5W	CP-A	6.00	0.79	CP-A1108-L5W	★	☆	★	★

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	★	☆	★	★
	M5W	CP-B	5.00	0.79	CP-B1108-M5W	★	☆	★	★

SSC = To correspond with SSC on holder.

A7 A266 A278 H36 H14

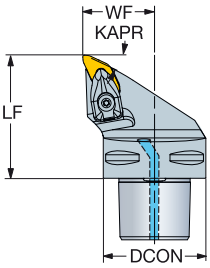
CoroTurn® Prime cutting unit for turning

Rigid clamp design

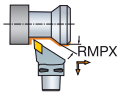
Coromant Capto® - Precision coolant supply

KAPR 25.0°





CP-B

	SSC	CZC_{MS}	APMX	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	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
		C5	4.0	23°	3	**C5-CP-25BR/L-35060-11B**	50	60.0	35.0	150	3.0	0.76	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

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

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

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

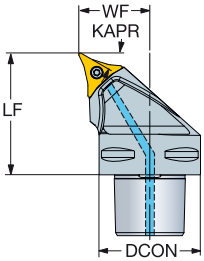
CoroTurn® Prime cutting unit for turning

Screw clamp design

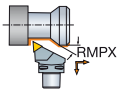
Coromant Capto® - Precision coolant supply

KAPR 30.0°





CP-A

	SSC	CZC_{MS}	APMX	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	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
		C5	3.0	15°	3	**C5-CP-30AR/L-35060-11C**	50	60.0	35.0	150	3.0	0.79	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

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 complete list of spare parts, see www.sandvik.coromant.com

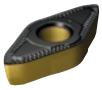
A5 F2 E3 G2 H36 H14 H5

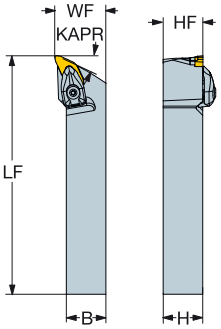
CoroTurn® Prime shank tool for turning

Rigid clamp design

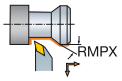
KAPR 25.0°







CP-B

	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

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 complete list of spare parts, see www.sandvik.coromant.com


A5


F2


E3



H36



H14

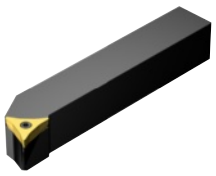
SANDVIK Coromant

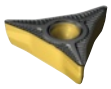
ENG

CoroTurn® Prime shank tool for turning

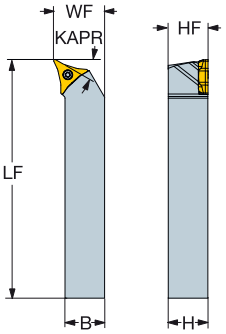
Screw clamp design

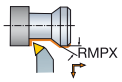
KAPR 30.0°





CP-A



	SSC	CZC_{MS}	APMX	RMPX	OHX	OHN	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts
Insert screw
5513 020-10

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

A5 F2 E3 H36 H14

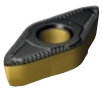
CoroTurn® Prime QS shank tool for turning

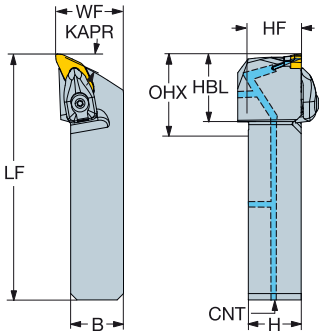
Rigid clamp design

Precision coolant supply

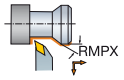
KAPR 25.0°







CP-B

	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

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 complete list of spare parts, see www.sandvik.coromant.com

A5 F2 E3 G2 H36 H14 H5

ENG

CoroTurn® Prime QS shank tool for turning

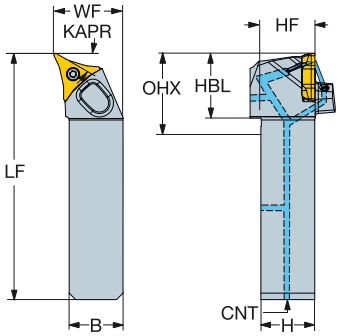
Screw clamp design

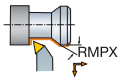
Precision coolant supply

KAPR 30.0°



CP-A



	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

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 complete list of spare parts, see www.sandvik.coromant.com

A5 F2 E3 G2 H36 H14 H5

CoroTurn® 300

For external turning of high-quality components

B

Application

- Longitudinal turning
- Facing
- Medium to finishing operations



C

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

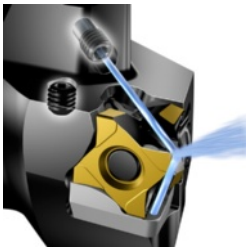
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www.sandvik.coromant.com/coroturn300

E

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 clamping solution with lever. iLock interface between insert and holder prevents micro-movements of the insert.



F

Inserts

Turning

A13

Tools

Coromant Capto® cutting units	QS™ shank tools
	
A14	A15

Right hand style shown unless otherwise stated

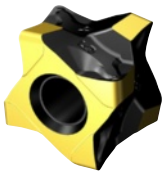
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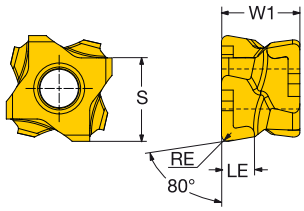
H

H35

ENG

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	★	☆
			4.0	11.00	0.79	10.0	3-80-101108-8-L4	★	☆
			4.0	11.00	1.19	10.0	3-80-101112-8-L4	★	☆
Medium	M5	10	4.0	11.00	0.79	10.0	3-80-101108-8-M5	☆	★
			4.0	11.00	1.19	10.0	3-80-101112-8-M5	☆	★
	M5W	10	4.0	11.00	0.79	10.0	3-80-101108-8-M5W	☆	★
			4.0	11.00	1.19	10.0	3-80-101112-8-M5W	☆	★

SSC = To correspond with SSC on holder.

A14 A262 A278 H36 H15

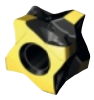
CoroTurn® 300 cutting unit for turning

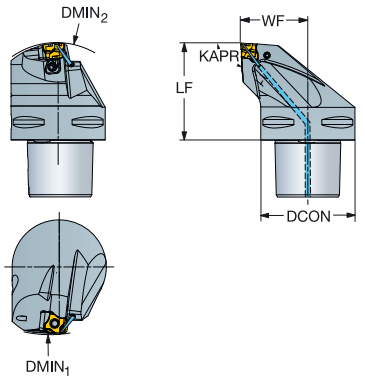
Lever clamp design

Coromant Capto® - Precision coolant supply

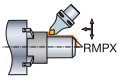
KAPR 94.7°







3-80

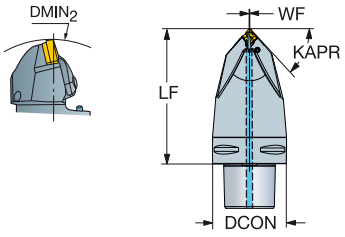
	SSC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	10	C4	100.0	150.0	3	C4-3-80-LR/L27055-10C	40	55.0	27.0	150	4.5	0.59	3-80-101108
		C5	100.0	170.0	3	C5-3-80-LR/L35060-10C	50	60.0	35.0	150	4.5	0.88	3-80-101108
		C6	100.0	200.0	3	C6-3-80-LR/L45065-10C	63	65.0	45.0	150	4.5	1.40	3-80-101108

RMPX

KAPR 50.0°

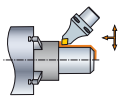






3-80

Tools for multi-task machining

	SSC	CZC$_{MS}$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	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
		C6	250.0	45°	3	C6-3-80-MN00115-10C	63	115.0	0.4	150	4.5	2.19	3-80-101108

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

SSC = To correspond with SSC on insert.

		Spare parts							
SSC	CZC$_{MS}$	Clamp	Clamp screw	Shim	Shim screw	Nozzle	Sealing plug screw	Coolant screw	Sealing plug screw
10	C4-C5	5412 150-01	5516 010-02	5322 600-01	416.1-832	5691 026-05	3214 013-03	5512 104-01	
10	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 complete list of spare parts, see www.sandvik.coromant.com

A13 F2 E3 G2 H36 H35 H15 H5

ENG

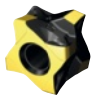
CoroTurn® 300 QS shank tool for turning

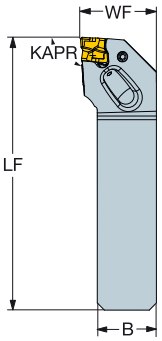
Lever clamp design

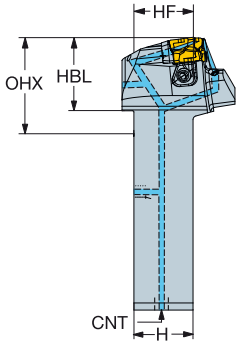
Precision coolant supply

KAPR 94.7°

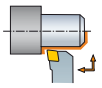








3-80

	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

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 complete list of spare parts, see www.sandvik.coromant.com


A13


F2


E3


G2



H36



H35



H15



H5

CoroTurn® TR

For stable external profiling and internal profiling

B

Application

- Profiling
- Medium to finishing



ISO application area:

C

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 adaptors or QS stops (QS shanks)

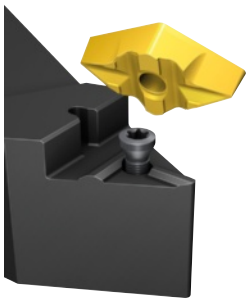
D

www.sandvik.coromant.com/coroturntr

E

iLock™ locking interface

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



F

- High stability and tolerances
- High indexing repeatability

Inserts

 TR-DC..	 TR-VB..
A17	A18

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
					
A19-A22	A23-A24	A25-A26	A27-A28	A29-A32	A33

Right hand style shown unless otherwise stated

H

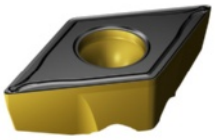


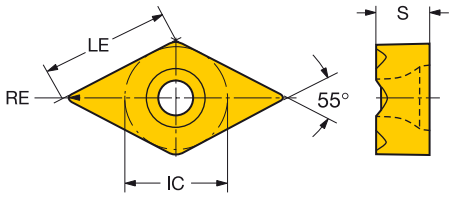
H35

ENG

CoroTurn® TR insert for turning

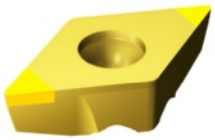
D-style insert (Rhombic 55°)

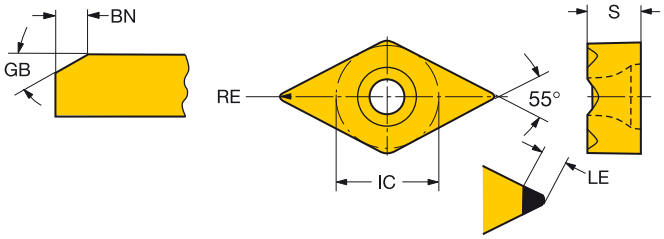




			LE	S	RE	ISO CODE	P 1525	P 4315	P 4325	M 1115	M 1125	M 2025	M 2220	K H13A	S 1105	S 1115	S 1125	S H13A
Finishing	F	13	12.6	5.53	0.40	TR-DC1304-F	☆	★	☆	☆	☆	★	☆	★	★	☆	☆	☆
			12.2	5.53	0.79	TR-DC1308-F	☆	★	☆	☆	☆	★	☆	★	★	☆	☆	☆
Medium	M	13	12.2	5.53	0.79	TR-DC1308-M		☆	★	☆	☆	★	☆			★	☆	
			11.8	5.53	1.19	TR-DC1312-M		☆	★	☆	☆	★				★	☆	

Advanced cutting materials



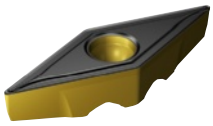


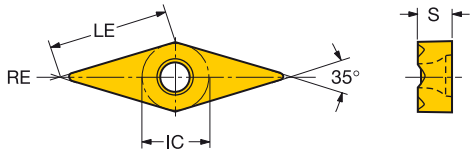
		LE	S	RE	GB	BN	ISO CODE	H 7015	H 7025	H 7105	H 7115
Finishing	13	3.1	5.53	0.4	20°	0.10	TR-DC1304S01020F	☆	☆	☆	★
		3.1	5.53	0.8	20°	0.10	TR-DC1308S01020F	☆	☆	☆	★

A19 A29 A262 A278 H36 H16 H3

CoroTurn® TR insert for turning

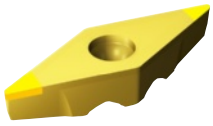
V-style insert (Rhombic 35°)

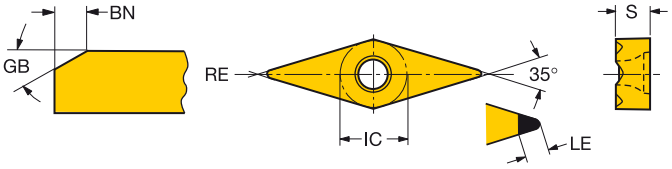




			LE	S	RE	ISO CODE	P			M				K	S			
							1525	4315	4325	1115	1125	2025	2220	H13A	1105	1115	1125	H13A
Finishing	F	13	12.8	4.53	0.20	TR-VB1302-F					★			★			★	☆
			12.6	4.53	0.40	TR-VB1304-F	☆	★	☆	☆	☆	★	☆	★	★	☆	☆	☆
			12.2	4.53	0.79	TR-VB1308-F	☆	★	☆	☆	☆	★	☆	★	★	☆	☆	☆
			11.8	4.53	1.19	TR-VB1312-F		★	☆	★	☆			★		★	☆	☆

Advanced cutting materials





		LE	S	RE	GB	BN	ISO CODE	H			
								7015	7025	7105	7115
Finishing	13	3.1	4.53	0.4	20°	0.10	TR-VB1304S01020F	☆	☆	☆	★
		3.1	4.53	0.8	20°	0.10	TR-VB1308S01020F	☆	☆	☆	★

A19 A29 A262 A278 H36 H16 H3

SANDVIK Coromant

ENG

CoroTurn® TR cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

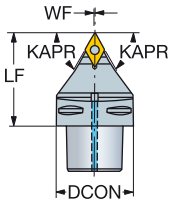
KAPR



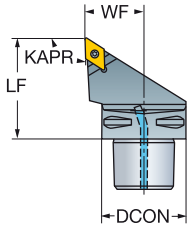


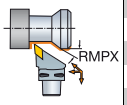
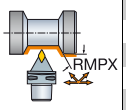
TR-DC

TR-Cx-D13NCN
62.5°



TR-Cx-D13JCR/L
93.0°



		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	13	C4	27°	3	**TR-C4-D13JCR/L-27050**	40	50.0	27.0	10	3.0	0.30	TR-DC1308
		C5	27°	3	**TR-C5-D13JCR/L-35060**	50	60.0	35.0	10	3.0	0.68	TR-DC1308
		C6	27°	3	**TR-C6-D13JCR/L-45065**	63	65.0	45.0	10	3.0	1.15	TR-DC1308
	13	C4	57°	3	**TR-C4-D13NCN-00050**	40	50.0	0.5	10	3.0	0.34	TR-DC1308
		C5	57°	3	**TR-C5-D13NCN-00060**	50	60.0	0.5	10	3.0	0.61	TR-DC1308
		C6	57°	3	**TR-C6-D13NCN-00065**	63	65.0	0.5	10	3.0	1.08	TR-DC1308

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

		Spare parts	
	CZC$_{MS}$	Screw	Nozzle
13	C4	5513 020-01	5691 034-01
13	C5-C6	5513 020-01	5691 034-02

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

A17 F2 E3 G2 H36 H35 H16 H5

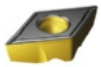
CoroTurn® TR cutting unit for turning

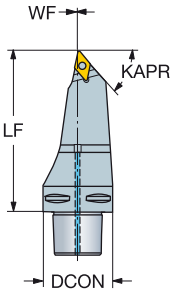
Screw clamp design

Coromant Capto® - Internal coolant supply

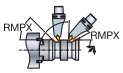
KAPR 48.0°







TR-DC

						Dimensions, mm						
		CZC_{MS}	RMPX	CNSC	**Ordering code**	DCON	LF	WF	BAR	NM	KG	MIID
	13	C5	72°	3	**TR-C5-D13MCL-00115**	50	115.0	0.0	10	3.0	1.07	TR-DC1308
		C6	72°	3	**TR-C6-D13MCL-00130**	63	130.0	0.0	10	3.0	1.83	TR-DC1308

L = Left hand

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

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

A17 F2 E3 G2 H36 H35 H16 H5

SANDVIK Coromant

ENG

CoroTurn® TR cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

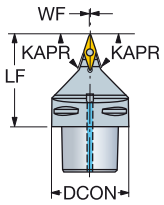
KAPR



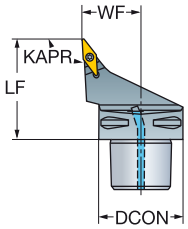


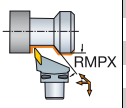
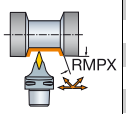
TR-VB

TR-Cx-V13VBN
72.5°



TR-Cx-V13JBR/L
93.0°



		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	13	C4	50°	3	TR-C4-V13JBR/L-27050	40	50.0	27.0	10	2.0	0.34	TR-VB1308
		C5	50°	3	TR-C5-V13JBR/L-35060	50	60.0	35.0	10	2.0	0.60	TR-VB1308
		C6	50°	3	TR-C6-V13JBR/L-45065	63	65.0	45.0	10	2.0	1.07	TR-VB1308
	13	C4	70°	3	TR-C4-V13VBN-00050	40	50.0	0.5	10	2.0	0.33	TR-VB1308
		C5	70°	3	TR-C5-V13VBN-00060	50	60.0	0.5	10	2.0	0.60	TR-VB1308
		C6	70°	3	TR-C6-V13VBN-00065	63	65.0	0.5	10	2.0	1.04	TR-VB1308

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

		Spare parts	
	CZC$_{MS}$	Screw	Nozzle
13	C4	5513 020-64	5691 034-01
13	C5-C6	5513 020-64	5691 034-02

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

A17 F2 E3 G2 H36 H35 H16 H5

CoroTurn® TR cutting unit for turning

Screw clamp design

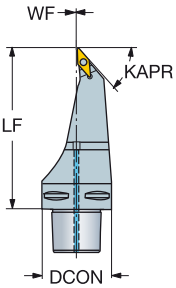
Coromant Capto® - Internal coolant supply

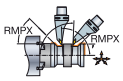
KAPR 50.0°






TR-VB



		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	13	C5	47°	3	**TR-C5-V13MBL-00115**	50	115.0	0.0	10	2.0	1.00	TR-VB1308
		C6	47°	3	**TR-C6-V13MBL-00130**	63	130.0	0.0	10	2.0	1.71	TR-VB1308

L = Left hand

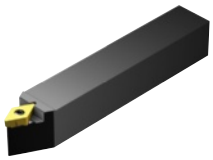
Spare parts	
Screw	Nozzle
5513 020-64	5691 034-03

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

ENG

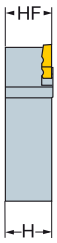
CoroTurn® TR shank tool for turning

Screw clamp design

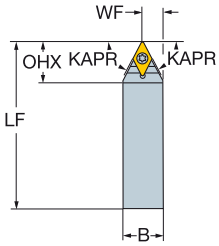




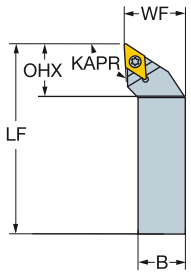
KAPR



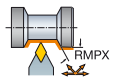
TR-D13NCN
62.5°



TR-D13JCR/L
93.0°



TR-DC

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm 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

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

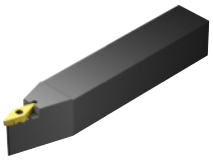
Spare parts
Screw
5513 020-01

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

A17 F2 E3 H36 H35 H16

CoroTurn® TR shank tool for turning

Screw clamp design



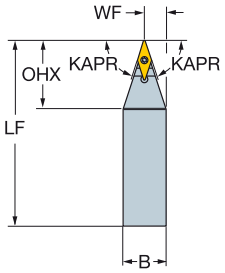


TR-VB

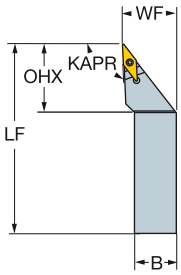
KAPR

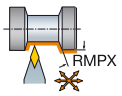
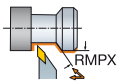


TR-V13VBN
72.5°



TR-V13JBR/L
93.0°



		CZC_{MS}	RMPX	OHX	Ordering code	Dimensions, mm 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

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

Spare parts
Screw
5513 020-64

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

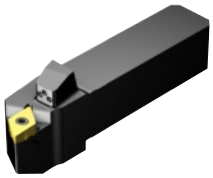
A17 F2 E3 H36 H35 H16

ENG

CoroTurn® TR QS shank tool for turning

Screw clamp design

Precision coolant supply

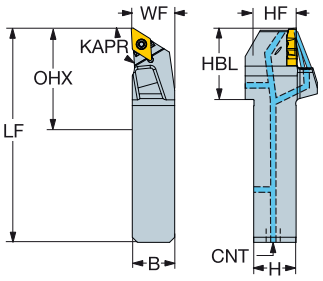




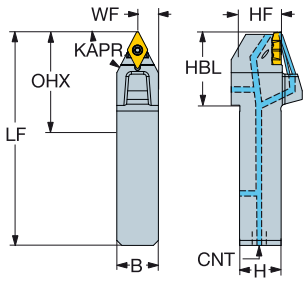
TR-DC

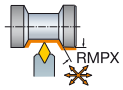
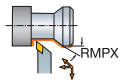
KAPR

QS-TR-D..JCR/L..HP
93.0°



QS-TR-D..JCN..HP
62.5°



							Dimensions, mm							BAR	NM	KG	
		CZC_{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT				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

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

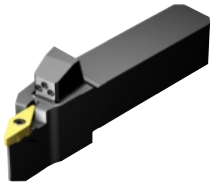
Spare parts					
Insert screw	Nozzle	Coolant screw	Washer	Stop screw	Stop screw
5513 020-01	5691 026-13	5512 104-01	5541 066-01	3214 013-01	3214 012-01

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

CoroTurn® TR QS shank tool for turning

Screw clamp design

Precision coolant supply

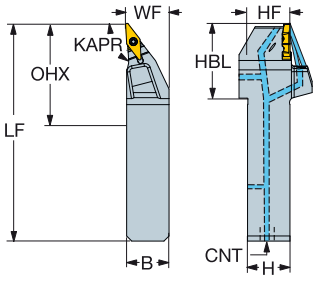




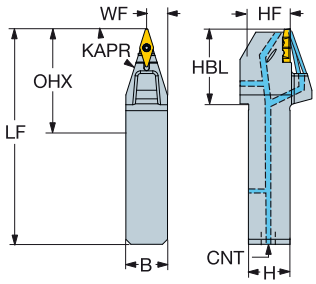
TR-VB

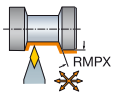
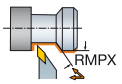
KAPR

QS-TR-V..R/L..HP
93.0°



QS-TR-V..N..HP
72.5°



							Dimensions, mm							BAR	NM	KG	
		CZC_{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT				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

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 complete list of spare parts, see www.sandvik.coromant.com

A17 F2 E3 G2 H36 H35 H16 H5

SANDVIK Coromant

ENG

CoroTurn® TR head for turning

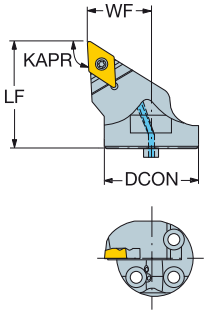
Screw clamp design

CoroTurn® SL - Precision coolant supply

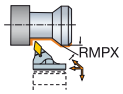
KAPR 93.0°







TR-DC

						Dimensions, mm						
		CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR	NM	KG	MIID
	13	32	27°	1	TR-SL-D13JCR/L-32HP-X	32	40.0	22.0	80	3.0	0.14	TR-DC1308
		40	27°	1	TR-SL-D13JCR/L-40HP-X	40	45.0	27.0	80	3.0	0.23	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 complete list of spare parts, see www.sandvik.coromant.com

A17 F2 H36 H35 H16 H5 H2

CoroTurn® TR head for turning

Screw clamp design

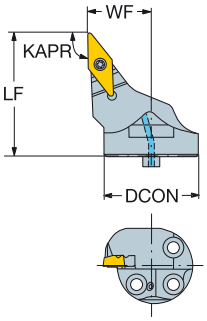
CoroTurn® SL - Precision coolant supply

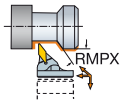
KAPR 93.0°





TR-VB



		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	13	32	44°	1	**TR-SL-V13JBR/L-32HP-X**	32	42.0	22.0	80	2.0	0.13	TR-VB1308
		40	44°	1	**TR-SL-V13JBR/L-40HP-X**	40	42.0	27.0	80	2.0	0.18	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 complete list of spare parts, see www.sandvik.coromant.com

A17 F2 H36 H35 H16 H5 H2

SANDVIK Coromant

ENG

CoroTurn® TR head for turning

Screw clamp design

CoroTurn® SL - Precision coolant supply

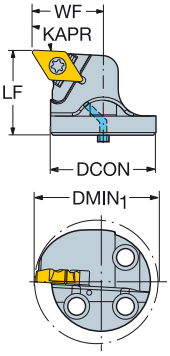




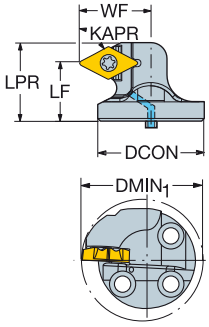
TR-DC

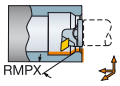
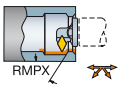
KAPR

TR-SL-D13UCR/L..HP
93.0°



TR-SL-D13XCR/L..HP
62.5°



		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
	13	32	40.0	27°	1	TR-SL-D13UCR/L-32HP	32		38.0	22.0	80	3.0	0.16	TR-DC1308
		40	50.0	27°	1	TR-SL-D13UCR/L-40HP	40		38.0	27.0	80	3.0	0.23	TR-DC1308
		40	54.0	27°	1	TR-SL-D13UCR/L-40HP32	40		38.0	32.0	80	3.0	0.24	TR-DC1308
		40	59.0	27°	1	TR-SL-D13UCR/L-40HP37	40		38.0	37.0	80	3.0	0.24	TR-DC1308
		40	63.0	27°	1	TR-SL-D13UCR/L-40HP43	40		38.0	43.0	80	3.0	0.27	TR-DC1308
	13	32	45.0	60°	1	TR-SL-D13XCR-32HP	32	34.0	27.0	27.0	80	3.0	0.16	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
		40	59.0	60°	1	TR-SL-D13XCR/L-40HP37	40	25.7	22.0	37.0	80	3.0	0.22	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
		40	50.0	60°	1	TR-SL-D13XCR-40HP	40	29.5	22.0	29.0	80	3.0	0.19	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 complete list of spare parts, see www.sandvik.coromant.com

A17 F2 H36 H35 H16 H5 H2

CoroTurn® TR head for turning

Screw clamp design

CoroTurn® SL - Internal coolant supply

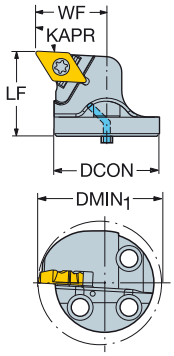




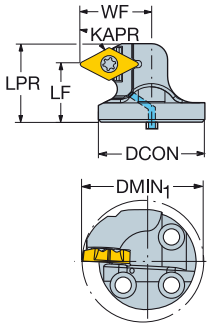
TR-DC

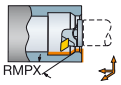
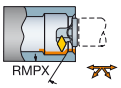
KAPR

TR-SL-D13UCR/L
93.0°



TR-SL-D13XCR/L
62.5°



		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
 RMPX	13	25	35.0	27°	1	**TR-SL-D13UCR/L-25**	25		27.0	20.0	10	3.0	0.08	TR-DC1308
		32	40.0	27°	1	**TR-SL-D13UCR/L-32**	32		32.0	22.0	10	3.0	0.14	TR-DC1308
		40	50.0	27°	1	**TR-SL-D13UCR/L-40**	40		32.0	27.0	10	3.0	0.19	TR-DC1308
 RMPX	13	25	35.0	60°	1	**TR-SL-D13XCR/L-25**	25	23.3	20.0	20.0	10	3.0	0.07	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
		40	50.0	60°	1	**TR-SL-D13XCR/L-40**	40	29.2	22.0	27.0	10	3.0	0.17	TR-DC1308

R = Right hand, L = Left hand

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

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

A17 F2 H36 H35 H16 H5 H2

SANDVIK Coromant

ENG

CoroTurn® TR head for turning

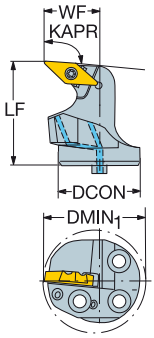
Screw clamp design

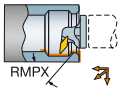
CoroTurn® SL - Precision coolant supply

KAPR 95.0°



TR-VB



							Dimensions, mm						
		CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR	NM	KG	MIID
 RMPX	13	32	40.0	45°	1	TR-SL-V13LBR/L-32HP	32	40.0	22.0	80	2.0	0.17	TR-VB1308
		40	50.0	45°	1	TR-SL-V13LBR/L-40HP	40	38.0	27.0	80	2.0	0.22	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 complete list of spare parts, see www.sandvik.coromant.com

A17 F2 H36 H35 H16 H5 H2

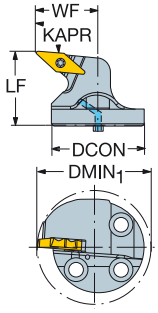
CoroTurn® TR head for turning

Screw clamp design

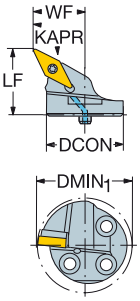
CoroTurn® SL - Internal coolant supply

KAPR

TR-SL-V13LBR/L
95.0°



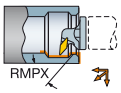
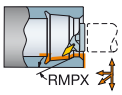
TR-SL-V13PBR/L
117.5°







TR-VB

		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	13	25	35.0	45°	1	**TR-SL-V13LBR/L-25**	25	27.0	20.0	10	2.0	0.08	TR-VB1308
		32	40.0	45°	1	**TR-SL-V13LBR/L-32**	32	32.0	22.0	10	2.0	0.13	TR-VB1308
		40	50.0	45°	1	**TR-SL-V13LBR/L-40**	40	32.0	27.0	10	2.0	0.18	TR-VB1308
	13	25	33.0	25°	1	**TR-SL-V13PBR/L-25**	25	28.0	17.0	10	2.0	0.07	TR-VB1308
		32	40.0	25°	1	**TR-SL-V13PBR/L-32**	32	32.0	22.0	10	2.0	0.12	TR-VB1308
		40	50.0	25°	1	**TR-SL-V13PBR/L-40**	40	32.0	27.0	10	2.0	0.15	TR-VB1308

R = Right hand, L = Left hand

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

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

A17 F2 H36 H35 H16 H5 H2

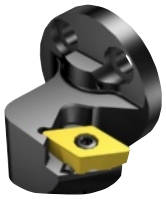
ENG

CoroTurn® TR head for back boring

Screw clamp design

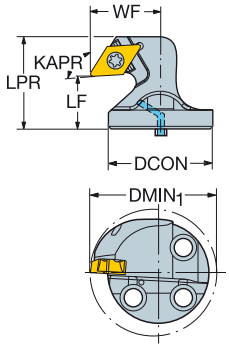
CoroTurn® SL - Internal coolant supply

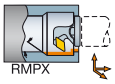
KAPR 93.0°





TR-DC



		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
 RMPX	13	25	36.0	27°	1	TR-SL-D13UCR/L-25X	25	32.1	17.0	21.0	10	3.0	0.09	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
		40	50.0	27°	1	TR-SL-D13UCR/L-40X	40	35.1	20.0	27.0	10	3.0	0.20	TR-DC1308

R = Right hand, L = Left hand

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

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

A17 F2 H36 H35 H16 H5 H2

CoroTurn® 107

For internal and external turning of slender components

B

Application

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

C

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



D

E

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

F

Tools

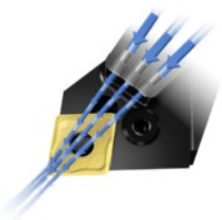
- Coromant Capto® cutting units
- Shank tools
- QS Shank tools
- Boring bars
- CoroTurn® SL heads

Tools with EasyFix™ and Silent Tools™ available.

G

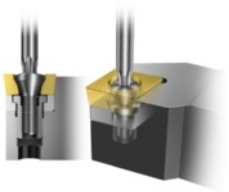
Designed for precision coolant

Holders are available with precision nozzles for excellent chip control.



Screw clamping

Adds stability and unobstructed chip flow



Right hand style shown unless otherwise stated

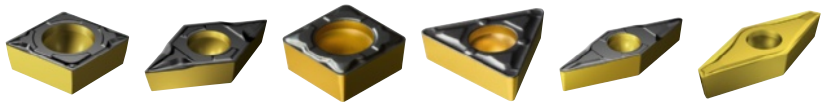
H

A35 A53 A78 H35

SANDVIK Coromant

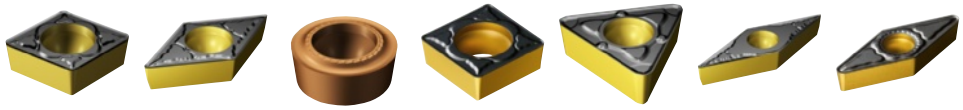
CoroTurn® 107 insert for turning

Finishing



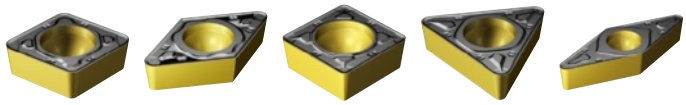
	CC..	DC..	SC..	TC..	VB..	VC..
Page	A36	A40	A44	A46	A50	A50

Medium



	CC..	DC..	RC..	SC..	TC..	VB..	VC..
Page	A36	A40	A43	A44	A46	A50	A50

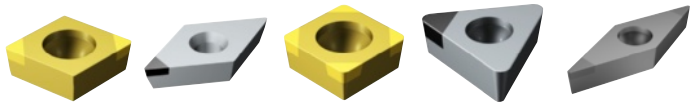
Roughing



	CC..	DC..	SC..	TC..	VB..
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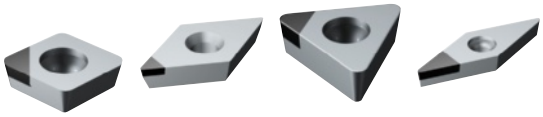
Advanced cutting materials

Cubic boron nitride (CBN)



	CC..	DC..	SC..	TC..	VB..
Page	A36	A42	A45	A49	A52

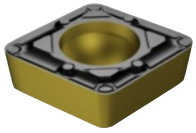
Polycrystalline diamond (PCD)

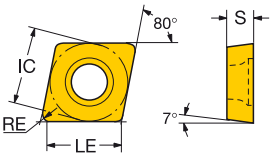


	CC..	DC..	TC..	VC..
Page	A39	A42	A49	A52

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)





			LE	S	RE	ISO CODE	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
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		09	9.5	3.97	0.20	CCMT 09 T3 02-WF						★		★								★					★		
			9.3	3.97	0.40	CCMT 09 T3 04-WF	☆		★	☆		☆	☆	☆	★				★	☆		★				★	☆		
			8.9	3.97	0.79	CCMT 09 T3 08-WF	☆		★	☆		☆	☆	☆	★				★	☆		★				★	☆		
	PF	06	6.2	2.38	0.20	CCMT 06 02 02-PF				☆		★																	
			6.0	2.38	0.40	CCMT 06 02 04-PF			★	☆		☆																	
		09	9.5	3.97	0.20	CCMT 09 T3 02-PF				☆		★																	
			9.3	3.97	0.40	CCMT 09 T3 04-PF			★	☆		☆																	
			8.9	3.97	0.79	CCMT 09 T3 08-PF			★	☆		☆																	
		12	12.5	4.76	0.40	CCMT 12 04 04-PF			★	☆		☆																	
	KF	06	6.2	2.38	0.20	CCMT 06 02 02-KF															★								
			6.0	2.38	0.40	CCMT 06 02 04-KF															★								
		09	9.5	3.97	0.20	CCMT 09 T3 02-KF															★								
			9.3	3.97	0.40	CCMT 09 T3 04-KF													★	☆	☆								
			8.9	3.97	0.79	CCMT 09 T3 08-KF													★	☆									
		12	12.5	4.76	0.40	CCMT 12 04 04-KF															★								
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			8.9	3.97	0.79	CCMT 09 T3 08-MF							☆	☆	★	☆		☆							★	☆	☆		☆
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			5.6	2.38	0.79	CCMT 06 02 08-UF						★																	
		09	9.5	3.97	0.20	CCMT 09 T3 02-UF								★													★		
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Medium	WM	06	5.6	2.38	0.79	CCMT 06 02 08-WM			☆	★	☆		★													★			
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	PM	06	6.0	2.38	0.40	CCMT 06 02 04-PM	☆		☆	★	☆	☆																	
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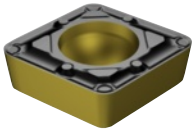
A53 A78 A262 A278 H36 H6

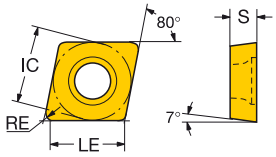
SANDVIK Coromant

ENG

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)





			LE	S	RE	ISO CODE	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
Medium	AL	06	6.2	2.38	0.20	CCGX 06 02 02-AL																	★							
			6.0	2.38	0.40	CCGX 06 02 04-AL																	★							
		09	9.3	3.97	0.40	CCGX 09 T3 04-AL																	★							
			8.9	3.97	0.79	CCGX 09 T3 08-AL																	★							
		12	12.5	4.76	0.40	CCGX 12 04 04-AL																	★							
			12.1	4.76	0.79	CCGX 12 04 08-AL																	★							
	UM	06	6.3	2.38	0.10	CCGT 06 02 01-UM							★	☆							★	☆		★	★	☆	☆	☆		
			6.2	2.38	0.20	CCGT 06 02 02-UM							★	☆							★	☆		★	★	☆	☆	☆		
			6.0	2.38	0.40	CCGT 06 02 04-UM						★	★	☆			☆				★	☆		★	★	☆	☆	☆		
		09	9.6	3.97	0.10	CCGT 09 T3 01-UM						★	★	☆							★	☆		★	★	☆	☆	☆		
			9.5	3.97	0.20	CCGT 09 T3 02-UM						★	★	☆							★	☆		★	★	☆	☆	☆		
			9.3	3.97	0.40	CCGT 09 T3 04-UM						★	★	☆							★	☆		★	★	☆	☆	☆		
			8.9	3.97	0.79	CCGT 09 T3 08-UM						★	★	☆			☆				★	☆		★	★	☆	☆	☆		
	UM	06	6.0	2.38	0.40	CCMT 06 02 04-UM	☆		☆	★	☆	☆	★	☆												★	☆			
			5.6	2.38	0.79	CCMT 06 02 08-UM			☆	★			★	☆												★	☆			
		09	9.3	3.97	0.40	CCMT 09 T3 04-UM	☆		☆	★			☆	☆		★		☆			★	☆		★		★	☆	☆		
			8.9	3.97	0.79	CCMT 09 T3 08-UM	☆		☆	★	☆	☆	☆	☆		★		☆				★				★	☆			
		12	12.1	4.76	0.79	CCMT 12 04 08-UM			☆	★																				
Roughing	PR	06	5.6	2.38	0.79	CCMT 06 02 08-PR			☆	☆	★																			
		09	8.9	3.97	0.79	CCMT 09 T3 08-PR			☆	☆	★																			
			8.5	3.97	1.19	CCMT 09 T3 12-PR			☆	☆	★																			
		12	12.1	4.76	0.79	CCMT 12 04 08-PR			☆	☆	★																			
			11.7	4.76	1.19	CCMT 12 04 12-PR			☆	☆	★																			
	KR	06	5.6	2.38	0.79	CCMT 06 02 08-KR													☆	★	☆									
		09	8.9	3.97	0.79	CCMT 09 T3 08-KR													☆	★	☆									
			8.5	3.97	1.19	CCMT 09 T3 12-KR													☆	★										
		12	12.1	4.76	0.79	CCMT 12 04 08-KR													☆	★	☆									
			11.7	4.76	1.19	CCMT 12 04 12-KR													☆	★	☆									
	MR	06	5.6	2.38	0.79	CCMT 06 02 08-MR									☆		★													
		09	8.9	3.97	0.79	CCMT 09 T3 08-MR									☆	☆	★	☆												
			8.5	3.97	1.19	CCMT 09 T3 12-MR										★		☆												
		12	12.1	4.76	0.79	CCMT 12 04 08-MR										☆	★	☆												
			11.7	4.76	1.19	CCMT 12 04 12-MR										☆	★	☆												
	UR	06	6.0	2.38	0.40	CCMT 06 02 04-UR			☆	★																				
		09	9.3	3.97	0.40	CCMT 09 T3 04-UR			☆	☆	★																			
			8.9	3.97	0.79	CCMT 09 T3 08-UR			☆	☆	★																			
		12	12.1	4.76	0.79	CCMT 12 04 08-UR			☆	☆	★																			
		16	15.3	5.56	0.79	CCMT 16 05 08-UR					★																			

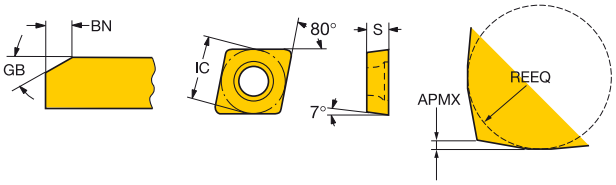
A53 A78 A262 A278 H36 H6

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials - Xcel geometry





		S	REEQ	RE	APMX	GB	BN	ISO CODE	H			
									7015	7025	7105	7115
Finishing	09	3.97	1.9	0.0	0.2	15°	0.15	CCGX09T3L020-15FXA	☆	☆	☆	★

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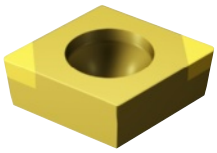
SANDVIK Coromant

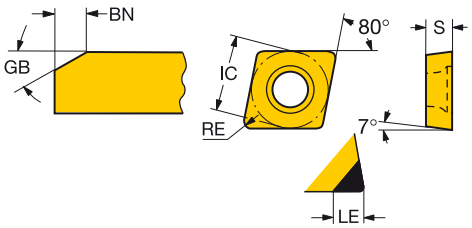
ENG

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials



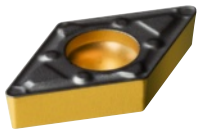


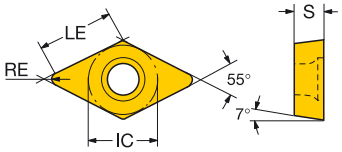
		LE	S	RE	GB	BN	ISO CODE	K 7525	N CD05	N CD10	H 7015	H 7025	H 7105	H 7115	H 7525
Finishing	06	1.5	2.38	0.2	30°	0.10	CCGW060202T01030F				★	☆			
		1.8	2.38	0.4	20°	0.10	CCGW060204S01020F				☆	☆	☆	★	
		2.8	2.38	0.4	30°	0.10	CCGW060204S01030F				★	☆			☆
		2.8	2.38	0.4	20°	0.10	CCGW060204T01020F	★							★
		1.8	2.38	0.4	30°	0.10	CCGW060204T01030F				★				
		2.5	2.38	0.8	20°	0.10	CCGW060208S01020F						☆	★	
		2.0	2.38	0.8	30°	0.10	CCGW060208S01030F				★	☆			
		2.0	2.38	0.8	30°	0.10	CCGW060208T01030F				★				
		2.9	2.38	0.4			CCMW060204FP		☆	★					
		2.6	2.38	0.4	20°	0.15	CCGW060204S01520FWH						☆	★	
		1.8	2.38	0.4	30°	0.10	CCGW060204T01030FWH				★	☆			
		2.6	2.38	0.8	20°	0.15	CCGW060208S01520FWH						☆	★	
		2.0	2.38	0.8	30°	0.10	CCGW060208T01030FWH				★	☆			
	09	2.4	3.97	1.2	20°	0.10	CCGW060202S01020F							★	
		2.6	3.97	0.4	20°	0.10	CCGW09T304S01020F				☆	☆	☆	★	
		2.8	3.97	0.4	30°	0.15	CCGW09T304S01530F				★	☆			☆
		2.6	3.97	0.4	30°	0.20	CCGW09T304S02030F							★	
		2.8	3.97	0.4	20°	0.10	CCGW09T304T01020F	★							★
		2.5	3.97	0.8	20°	0.10	CCGW09T308S01020F				☆	☆	☆	★	
		3.0	3.97	0.8	30°	0.15	CCGW09T308S01530F				★	☆			☆
		2.5	3.97	0.8	30°	0.20	CCGW09T308S02030F							★	
		3.0	3.97	0.8	20°	0.10	CCGW09T308T01020F	★							★
		2.3	3.97	1.2	20°	0.10	CCGW09T312S01020F				☆		☆	★	
		2.3	3.97	1.2	30°	0.15	CCGW09T312S01530F					★			
		4.3	3.97	0.4			CCMW09T304FP		☆	★					
		4.2	3.97	0.8			CCMW09T308FP		☆	★					
		2.4	3.97	1.2	20°	0.15	CCGW09T304S01020FWH					★			
		2.6	3.97	0.4	20°	0.15	CCGW09T304S01520FWH						☆	★	
		1.8	3.97	0.4	30°	0.15	CCGW09T304S01530FWH					★			
		1.8	3.97	0.4	20°	0.10	CCGW09T304T01020FWH				★				
		2.0	3.97	0.8	20°	0.10	CCGW09T308S01020FWH					★			
		2.5	3.97	0.8	20°	0.15	CCGW09T308S01520FWH						☆	★	
		2.0	3.97	0.8	20°	0.10	CCGW09T308T01020FWH				★				
		2.3	3.97	1.2	20°	0.10	CCGW09T312S01020FWH				★				
		2.4	3.97	1.2	20°	0.15	CCGW09T312S01520FWH						☆	★	

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CoroTurn® 107 insert for turning

D-style insert (Rhombic 55°)





			LE	S	RE	ISO CODE	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
Finishing	WF	07	7.6	2.38	0.20	DCMX 07 02 02-WF						★		★								★					★		
			7.4	2.38	0.40	DCMX 07 02 04-WF	☆		★	☆		☆	☆	☆	★							★				★	☆		
			7.0	2.38	0.79	DCMX 07 02 08-WF	☆		★	☆				☆	★							★					★		
		11	11.4	3.97	0.20	DCMX 11 T3 02-WF						★		★								★					★		
			11.2	3.97	0.40	DCMX 11 T3 04-WF	☆		★	☆		☆	☆	☆	★				★	☆		★				★	☆		
			10.8	3.97	0.79	DCMX 11 T3 08-WF	☆		★	☆		☆	☆	☆	★				★	☆		★				★	☆		
	PF	07	7.6	2.38	0.20	DCMT 07 02 02-PF				☆		★																	
			7.4	2.38	0.40	DCMT 07 02 04-PF			★	☆		☆																	
		11	11.4	3.97	0.20	DCMT 11 T3 02-PF				☆		★																	
			11.2	3.97	0.40	DCMT 11 T3 04-PF			★	☆		☆																	
			10.8	3.97	0.79	DCMT 11 T3 08-PF			★	☆		☆																	
	KF	07	7.6	2.38	0.20	DCMT 07 02 02-KF															★								
			7.4	2.38	0.40	DCMT 07 02 04-KF													★	☆	☆								
		11	11.4	3.97	0.20	DCMT 11 T3 02-KF															★								
			11.2	3.97	0.40	DCMT 11 T3 04-KF													★	☆	☆								
			10.8	3.97	0.79	DCMT 11 T3 08-KF													★	☆									
	MF	07	7.6	2.38	0.20	DCMT 07 02 02-MF							★	☆											★	☆	☆		
			7.4	2.38	0.40	DCMT 07 02 04-MF							☆	☆	★	☆		☆							★	☆	☆		
		11	11.4	3.97	0.20	DCMT 11 T3 02-MF							★	☆											★	☆	☆		
			11.2	3.97	0.40	DCMT 11 T3 04-MF							☆	☆	★	☆		☆							★	☆	☆		
			10.8	3.97	0.79	DCMT 11 T3 08-MF							☆	☆	★	☆		☆							★	☆	☆		☆
	UF	07	7.6	2.38	0.20	DCMT 07 02 02-UF						★		★								★					★		
			7.4	2.38	0.40	DCMT 07 02 04-UF			★	☆				★								★					★		
		11	11.2	3.97	0.40	DCMT 11 T3 04-UF			★	☆		☆		★								★					★		
			10.8	3.97	0.79	DCMT 11 T3 08-UF			★	☆																			
Medium	WM	11	11.2	3.97	0.40	DCMX 11 T3 04-WM	☆		☆	★			☆		★				★	☆						★				
			10.8	3.97	0.79	DCMX 11 T3 08-WM	☆	☆	☆	★	☆		☆		★				★	☆						★				
	PM	07	7.4	2.38	0.40	DCMT 07 02 04-PM	☆		☆	★	☆	☆																		
			7.0	2.38	0.79	DCMT 07 02 08-PM	☆		☆	★	☆	☆																		
		11	11.2	3.97	0.40	DCMT 11 T3 04-PM	☆	☆	☆	★	☆	☆																		
			10.8	3.97	0.79	DCMT 11 T3 08-PM	☆	☆	☆	★	☆	☆																		
			10.4	3.97	1.19	DCMT 11 T3 12-PM	☆		☆	★	☆	☆																		
	MM	07	7.4	2.38	0.40	DCMT 07 02 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆		
			7.0	2.38	0.79	DCMT 07 02 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆		
		11	11.2	3.97	0.40	DCMT 11 T3 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆		
			10.8	3.97	0.79	DCMT 11 T3 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆		
			10.4	3.97	1.19	DCMT 11 T3 12-MM							☆	☆		★	☆	☆								★	☆		
	KM	07	7.4	2.38	0.40	DCMT 07 02 04-KM													★	☆	☆								
			7.0	2.38	0.79	DCMT 07 02 08-KM													★	☆	☆								
		11	11.2	3.97	0.40	DCMT 11 T3 04-KM													★	☆	☆								
			10.8	3.97	0.79	DCMT 11 T3 08-KM													★	☆	☆								
			10.4	3.97	1.19	DCMT 11 T3 12-KM													★	☆									
	UM	07	7.7	2.38	0.10	DCGT 07 02 01-UM							★	☆							★	☆		★	★	☆	☆	☆	
			7.6	2.38	0.20	DCGT 07 02 02-UM							★	☆							★	☆		★	★	☆	☆	☆	
			7.4	2.38	0.40	DCGT 07 02 04-UM						★	★	☆			☆				★	☆		★	★	☆	☆	☆	
			7.0	2.38	0.79	DCGT 07 02 08-UM								★							★	☆		★	★		☆	☆	
		11	11.5	3.97	0.10	DCGT 11 T3 01-UM						★	★	☆							★	☆		★	★	☆	☆	☆	
			11.4	3.97	0.20	DCGT 11 T3 02-UM						★	★	☆			☆				★	☆		★	★	☆	☆	☆	
			11.2	3.97	0.40	DCGT 11 T3 04-UM						★	★	☆			☆				★	☆		★	★	☆	☆	☆	☆
			10.8	3.97	0.79	DCGT 11 T3 08-UM						★	★	☆							★	☆		★	★	☆	☆	☆	☆
		07	7.7	2.38	0.05	DCET 07 02 00-UM							★	☆								★			★	☆	☆		
			7.7	2.38	0.10	DCET 07 02 01-UM							★	☆								★			★	☆	☆		
		11	11.5	3.97	0.10	DCET 11 T3 01-UM							★	☆								★			★	☆	☆		
			11.4	3.97	0.20	DCET 11 T3 02-UM							★	☆								★			★	☆	☆		
			11.2	3.97	0.40	DCET 11 T3 04-UM							★	☆								★			★	☆	☆		
	AL	07	7.6	2.38	0.20	DCGX 07 02 02-AL																	★						
			7.4	2.38	0.40	DCGX 07 02 04-AL																	★						
		11	11.4	3.97	0.20	DCGX 11 T3 02-AL																	★						
			11.2	3.97	0.40	DCGX 11 T3 04-AL																	★						
			10.8	3.97	0.79	DCGX 11 T3 08-AL																	★						

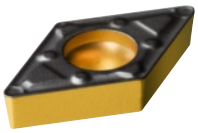
A53 A78 A262 A278 H36 H6

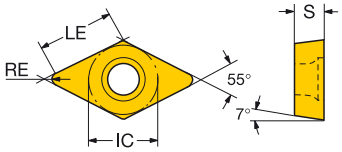
SANDVIK Coromant

ENG

CoroTurn® 107 insert for turning

D-style insert (Rhombic 55°)





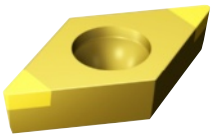
			LE	S	RE	ISO CODE	P						M						K			N			S					
							1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	S05F		
Medium	UM	07	7.4	2.38	0.40	DCMT 07 02 04-UM	☆		☆	★			★	☆												★	☆				
			7.0	2.38	0.79	DCMT 07 02 08-UM			☆	★			★	☆												★	☆				
		11	11.2	3.97	0.40	DCMT 11 T3 04-UM	☆		☆	★	☆	☆	☆	☆		★		☆								★	☆				
			10.8	3.97	0.79	DCMT 11 T3 08-UM	☆		☆	★	☆	☆	☆	☆		★		☆								★	☆				
Roughing	PR	11	10.8	3.97	0.79	DCMT 11 T3 08-PR		☆	☆	☆	★																				
			10.4	3.97	1.19	DCMT 11 T3 12-PR		☆	☆	☆	★																				
	KR	11	10.8	3.97	0.79	DCMT 11 T3 08-KR													☆	★	☆										
			10.4	3.97	1.19	DCMT 11 T3 12-KR													☆	★											
	MR	11	10.8	3.97	0.79	DCMT 11 T3 08-MR									☆	☆	★	☆													
			10.4	3.97	1.19	DCMT 11 T3 12-MR										☆	★	☆													
	UR	11	11.2	3.97	0.40	DCMT 11 T3 04-UR			☆	★																					
			10.8	3.97	0.79	DCMT 11 T3 08-UR			☆	☆	★					★															
			10.4	3.97	1.19	DCMT 11 T3 12-UR			☆	☆	★																				

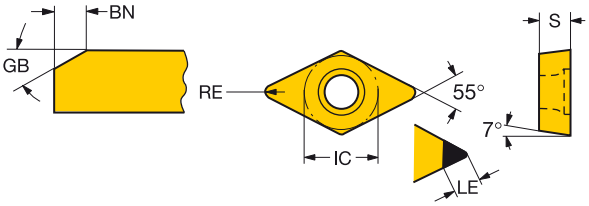
A53 A78 A262 A278 H36 H6

CoroTurn® 107 insert for turning

D-style insert (Rhombic 55°)

Advanced cutting materials





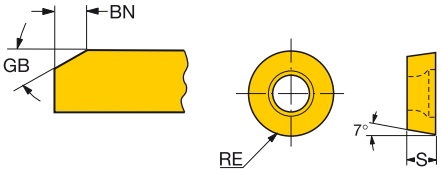
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								7525	CD05	CD10	7015	7025	7105	7115	7525
Finishing	07	2.5	2.38	0.2	20°	0.10	DCGW070202S01020F							★	
		1.5	2.38	0.2	30°	0.10	DCGW070202T01030F				★	☆			
		1.8	2.38	0.4	20°	0.10	DCGW070204S01020F					☆	☆	★	
		2.9	2.38	0.4	30°	0.10	DCGW070204S01030F				★	☆			☆
		2.8	2.38	0.4	20°	0.10	DCGW070204T01020F	★							★
		2.1	2.38	0.8	30°	0.10	DCGW070208S01030F				★	☆			
	11	2.8	3.97	0.2	20°	0.10	DCGW11T302T01020F	★							★
		2.9	3.97	0.4	20°	0.10	DCGW11T304S01020F				☆	☆	☆	★	
		2.9	3.97	0.4	30°	0.15	DCGW11T304S01530F				★	☆			☆
		2.9	3.97	0.4	30°	0.20	DCGW11T304S02030F							★	
		2.9	3.97	0.4	20°	0.10	DCGW11T304T01020F	★			★				☆
		2.5	3.97	0.8	20°	0.10	DCGW11T308S01020F				☆	☆	☆	★	
		3.1	3.97	0.8	30°	0.15	DCGW11T308S01530F				★	☆			☆
		2.5	3.97	0.8	30°	0.20	DCGW11T308S02030F							★	
		3.1	3.97	0.8	20°	0.10	DCGW11T308T01020F	★			★				☆
		2.4	3.97	1.2	20°	0.10	DCGW11T312S01020F				☆	☆		★	
		2.4	3.97	1.2	30°	0.15	DCGW11T312S01530F				★				
		4.1	3.97	0.4			DCMW11T304FP		☆	★					
		3.8	3.97	0.8			DCMW11T308FP		☆	★					
		1.8	3.97	0.4	20°	0.10	DCGW11T304S01020FWH				★	☆			
		2.9	3.97	0.4	20°	0.15	DCGW11T304S01520FWH						☆	★	
		2.1	3.97	0.8	20°	0.10	DCGW11T308S01020FWH				★	☆			☆
		2.5	3.97	0.8	20°	0.15	DCGW11T308S01520FWH						☆	★	

ENG

CoroTurn® 107 insert for turning

R-style insert (Round)



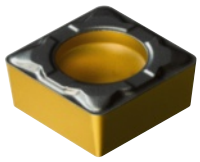


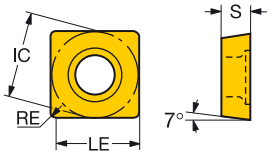
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								4305	4315	4325	4335	5015	1115	1125	2025	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	S05F
Medium	M0	05	2.38	2.50	0°	0.10	RCMT 05 02 M0			★		☆	☆	☆	★			★	☆		★	★	☆	☆	☆	
		06	2.38	3.00	0°	0.10	RCMT 06 02 M0		☆	★	☆	☆		☆	★			★	☆		★	★		☆	☆	☆
		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													★						
	00	09	3.97	4.76	15°	0.08	RCMT 09 T3 00		☆	★	☆							★							★	
		12	4.76	6.35	15°	0.12	RCMT 12 04 00		☆	★	☆					★	☆	☆							★	
	M0	09	3.97	4.76	15°	0.10	RCMT 09 T3 00-M0			★	☆				★			★			★				★	
		12	4.76	6.35	15°	0.12	RCMT 12 04 00-M0		☆	★	☆							★			★				★	
		19	6.35	9.53	15°	0.15	RCMT 19 06 00-M0											★			★				★	

A53 A78 A262 A278 H36 H6

CoroTurn® 107 insert for turning

S-style insert (Square)





			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 H10	N H13A	S 1105	S 1115	S 1125
Finishing	PF	09	9.1	3.97	0.40	SCMT 09 T3 04-PF			★	☆		☆														
			8.7	3.97	0.79	SCMT 09 T3 08-PF			★	☆		☆														
	MF	09	9.1	3.97	0.40	SCMT 09 T3 04-MF							☆	☆		★		☆							★	☆
			8.7	3.97	0.79	SCMT 09 T3 08-MF							☆	☆		★		☆							★	☆
	UF	09	8.7	3.97	0.79	SCMT 09 T3 08-UF			★	☆																
Medium	PM	09	9.1	3.97	0.40	SCMT 09 T3 04-PM	☆		☆	★	☆	☆														
			8.7	3.97	0.79	SCMT 09 T3 08-PM	☆		☆	★	☆	☆														
		12	12.3	4.76	0.40	SCMT 12 04 04-PM	☆		☆	★	☆															
			11.9	4.76	0.79	SCMT 12 04 08-PM	☆		☆	★	☆	☆														
			11.5	4.76	1.19	SCMT 12 04 12-PM			☆	★	☆															
	MM	09	9.1	3.97	0.40	SCMT 09 T3 04-MM							☆	☆	☆	★	☆	☆						★	☆	☆
			8.7	3.97	0.79	SCMT 09 T3 08-MM							☆	☆	☆	★	☆	☆						★	☆	☆
		12	12.3	4.76	0.40	SCMT 12 04 04-MM							☆	☆		★	☆	☆							★	☆
			11.9	4.76	0.79	SCMT 12 04 08-MM							☆	☆	☆	★	☆	☆							★	☆
			11.5	4.76	1.19	SCMT 12 04 12-MM								☆		★	☆	☆								★
	KM	09	9.1	3.97	0.40	SCMT 09 T3 04-KM														★	☆		☆			
			8.7	3.97	0.79	SCMT 09 T3 08-KM													★	☆	☆					
		12	11.9	4.76	0.79	SCMT 12 04 08-KM													★	☆	☆					
	AL	09	8.7	3.97	0.79	SCGX 09 T3 08-AL																★				
	UM	09	8.7	3.97	0.79	SCMT 09 T3 08-UM			☆	★	☆		☆	☆		★		☆							★	☆
		12	11.9	4.76	0.79	SCMT 12 04 08-UM			☆	★	☆					★		☆								
			11.5	4.76	1.19	SCMT 12 04 12-UM			☆	★																
Roughing	PR	09	8.7	3.97	0.79	SCMT 09 T3 08-PR			☆	☆	★															
			8.3	3.97	1.19	SCMT 09 T3 12-PR			☆	☆	★															
		12	11.9	4.76	0.79	SCMT 12 04 08-PR		☆	☆	☆	★															
			11.5	4.76	1.19	SCMT 12 04 12-PR			☆	☆	★															
	KR	09	8.7	3.97	0.79	SCMT 09 T3 08-KR													☆	★	☆					
			8.3	3.97	1.19	SCMT 09 T3 12-KR													☆	★						
		12	11.9	4.76	0.79	SCMT 12 04 08-KR													☆	★	☆					
			11.5	4.76	1.19	SCMT 12 04 12-KR													☆	★	☆					
	MR	09	8.7	3.97	0.79	SCMT 09 T3 08-MR										☆	★	☆								
			8.3	3.97	1.19	SCMT 09 T3 12-MR											★									
		12	11.9	4.76	0.79	SCMT 12 04 08-MR										☆	★	☆								
			11.5	4.76	1.19	SCMT 12 04 12-MR										☆	★	☆								
	UR	09	8.7	3.97	0.79	SCMT 09 T3 08-UR			☆	☆	★															
		12	12.3	4.76	0.40	SCMT 12 04 04-UR				★																
			11.9	4.76	0.79	SCMT 12 04 08-UR			☆	☆	★															

A53 A78 A262 A278 H36 H6

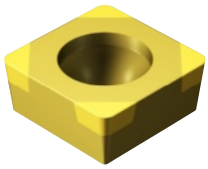
SANDVIK Coromant

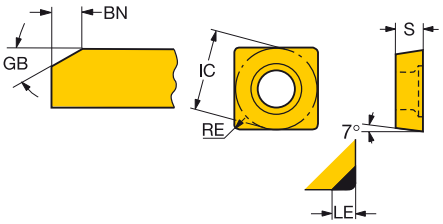
ENG

CoroTurn® 107 insert for turning

S-style insert (Square)

Advanced cutting materials





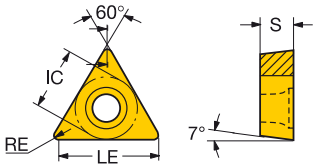
		LE	S	RE	GB	BN	ISO CODE	H 7015	H 7025	H 7525
Finishing	09	1.8	3.97	0.4	30°	0.10	SCGW09T304S01030F	★	☆	
		2.8	3.97	0.4	20°	0.10	SCGW09T304T01020F			★
		2.1	3.97	0.8	30°	0.10	SCGW09T308S01030F	★	☆	
		3.1	3.97	0.8	30°	0.15	SCGW09T308S01530F			★
		3.1	3.97	0.8	20°	0.10	SCGW09T308T01020F			★

A53 A78 A262 A278 H36 H6 H3

CoroTurn® 107 insert for turning

T-style insert (Triangular)





			LE	S	RE	ISO CODE	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
Finishing	WF	09	9.2	2.38	0.20	TCMX 09 02 02-WF						★		★													★	
			9.0	2.38	0.40	TCMX 09 02 04-WF	☆		★	☆		☆	☆		★				★	☆						★		
			8.6	2.38	0.79	TCMX 09 02 08-WF							★						★	☆						★		
		11	10.5	3.18	0.20	TCMX 11 03 02-WF						★		★													★	
			10.3	3.18	0.40	TCMX 11 03 04-WF	☆		★	☆		☆	☆	☆	★				★	☆						★	☆	
			9.9	3.18	0.79	TCMX 11 03 08-WF	☆		★	☆		☆	☆	☆	★											★	☆	
		16	16.1	3.97	0.40	TCMX 16 T3 04-WF						★	★						★	☆						★		
			15.7	3.97	0.79	TCMX 16 T3 08-WF	☆		★	☆		☆	☆		★				★	☆						★		
	PF	06	6.4	1.98	0.20	TCMT 06 T1 02-PF				☆		★																	
			6.2	1.98	0.40	TCMT 06 T1 04-PF			★	☆		☆																	
			5.8	1.98	0.79	TCMT 06 T1 08-PF			★	☆		☆																	
		09	9.2	2.38	0.20	TCMT 09 02 02-PF				☆		★																	
			9.0	2.38	0.40	TCMT 09 02 04-PF			★	☆		☆																	
		11	10.5	3.18	0.20	TCMT 11 03 02-PF				☆		★																	
			10.3	3.18	0.40	TCMT 11 03 04-PF			★	☆		☆																	
			9.9	3.18	0.79	TCMT 11 03 08-PF			★	☆		☆																	
		16	16.1	3.97	0.40	TCMT 16 T3 04-PF			★	☆		☆																	
	KF	06	6.4	1.98	0.20	TCMT 06 T1 02-KF													★	☆	☆								
			6.2	1.98	0.40	TCMT 06 T1 04-KF													★	☆	☆								
			5.8	1.98	0.79	TCMT 06 T1 08-KF													★	☆	☆								
		09	9.2	2.38	0.20	TCMT 09 02 02-KF													★	☆	☆								
			9.0	2.38	0.40	TCMT 09 02 04-KF													★	☆	☆								
		11	10.5	3.18	0.20	TCMT 11 03 02-KF													★	☆	☆								
			10.3	3.18	0.40	TCMT 11 03 04-KF													★	☆	☆								
			9.9	3.18	0.79	TCMT 11 03 08-KF													★	☆									
		16	16.1	3.97	0.40	TCMT 16 T3 04-KF															★								
	MF	06	6.4	1.98	0.20	TCMT 06 T1 02-MF							★	☆											★	☆	☆		
			6.2	1.98	0.40	TCMT 06 T1 04-MF							☆	☆	★										★	☆	☆		
			5.8	1.98	0.79	TCMT 06 T1 08-MF							☆	☆	★										★	☆	☆		
		09	9.2	2.38	0.20	TCMT 09 02 02-MF							★	☆											★	☆	☆		
			9.0	2.38	0.40	TCMT 09 02 04-MF							☆	☆	★	☆		☆							★	☆	☆		
		11	10.5	3.18	0.20	TCMT 11 03 02-MF							★	☆											★	☆	☆		
			10.3	3.18	0.40	TCMT 11 03 04-MF							☆	☆	★	☆									★	☆	☆		
			9.9	3.18	0.79	TCMT 11 03 08-MF							☆	☆	★											★	☆		
		16	16.1	3.97	0.40	TCMT 16 T3 04-MF							☆	☆	★	☆		☆								★	☆		
	F	05	5.6	1.40	0.02	TCEX 05 01 00L-F								★								★			★		☆		
			5.6	1.40	0.02	TCEX 05 01 00R-F								★								★			★		☆		
			5.5	1.40	0.10	TCEX 05 01 01L-F								★								★			★		☆		
			5.5	1.40	0.10	TCEX 05 01 01R-F								★								★			★		☆		
		06	6.6	1.98	0.02	TCEX 06 T1 00L-F								★								★			★		☆		
			6.6	1.98	0.02	TCEX 06 T1 00R-F								★								★			★		☆		
			6.5	1.98	0.10	TCEX 06 T1 01L-F								★								★			★		☆		
			6.5	1.98	0.10	TCEX 06 T1 01R-F								★								★			★		☆		
			6.4	1.98	0.20	TCEX 06 T1 02L-F								★								★			★		☆		
		09	9.4	2.38	0.02	TCEX 09 02 00L-F						★		★								★			★		☆		
			9.4	2.38	0.02	TCEX 09 02 00R-F						★		★								★			★		☆		
			9.3	2.38	0.10	TCEX 09 02 01L-F						★		★								★			★		☆		
			9.3	2.38	0.10	TCEX 09 02 01R-F						★		★								★			★		☆		
			9.2	2.38	0.20	TCEX 09 02 02L-F						★		★								★			★		☆		
		11	10.7	3.18	0.02	TCEX 11 03 00L-F						★		★								★			★		☆		
			10.7	3.18	0.02	TCEX 11 03 00R-F						★		★								★			★		☆		
			10.6	3.18	0.10	TCEX 11 03 01L-F						★		★								★			★		☆		
			10.6	3.18	0.10	TCEX 11 03 01R-F						★		★								★			★		☆		
			10.5	3.18	0.20	TCEX 11 03 02L-F						★		★								★			★		☆		

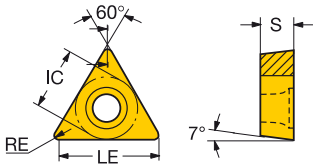
A53 A78 A262 A278 H36 H6

SANDVIK Coromant

CoroTurn® 107 insert for turning

T-style insert (Triangular)





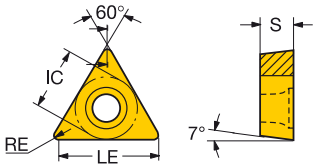
			LE	S	RE	ISO CODE	P						M						K			N			S				
							1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A
Finishing	K	06	6.4	1.98	0.20	TCGT 06 T1 02L-K							★	☆												★	☆	
			6.4	1.98	0.20	TCGT 06 T1 02R-K							★	☆												★	☆	
			6.2	1.98	0.40	TCGT 06 T1 04L-K							★	☆												★	☆	
			6.2	1.98	0.40	TCGT 06 T1 04R-K							★	☆												★	☆	
		09	9.2	2.38	0.20	TCGT 09 02 02L-K	★					☆	★	☆												★	☆	
			9.2	2.38	0.20	TCGT 09 02 02R-K							★	☆												★	☆	
			9.0	2.38	0.40	TCGT 09 02 04L-K	★					☆	★	☆												★	☆	
			9.0	2.38	0.40	TCGT 09 02 04R-K							★	☆												★	☆	
		11	10.5	2.38	0.20	TCGT 11 02 02L-K	★					☆		★													★	
			10.5	2.38	0.20	TCGT 11 02 02R-K								★													★	
			10.3	2.38	0.40	TCGT 11 02 04L-K	★					☆		★													★	
			10.3	2.38	0.40	TCGT 11 02 04R-K								★													★	
			10.5	3.18	0.20	TCGT 11 03 02L-K							★	☆												★	☆	
			10.5	3.18	0.20	TCGT 11 03 02R-K								★													★	
			10.3	3.18	0.40	TCGT 11 03 04L-K							★	☆												★	☆	
			10.3	3.18	0.40	TCGT 11 03 04R-K								★													★	
	WK	06	6.2	1.98	0.40	TCGX 06 T1 04L-WK							★	☆												★	☆	
			6.2	1.98	0.40	TCGX 06 T1 04R-WK								★													★	
		09	9.0	2.38	0.40	TCGX 09 02 04L-WK						★	★	☆												★	☆	
			9.0	2.38	0.40	TCGX 09 02 04R-WK						★		★													★	
		11	10.3	2.38	0.40	TCGX 11 02 04L-WK						★		★													★	
			10.3	2.38	0.40	TCGX 11 02 04R-WK						★		★													★	
			10.3	3.18	0.40	TCGX 11 03 04L-WK						★	★	☆												★	☆	
			10.3	3.18	0.40	TCGX 11 03 04R-WK								★													★	
	UF	06	6.4	1.98	0.20	TCMT 06 T1 02-UF						★																
			6.2	1.98	0.40	TCMT 06 T1 04-UF			★	☆		☆																
		09	9.0	2.38	0.40	TCMT 09 02 04-UF			★	☆		☆																
			8.6	2.38	0.79	TCMT 09 02 08-UF						★																
		11	10.5	2.38	0.20	TCMT 11 02 02-UF				☆	☆	★		★							★			★			★	☆
			10.3	2.38	0.40	TCMT 11 02 04-UF			★	☆	☆	☆		★					★	☆	☆			★			★	☆
			9.9	2.38	0.79	TCMT 11 02 08-UF			★	☆	☆	☆																
		16	15.7	3.97	0.79	TCMT 16 T3 08-UF			★	☆																		
Medium	WM	11	9.9	3.18	0.79	TCMX 11 03 08-WM			☆	★									★	☆								
		16	15.7	3.97	0.79	TCMX 16 T3 08-WM	☆	☆	☆	★									★	☆								
	PM	09	9.0	2.38	0.40	TCMT 09 02 04-PM	☆		☆	★	☆	☆																
			8.6	2.38	0.79	TCMT 09 02 08-PM	☆		☆	★	☆	☆																
		11	10.3	3.18	0.40	TCMT 11 03 04-PM	☆		☆	★	☆	☆																
			9.9	3.18	0.79	TCMT 11 03 08-PM	☆		☆	★	☆																	
			9.5	3.18	1.19	TCMT 11 03 12-PM			☆	★	☆																	
		16	16.1	3.97	0.40	TCMT 16 T3 04-PM	☆		☆	★	☆	☆																
			15.7	3.97	0.79	TCMT 16 T3 08-PM	☆	☆	☆	★	☆	☆																
			15.3	3.97	1.19	TCMT 16 T3 12-PM			☆	★	☆	☆																
		22	21.2	4.76	0.79	TCMT 22 04 08-PM				★	☆																	
	MM	09	9.0	2.38	0.40	TCMT 09 02 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆	
			8.6	2.38	0.79	TCMT 09 02 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆	
		11	10.3	3.18	0.40	TCMT 11 03 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆	
			9.9	3.18	0.79	TCMT 11 03 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆	
		16	16.1	3.97	0.40	TCMT 16 T3 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆	
			15.7	3.97	0.79	TCMT 16 T3 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆	
			15.3	3.97	1.19	TCMT 16 T3 12-MM								☆		★		☆									★	
		22	21.2	4.76	0.79	TCMT 22 04 08-MM											★											
	KM	09	9.0	2.38	0.40	TCMT 09 02 04-KM													★	☆	☆							
			8.6	2.38	0.79	TCMT 09 02 08-KM													★	☆	☆							
		11	10.3	3.18	0.40	TCMT 11 03 04-KM													★	☆	☆							
			9.9	3.18	0.79	TCMT 11 03 08-KM													★	☆	☆							
			9.5	3.18	1.19	TCMT 11 03 12-KM													★	☆								
		16	16.1	3.97	0.40	TCMT 16 T3 04-KM													★	☆	☆							
			15.7	3.97	0.79	TCMT 16 T3 08-KM													★	☆	☆							
			15.3	3.97	1.19	TCMT 16 T3 12-KM													★	☆	☆							
		22	21.2	4.76	0.79	TCMT 22 04 08-KM													★	☆	☆							

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CoroTurn® 107 insert for turning

T-style insert (Triangular)





			LE	S	RE	ISO CODE	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
Medium	AL	06	6.2	1.98	0.40	TCGX 06 T1 04-AL																	★						
		09	9.2	2.38	0.20	TCGX 09 02 02-AL																	★						
			9.0	2.38	0.40	TCGX 09 02 04-AL																	★						
		11	10.5	2.38	0.20	TCGX 11 02 02-AL																	★						
			10.3	2.38	0.40	TCGX 11 02 04-AL																	★						
			9.9	2.38	0.79	TCGX 11 02 08-AL																	★						
			10.5	3.18	0.20	TCGX 11 03 02-AL																	★						
			10.3	3.18	0.40	TCGX 11 03 04-AL																	★						
			9.9	3.18	0.79	TCGX 11 03 08-AL																	★						
		16	16.1	3.97	0.40	TCGX 16 T3 04-AL																	★						
			15.7	3.97	0.79	TCGX 16 T3 08-AL																	★						
	UM	09	9.0	2.38	0.40	TCGT 09 02 04-UM						★																	
		11	10.6	2.38	0.10	TCGT 11 02 01-UM						★		★							★			★				★	☆
			10.5	2.38	0.20	TCGT 11 02 02-UM						★		★							★			★				★	☆
			10.3	2.38	0.40	TCGT 11 02 04-UM						★		★							★			★				★	☆
			9.9	2.38	0.79	TCGT 11 02 08-UM						★		★			☆				★			★				★	☆
			10.6	3.18	0.10	TCGT 11 03 01-UM						★		★														★	
			10.5	3.18	0.20	TCGT 11 03 02-UM						★	★	☆												☆		★	
			10.3	3.18	0.40	TCGT 11 03 04-UM						★	★	☆												☆		★	
			9.9	3.18	0.79	TCGT 11 03 08-UM						★	★	☆												☆		★	
		16	16.1	3.97	0.40	TCGT 16 T3 04-UM						★													★				
			15.7	3.97	0.79	TCGT 16 T3 08-UM																			★				
	UM	09	9.0	2.38	0.40	TCMT 09 02 04-UM	☆		☆	★		☆	★	☆												★	☆		
			8.6	2.38	0.79	TCMT 09 02 08-UM	☆		☆	★																			
		11	10.3	2.38	0.40	TCMT 11 02 04-UM	☆		☆	★	☆	☆		☆	☆	★		☆			★			★			★	☆
			9.9	2.38	0.79	TCMT 11 02 08-UM	☆		☆	★	☆	☆		☆	☆	★		☆			★			★			★	☆
		16	16.1	3.97	0.40	TCMT 16 T3 04-UM			☆	★	☆		★	☆												★	☆		
			15.7	3.97	0.79	TCMT 16 T3 08-UM			☆	★	☆		★	☆												★	☆		
Roughing	PR	11	9.9	3.18	0.79	TCMT 11 03 08-PR			☆	☆	★																		
			9.5	3.18	1.19	TCMT 11 03 12-PR				★																			
		16	15.7	3.97	0.79	TCMT 16 T3 08-PR			☆	☆	★																		
			15.3	3.97	1.19	TCMT 16 T3 12-PR			☆	☆	★																		
		22	21.2	4.76	0.79	TCMT 22 04 08-PR				☆	★																		
			20.8	4.76	1.19	TCMT 22 04 12-PR				☆	★																		
	KR	11	9.9	3.18	0.79	TCMT 11 03 08-KR													☆	★									
			9.5	3.18	1.19	TCMT 11 03 12-KR													☆	★									
		16	15.7	3.97	0.79	TCMT 16 T3 08-KR													☆	★	☆								
			15.3	3.97	1.19	TCMT 16 T3 12-KR													☆	★	☆								
		22	21.2	4.76	0.79	TCMT 22 04 08-KR													☆	★	☆								
			20.8	4.76	1.19	TCMT 22 04 12-KR													☆	★	☆								
	MR	11	9.9	3.18	0.79	TCMT 11 03 08-MR										☆	★	☆											
		16	15.7	3.97	0.79	TCMT 16 T3 08-MR									☆	☆	★	☆							★				
			15.3	3.97	1.19	TCMT 16 T3 12-MR										☆	★	☆											
		22	21.2	4.76	0.79	TCMT 22 04 08-MR											★												
			20.8	4.76	1.19	TCMT 22 04 12-MR											★												
	UR	11	10.3	2.38	0.40	TCMT 11 02 04-UR			☆	☆	★										★			★					★
			9.9	2.38	0.79	TCMT 11 02 08-UR	☆		☆	☆	★					★		☆	☆	★	☆			★					★
		16	16.1	3.97	0.40	TCMT 16 T3 04-UR			☆	★																			
			15.7	3.97	0.79	TCMT 16 T3 08-UR			☆	☆	★																		
			15.3	3.97	1.19	TCMT 16 T3 12-UR			☆	★						★		☆											

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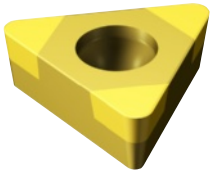
SANDVIK Coromant

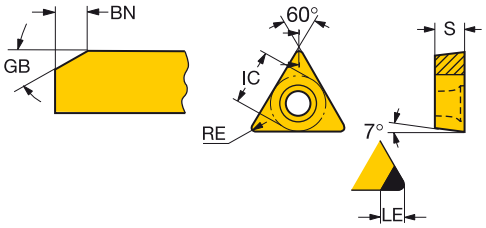
ENG

CoroTurn® 107 insert for turning

T-style insert (Triangular)

Advanced cutting materials



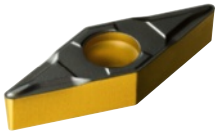


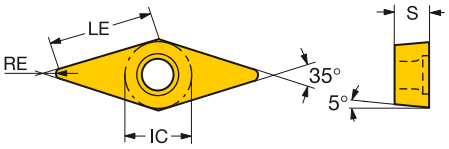
		LE	S	RE	GB	BN	ISO CODE	K 7525	N CD05	N CD10	H 7015	H 7025	H 7105	H 7115	H 7525
Finishing	06	2.0	1.59	0.2	20°	0.10	TCGW06T102S01020E							★	
		1.5	1.98	0.2	20°	0.10	TCGW06T102T01020E					★			
		1.8	1.98	0.4	20°	0.10	TCGW06T104S01020E				☆	☆	☆	★	☆
	09	1.8	2.38	0.2	20°	0.10	TCGW090202S01020F				☆	☆		★	
		1.8	2.38	0.4	20°	0.10	TCGW090204S01020F				☆	☆	☆	★	
		1.8	2.38	0.4	30°	0.10	TCGW090204S01030F				★				
		2.8	2.38	0.4	30°	0.15	TCGW090204S01530F					★			☆
		2.7	2.38	0.4			TCMW090204FP		☆	★					
	11	2.8	2.38	0.2	20°	0.10	TCGW110202T01020F	★							★
		1.8	2.38	0.4	20°	0.10	TCGW110204S01020F				★	☆			
		1.8	2.38	0.4	30°	0.15	TCGW110204S01530F					★			
		2.8	2.38	0.4	20°	0.10	TCGW110204T01020F	★							★
		2.9	2.38	0.8	20°	0.10	TCGW110208S01020F				★	☆			
		2.0	2.38	0.8	30°	0.15	TCGW110208S01530F					★			
		1.8	3.18	0.4	20°	0.10	TCGW110304S01020F	★			☆	☆	☆	★	☆
		1.8	3.18	0.4	30°	0.15	TCGW110304S01530F					★			
		2.8	3.18	0.4	20°	0.10	TCGW110304T01020F	★							★
		2.0	3.18	0.8	20°	0.10	TCGW110308S01020F	★			☆	☆	☆	★	☆
		2.9	3.18	0.8	30°	0.15	TCGW110308S01530F					★			☆
		2.9	3.18	0.8	20°	0.10	TCGW110308T01020F	★							★
		2.7	2.38	0.4			TCMW110204FP		☆	★					
		2.4	2.38	0.8			TCMW110208FP			★					
		2.7	3.18	0.4			TCMW110304FP			★					
		2.4	3.18	0.8			TCMW110308FP			★					
	16	7.4	3.97	0.4			TCMW16T304FLP			★					
		4.2	3.97	0.4			TCMW16T304FP		☆	★					
		7.4	3.97	0.4			TCMW16T304FRP			★					
		3.9	3.97	0.8			TCMW16T308FP		☆	★					

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CoroTurn® 107 insert for turning

V-style insert (Rhombic 35°)





			LE	S	RE	ISO CODE	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
Finishing	PF	11	10.9	3.18	0.20	VCMT 11 03 02-PF						★																	
			10.7	3.18	0.40	VCMT 11 03 04-PF			★	☆		☆																	
			10.9	3.18	0.20	VBMT 11 03 02-PF	★			☆		☆																	
			10.7	3.18	0.40	VBMT 11 03 04-PF	☆		★	☆		☆																	
			10.3	3.18	0.79	VBMT 11 03 08-PF			★	☆		☆																	
			9.9	3.18	1.19	VBMT 11 03 12-PF			★	☆																			
		16	16.4	4.76	0.20	VBMT 16 04 02-PF						★																	
			16.2	4.76	0.40	VBMT 16 04 04-PF			★	☆		☆																	
			15.8	4.76	0.79	VBMT 16 04 08-PF			★	☆		☆																	
			15.4	4.76	1.19	VBMT 16 04 12-PF			★																				
	MF	11	10.9	3.18	0.20	VCMT 11 03 02-MF								★													★		
			10.7	3.18	0.40	VCMT 11 03 04-MF								☆	★												★		
	KF	11	10.9	3.18	0.20	VBMT 11 03 02-KF															★								
			10.7	3.18	0.40	VBMT 11 03 04-KF													★	☆	☆								
			10.3	3.18	0.79	VBMT 11 03 08-KF													★	☆									
			10.7	3.18	0.40	VCMT 11 03 04-KF													★	☆									
		16	16.4	4.76	0.20	VBMT 16 04 02-KF															★								
			16.2	4.76	0.40	VBMT 16 04 04-KF													★	☆	☆								
			15.8	4.76	0.79	VBMT 16 04 08-KF													★	☆	☆								
	MF	11	10.9	3.18	0.20	VBMT 11 03 02-MF							★	☆											★	☆	☆		
			10.7	3.18	0.40	VBMT 11 03 04-MF							☆	☆	★	☆		☆							★	☆	☆		
			10.3	3.18	0.79	VBMT 11 03 08-MF							☆	☆	★	☆		☆							★	☆	☆		
		16	16.4	4.76	0.20	VBMT 16 04 02-MF							★	☆											★	☆	☆		
			16.2	4.76	0.40	VBMT 16 04 04-MF							☆	☆	★	☆		☆							★	☆	☆		
			15.8	4.76	0.79	VBMT 16 04 08-MF							☆	☆	★	☆		☆							★	☆	☆		☆
			15.4	4.76	1.19	VBMT 16 04 12-MF									★														
	UF	11	10.9	2.38	0.20	VBMT 11 02 02-UF	★			☆	☆	☆		★							★	☆		★			★	☆		
			10.7	2.38	0.40	VBMT 11 02 04-UF	☆		★	☆	☆	☆		★							★	☆		★			★	☆		
			10.3	2.38	0.79	VBMT 11 02 08-UF	☆		★	☆	☆	☆									★			★				★		
Medium	PM	16	16.2	4.76	0.40	VBMT 16 04 04-PM	☆	☆	☆	★	☆	☆																	
			15.8	4.76	0.79	VBMT 16 04 08-PM	☆	☆	☆	★	☆	☆																	
			15.4	4.76	1.19	VBMT 16 04 12-PM	☆	☆	☆	★	☆	☆																	
		11	10.7	3.18	0.40	VCMT 11 03 04-PM	☆		☆	★	☆																		
			10.3	3.18	0.79	VCMT 11 03 08-PM			☆	★																			
	MM	16	16.2	4.76	0.40	VBMT 16 04 04-MM							☆	☆	☆	★	☆	☆							★	☆	☆		
			15.8	4.76	0.79	VBMT 16 04 08-MM							☆	☆	☆	★	☆	☆							★	☆	☆		
			15.4	4.76	1.19	VBMT 16 04 12-MM							☆	☆	☆	★	☆	☆								★	☆		
		11	10.7	3.18	0.40	VCMT 11 03 04-MM								☆		★		☆									★		
			10.3	3.18	0.79	VCMT 11 03 08-MM										★		☆											
	KM	11	10.3	3.18	0.79	VCMT 11 03 08-KM													★	☆									
		16	16.2	4.76	0.40	VBMT 16 04 04-KM													★	☆	☆								
			15.8	4.76	0.79	VBMT 16 04 08-KM													★	☆	☆								
			15.4	4.76	1.19	VBMT 16 04 12-KM													★	☆	☆								
	UM	16	16.5	4.76	0.10	VBGT 16 04 01-UM							★	☆							★	☆		★	★	☆	☆	☆		
			16.4	4.76	0.20	VBGT 16 04 02-UM							★	☆							★	☆		★	★	☆	☆	☆		
			16.2	4.76	0.40	VBGT 16 04 04-UM							★	☆							★	☆		★	★	☆	☆	☆	☆	
			15.8	4.76	0.79	VBGT 16 04 08-UM							★	☆							★	☆		★	★	☆	☆	☆	☆	
	UM	11	11.0	3.18	0.10	VCET 11 03 01-UM							★	☆								★	☆		★	☆	☆		
			10.9	3.18	0.20	VCET 11 03 02-UM							★	☆								★			★	☆	☆		
			11.0	3.18	0.10	VCGT 11 03 01-UM							★	☆							★	☆		★		☆	★	☆		
			10.9	3.18	0.20	VCGT 11 03 02-UM							★	☆							★	☆		★		☆	★	☆		
			10.7	3.18	0.40	VCGT 11 03 04-UM							★	☆							★	☆		★		☆	★	☆		

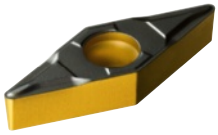
A53 A78 A262 A278 H36 H6

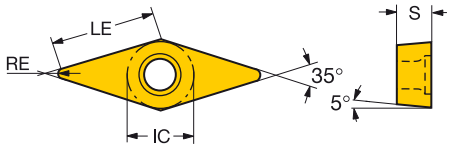
SANDVIK Coromant

ENG

CoroTurn® 107 insert for turning

V-style insert (Rhombic 35°)





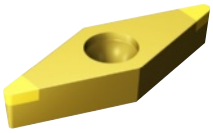
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							1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	H10	H13A	1105	1115	1125	H13A	S05F	
Medium	AL	11	10.9	2.38	0.20	VCGX 11 02 02-AL																	★							
			10.7	2.38	0.40	VCGX 11 02 04-AL																	★							
			10.9	3.18	0.20	VCGX 11 03 02-AL																	★							
			10.7	3.18	0.40	VCGX 11 03 04-AL																	★							
		16	16.2	4.76	0.40	VCGX 16 04 04-AL																	★							
			15.8	4.76	0.79	VCGX 16 04 08-AL																	★							
			15.4	4.76	1.19	VCGX 16 04 12-AL																	★							
		22	20.1	5.56	2.00	VCGX 22 05 20-AL																	★							
			19.1	5.56	3.00	VCGX 22 05 30-AL																	★							
	UM	16	16.2	4.76	0.40	VBMT 16 04 04-UM	☆		☆	★	☆	☆	☆	☆		★		☆			★	☆		★		★	☆	☆		
			15.8	4.76	0.79	VBMT 16 04 08-UM	☆		☆	★	☆	☆	☆	☆		★		☆			★	☆		★		★	☆	☆		
			15.4	4.76	1.19	VBMT 16 04 12-UM				★			★	☆												★	☆			
Roughing	PR	16	15.8	4.76	0.79	VBMT 16 04 08-PR		☆	☆	☆	★																			
			15.4	4.76	1.19	VBMT 16 04 12-PR		☆	☆	☆	★																			
	KR	16	15.8	4.76	0.79	VBMT 16 04 08-KR													☆	★	☆									
			15.4	4.76	1.19	VBMT 16 04 12-KR													☆	★	☆									
	MR	16	15.8	4.76	0.79	VBMT 16 04 08-MR									☆	☆	★	☆							★					
			15.4	4.76	1.19	VBMT 16 04 12-MR										☆	★	☆							★					
	UR	16	16.2	4.76	0.40	VBMT 16 04 04-UR			☆	☆	★										★			★				★		
			15.8	4.76	0.79	VBMT 16 04 08-UR			☆	☆	★										★			★				★		
			15.4	4.76	1.19	VBMT 16 04 12-UR			☆	★											★			★				★		

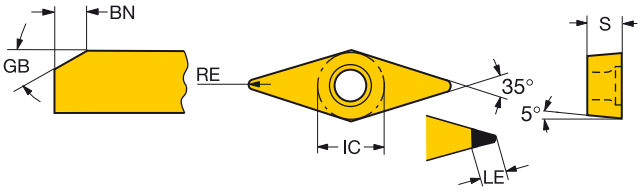
A53 A78 A262 A278 H36 H6

CoroTurn® 107 insert for turning

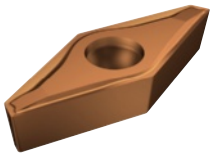
V-style insert (Rhombic 35°)

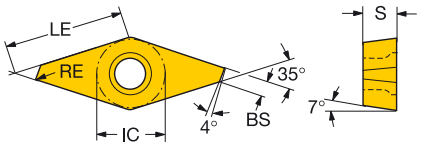
Advanced cutting materials





		LE	S	RE	GB	BN	ISO CODE	K	N		H				
								7525	CD05	CD10	7015	7025	7105	7115	7525
Finishing	11	2.5	3.18	0.2	20°	0.10	VBGW110302S01020F							★	
		2.3	3.18	0.2	20°	0.10	VBGW110302T01020F					★			
		2.5	3.18	0.4	20°	0.10	VBGW110304S01020F				☆	☆	☆	★	☆
		4.4	2.38	0.4			VCMW110204FP		☆	★					
		4.4	3.18	0.4			VCMW110304FP			★					
	16	2.5	4.76	0.4	20°	0.10	VBGW160404S01020F				☆	☆	☆	★	
		3.0	4.76	0.4	30°	0.10	VBGW160404S01030F					★			
		3.0	4.76	0.4	30°	0.15	VBGW160404S01530F				★				
		4.0	4.76	0.4	20°	0.10	VBGW160404T01020F	★							★
		2.5	4.76	0.8	20°	0.10	VBGW160408S01020F				☆	☆	☆	★	
		3.0	4.76	0.8	30°	0.15	VBGW160408S01530F				★	☆			
		4.0	4.76	0.8	20°	0.10	VBGW160408T01020F	★							★
		4.4	4.76	0.4			VCMW160404FP		☆	★					
		3.5	4.76	0.8			VCMW160408FP		☆	★					
		2.7	4.76	1.2			VCMW160412FP			★					





		LE	S	RE	ISO CODE	P	M		N	S		
						5015	1115	1125	1125	1105	1115	1125
Finishing	11	11.1	3.18	0.0	VCEX 11 03 00L-F	★	★	☆	★	★	☆	☆
		11.1	3.18	0.0	VCEX 11 03 00R-F	★	★	☆	★	★	☆	☆
		11.0	3.18	0.1	VCEX 11 03 01L-F	★	★	☆	★	★	☆	☆
		11.0	3.18	0.1	VCEX 11 03 01R-F	★	★	☆	★	★	☆	☆

A53 A78 A262 A278 H36 H6 H3

SANDVIK Coromant

CoroTurn® 107 tools for external machining

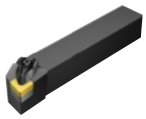
Coromant Capto®



Tools for insert shapes

C	D	R	V
A54-A55	A56-A57	A58-A60	A61-A65
Screw clamp	Screw clamp	Screw clamp	Screw clamp

Shank tool



Tools for insert shapes

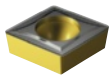
C	D	R	S	T	V
A66-A67	A68-A69	A70	A71-A72	A73-A74	A75-A77
Screw clamp	Screw clamp	Screw clamp	Screw clamp	Screw clamp	Screw clamp

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

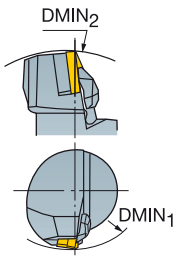




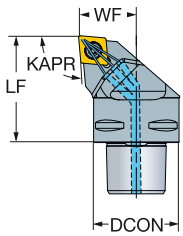
CCMT, CCGT
CCGX, CCET

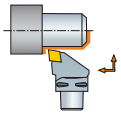
CCMW

KAPR



95.0°



		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	09	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
		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
	12	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
		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

R = Right hand, L = Left hand

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

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

A35 F2 E3 G2 H36 H10 H5

SANDVIK Coromant

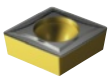
ENG

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply



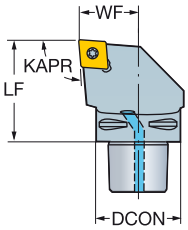


CCMT, CCGT
CCGX, CCET

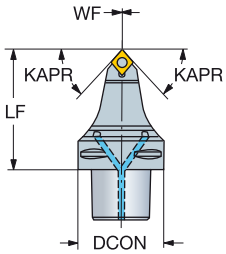
CCMW

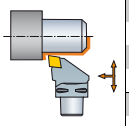
KAPR

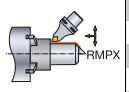
Cx-SCLCR/L
95.0°



Cx-SCMCN (M-T)
50.0°



		CZC$_{MS}$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	09	C3	3	C3-SCLCR/L-22040-09	32	40.0	22.0	10	3.0	0.24	CCMT 09 T3 08
		C4	3	C4-SCLCR/L-27050-09	40	50.0	27.0	10	3.0	0.46	CCMT 09 T3 08
		C5	3	C5-SCLCR/L-35060-09	50	60.0	35.0	10	3.0	0.87	CCMT 09 T3 08
		C6	3	C6-SCLCR/L-45065-09	63	65.0	45.0	10	3.0	1.50	CCMT 09 T3 08
	12	C3	3	C3-SCLCR/L-22040-12	32	40.0	22.0	10	3.0	0.24	CCMT 12 04 08
		C4	3	C4-SCLCR/L-27050-12	40	50.0	27.0	10	3.0	0.45	CCMT 12 04 08
		C5	3	C5-SCLCR/L-35060-12	50	60.0	35.0	10	3.0	0.85	CCMT 12 04 08
		C6	3	C6-SCLCR/L-45065-12	63	65.0	45.0	10	3.0	1.49	CCMT 12 04 08

		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	12	C6	45°	3	C6-SCMCN-00090-12	63	90.0	0.0	10	3.0	1.35	CCMT 12 04 08

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 complete list of spare parts, see www.sandvik.coromant.com


A35


F2


E3


G2



H36



H10



H5

CoroTurn® 107 cutting unit for turning

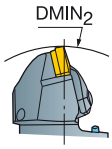
Screw clamp design

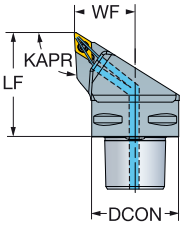
Coromant Capto® - Precision coolant supply





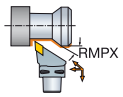
KAPR 93.0°





DCMT, DCMX
DCGT, DCGX, DCET

DCMW

		CZC_{MS}	$DMIN_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	11	C3	116.0	27°	3	**C3-SDJCR/L-22040-11HPA**	32	40.0	22.0	150	3.0	0.22	DCMT 11 T3 08
		C4	140.0	27°	3	**C4-SDJCR/L-27050-11HPA**	40	50.0	27.0	150	3.0	0.42	DCMT 11 T3 08
		C5	165.0	27°	3	**C5-SDJCR/L-35060-11HPA**	50	60.0	35.0	150	3.0	0.73	DCMT 11 T3 08
		C6	190.0	27°	3	**C6-SDJCR/L-45065-11HPA**	63	65.0	45.0	150	3.0	1.19	DCMT 11 T3 08

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 complete list of spare parts, see www.sandvik.coromant.com

ENG

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply



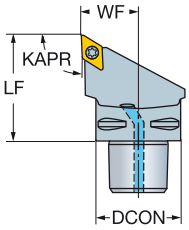


DCMT, DCMX
DCGT, DCGX, DCET

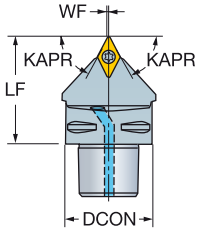
DCMW

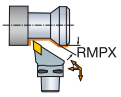
KAPR

Cx-SDJCR/L
93.0°



Cx-SDNCN
62.5°



		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	07	C3	27°	3	C3-SDJCR-22040-07	32	40.0	22.0	10	0.9	0.21	DCMT 07 02 04
		C4	27°	3	C4-SDJCR-27050-07	40	50.0	27.0	10	0.9	0.26	DCMT 07 02 04
	11	C3	27°	3	C3-SDJCR/L-22040-11	32	40.0	22.0	10	3.0	0.21	DCMT 11 T3 08
		C4	27°	3	C4-SDJCR/L-27050-11	40	50.0	27.0	10	3.0	0.41	DCMT 11 T3 08
		C5	27°	3	C5-SDJCR/L-35060-11	50	60.0	35.0	10	3.0	0.75	DCMT 11 T3 08
		C6	27°	3	C6-SDJCR/L-45065-11	63	65.0	45.0	10	3.0	1.16	DCMT 11 T3 08
	11	C3	57°	3	C3-SDNCN-00040-11	32	40.0	0.5	10	3.0	0.20	DCMT 11 T3 08
		C4	57°	3	C4-SDNCN-00050-11	40	50.0	0.5	10	3.0	0.38	DCMT 11 T3 08
		C5	57°	3	C5-SDNCN-00060-11	50	60.0	0.5	10	3.0	0.66	DCMT 11 T3 08

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

		Spare parts			
	CZC$_{MS}$	Screw	Shim	Shim screw	Nozzle
07	C3-C4	5513 020-03			5691 034-01
11	C3-C4	5513 020-01	5322 263-01	5512 090-01	5691 034-01
11	C5-C6	5513 020-01	5322 263-01	5512 090-01	5691 034-02

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

A35 F2 E3 G2 H36 H10 H5

CoroTurn® 107 cutting unit for turning

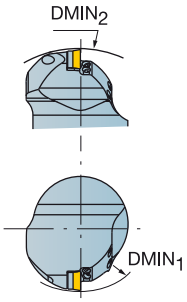
Screw clamp design

Coromant Capto® - Precision coolant supply

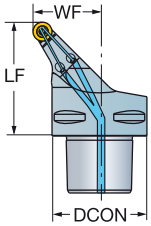




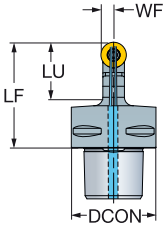
RCMT
RCGX-AL

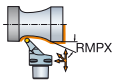


Cx-SRSCR/L..HP



Cx-SRDCN..HPA



									Dimensions, mm						
		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	LU	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR	NM	KG	MIID
	10	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
		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
	12	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
		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
		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
		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
	16	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
		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
	10	C5		165.0	25.0	90°	3	C5-SRDCN00060-10AHPA	50	60.0	5.0	150	3.0	0.70	RCMT 10 T3 M0
	12	C4		140.0	28.0	90°	3	C4-SRDCN00050-12AHPA	40	50.0	6.0	150	3.0	0.34	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
		C6		190.0	28.0	90°	3	C6-SRDCN00065-12AHPA	63	65.0	6.0	150	3.0	1.05	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
	16	C6		190.0	35.0	90°	3	C6-SRDCN00065-16AHPA	63	65.0	8.0	150	6.4	1.04	RCMT 16 06 M0

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 complete list of spare parts, see www.sandvik.coromant.com

ENG

CoroTurn® 107 cutting unit for turning

Screw clamp design

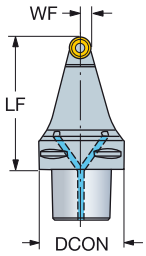
Coromant Capto® - Internal coolant supply

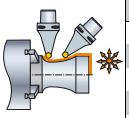






RCMT
RCGX-AL



						Dimensions, mm						
		CZC$_{MS}$	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR	NM	KG	MIID
	10	C6	90°	3	C6-SRDCN-00100-10	63	100.0	5.0	10	3.0	1.42	RCMT 10 T3 M0
	16	C6	90°	3	C6-SRDCN-00100-16	63	100.0	8.0	10	6.4	1.44	RCMT 16 06 M0

N = Neutral

		Spare parts			
	CZC$_{MS}$	Screw	Shim	Shim screw	Nozzle
10	C6	5513 020-10	5322 110-01	5512 090-01	5691 045-01
16	C6	5513 020-26	5322 110-03	5512 090-06	5691 045-01

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


A35


F2


E3


G2



H36



H10



H5

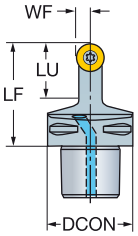
CoroTurn® 107 cutting unit for turning

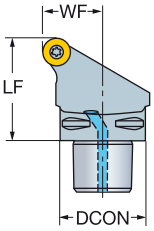
Screw clamp design

Coromant Capto® - Internal coolant supply









RCMT
RCGX-AL

		CZC$_{MS}$	LU	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	06	C4	12.0	90°	3	C4-SRDCN-00050-06A	40	50.0	3.0	10	0.9	0.40	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
	08	C4	16.0	90°	3	C4-SRDCN-00050-08A	40	50.0	4.0	10	1.4	0.36	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
	10	C4	25.0	90°	3	C4-SRDCN-00050-10A	40	50.0	5.0	10	3.0	0.33	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
		C6	25.0	90°	3	C6-SRDCN-00065-10A	63	65.0	5.0	10	3.0	1.09	RCMT 10 T3 M0
	12	C4	28.0	90°	3	C4-SRDCN-00050-12A	40	50.0	6.0	10	3.0	0.33	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
		C6	28.0	90°	3	C6-SRDCN-00065-12A	63	65.0	6.0	10	3.0	1.07	RCMT 12 04 M0
	16	C5	35.0	90°	3	C5-SRDCN-00060-16A	50	60.0	8.0	10	6.4	0.59	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
	20	C5	40.0	90°	3	C5-SRDCN-00060-20A	50	60.0	10.0	10	9.5	0.60	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
	06	C4		27°	3	C4-SRSCR-27050-06	40	50.0	27.0	10	0.9	0.40	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
	08	C4		27°	3	C4-SRSCR/L-27050-08	40	50.0	27.0	10	1.4	0.36	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
	10	C3		27°	3	C3-SRSCR-22040-10	32	40.0	22.0	10	3.0	0.22	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
		C5		27°	3	C5-SRSCR/L-35060-10	50	60.0	35.0	10	3.0	0.75	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
	12	C4		27°	3	C4-SRSCR/L-27050-12	40	50.0	27.0	10	3.0	0.40	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
		C6		27°	3	C6-SRSCR/L-45065-12	63	65.0	45.0	10	3.0	1.24	RCMT 12 04 M0
	16	C5		27°	3	C5-SRSCR/L-35060-16	50	60.0	35.0	10	6.4	0.70	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
	20	C5		27°	3	C5-SRSCR/L-35060-20	50	60.0	35.0	10	9.5	0.86	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

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

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

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


A35


F2


E3


G2



H36



H10



H5

SANDVIK Coromant

ENG

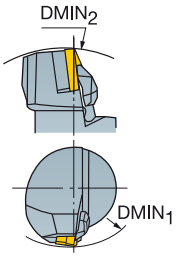
CoroTurn® 107 cutting unit for turning

Screw clamp design

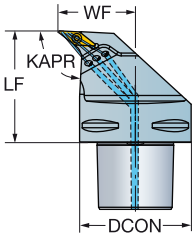
Coromant Capto® - Precision coolant supply



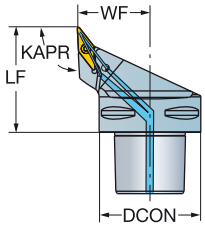
KAPR



Cx-SVUBR/L..HP
93.0°

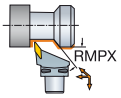
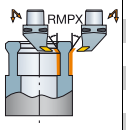


Cx-SVJBR/L..HP
93.0°



VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	C4		140.0	50°	3	C4-SVJBR/L-27050-16HP	40	50.0	27.0	150	3.0	0.40	VBMT 16 04 08
		C5		200.0	50°	3	C5-SVJBR/L-35060-16HP	50	60.0	35.0	150	3.0	0.71	VBMT 16 04 08
		C6		200.0	50°	3	C6-SVJBR/L-45065-16HP	63	65.0	45.0	150	3.0	1.27	VBMT 16 04 08
		C8		240.0	50°	3	C8-SVJBR/L-55080-16HP	80	80.0	55.0	150	3.0	2.51	VBMT 16 04 08
	11	C3		116.0	50°	3	C3-SVJBR/L2204011HPAB1	32	40.0	22.0	150	0.9	0.19	VBMT 11 03 04
		C4	105.0	140.0	50°	3	C4-SVJBR/L2705011HPAB1	40	50.0	27.0	150	0.9	0.38	VBMT 11 03 04
	16	C4		140.0	50°	3	C4-SVJBR/L-27050-16HPA	40	50.0	27.0	150	3.0	0.38	VBMT 16 04 08
		C5		165.0	50°	3	C5-SVJBR/L-35060-16HPA	50	60.0	35.0	150	3.0	0.70	VBMT 16 04 08
		C6		190.0	50°	3	C6-SVJBR/L-45065-16HPA	63	65.0	45.0	150	3.0	1.15	VBMT 16 04 08
	16	C6	85.0		0°	3	C6-SVUBR/L-45065-16HP	63	65.0	45.0	150	3.0	1.41	VBMT 16 04 08
		C8	100.0		0°	3	C8-SVUBR/L-55080-16HP	80	80.0	55.0	150	3.0	2.79	VBMT 16 04 08

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 complete list of spare parts, see www.sandvik.coromant.com

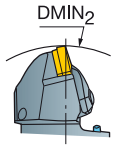
CoroTurn® 107 cutting unit for turning

Screw clamp design

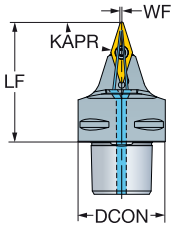
Coromant Capto® - Precision coolant supply



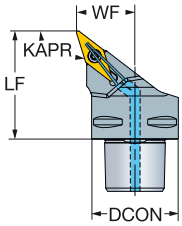
KAPR



Cx-SVVBN..HPA
72.5°



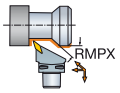
Cx-SVHBR/L..HPA
107.5°





VBMT, VBGT
VCGX,
VCGT, VCET

VBMW, VCMW

		CZC$_{MS}$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	C4	140.0	35°	3	**C4-SVHBR/L-27050-16HPA**	40	50.0	27.0	150	3.0	0.38	VBMT 16 04 08
		C5	165.0	35°	3	**C5-SVHBR/L-35060-16HPA**	50	60.0	35.0	150	3.0	0.70	VBMT 16 04 08
		C6	190.0	35°	3	**C6-SVHBR/L-45065-16HPA**	63	65.0	45.0	150	3.0	1.17	VBMT 16 04 08
	16	C4	140.0	70°	3	**C4-SVVBN-00055-16HPA**	40	55.0	0.6	150	3.0	0.38	VBMT 16 04 08
		C5	165.0	70°	3	**C5-SVVBN-00060-16HPA**	50	60.0	0.6	150	3.0	0.60	VBMT 16 04 08
		C6	190.0	70°	3	**C6-SVVBN-00065-16HPA**	63	65.0	0.6	150	3.0	0.99	VBMT 16 04 08

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 complete list of spare parts, see www.sandvik.coromant.com

A35 F2 E3 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 cutting unit for turning

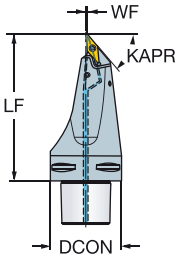
Screw clamp design

Coromant Capto® - Precision coolant supply

KAPR 50.0°

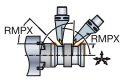






VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	C6	90°	3	**C6-SVMBR/L-00130-16HP**	63	130.0	1.2	150	3.0	1.96	VBMT 16 04 08

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 complete list of spare parts, see www.sandvik.coromant.com

CoroTurn® 107 cutting unit for turning

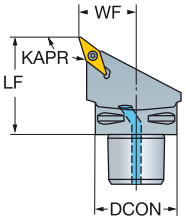
Screw clamp design

Coromant Capto® - Internal coolant supply

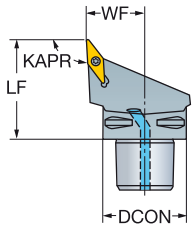


KAPR

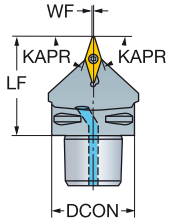
Cx-SVHBR/L
107.5°



Cx-SVJBR/L
93.0°



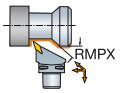
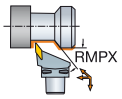
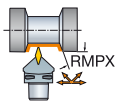
Cx-SVVBN
72.5°





VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

						Dimensions, mm						
		CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR	NM	KG	MIID
	11	C3	35°	3	C3-SVHBR/L-22040-11	32	40.0	22.0	10	0.9	0.20	VBMT 11 02 04
		C3	35°	3	C3-SVHBR/L-22040-11-B1	32	40.0	22.0	10	0.9	0.20	VBMT 11 03 04
		C4	35°	3	C4-SVHBR/L-27050-11	40	50.0	27.0	10	0.9	0.40	VBMT 11 02 04
		C4	35°	3	C4-SVHBR/L-27050-11-B1	40	50.0	27.0	10	0.9	0.40	VBMT 11 03 04
		C5	35°	3	C5-SVHBR/L-35060-11	50	60.0	35.0	10	0.9	0.74	VBMT 11 02 04
	16	C4	35°	3	C4-SVHBR/L-27050-16	40	50.0	27.0	10	3.0	0.38	VBMT 16 04 08
		C5	35°	3	C5-SVHBR/L-35060-16	50	60.0	35.0	10	3.0	0.70	VBMT 16 04 08
		C6	35°	3	C6-SVHBR/L-45065-16	63	65.0	45.0	10	3.0	1.12	VBMT 16 04 08
	11	C3	50°	3	C3-SVJBR/L-22040-11	32	40.0	22.0	10	0.9	0.19	VBMT 11 02 04
		C3	50°	3	C3-SVJBR/L-22040-11-B1	32	40.0	22.0	10	0.9	0.20	VBMT 11 03 04
		C4	50°	3	C4-SVJBR/L-27050-11	40	50.0	27.0	10	0.9	0.38	VBMT 11 02 04
		C4	50°	3	C4-SVJBR/L-27050-11-B1	40	50.0	27.0	10	0.9	0.38	VBMT 11 03 04
		C5	50°	3	C5-SVJBR/L-35060-11	50	60.0	35.0	10	0.9	0.74	VBMT 11 02 04
	16	C4	50°	3	C4-SVJBR/L-27050-16	40	50.0	27.0	10	3.0	0.35	VBMT 16 04 08
		C5	50°	3	C5-SVJBR/L-35060-16	50	60.0	35.0	10	3.0	0.70	VBMT 16 04 08
		C6	50°	3	C6-SVJBR/L-45065-16	63	65.0	45.0	10	3.0	1.11	VBMT 16 04 08
	11	C3	70°	3	C3-SVVBN-00040-11-B1	32	40.0	0.3	10	0.9	0.18	VBMT 11 03 04
	16	C4	70°	3	C4-SVVBN-00050-16	40	50.0	0.6	10	3.0	0.36	VBMT 16 04 08
		C5	70°	3	C5-SVVBN-00060-16	50	60.0	0.6	10	3.0	0.56	VBMT 16 04 08
		C6	70°	3	C6-SVVBN-00065-16	63	65.0	0.6	10	3.0	1.00	VBMT 16 04 08

B1 = For insert with thickness 03 = 3.18 mm.

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

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

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

A35 F2 E3 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 cutting unit for turning

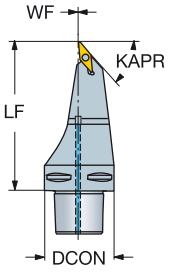
Screw clamp design

Coromant Capto® - Internal coolant supply

KAPR 50.0°

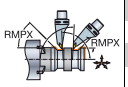






VBMT, VBGT
VCGX,
VCGT, VCET

VBMW, VCMW

		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	C5	90°	3	**C5-SVMBL-00115-16**	50	115.0	1.2	10	3.0	1.00	VBMT 16 04 08
		C6	90°	3	**C6-SVMBL-00130-16**	63	130.0	1.2	10	3.0	1.77	VBMT 16 04 08
		C6	47°	3	**C6-SVMBL-33120-16**	63	120.0	32.9	10	3.0	1.96	VBMT 16 04 08

L = Left hand

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

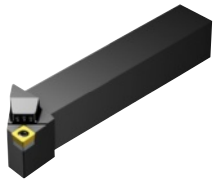
For complete list of spare parts, see www.sandvik.coromant.com

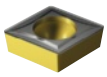
A35 F2 E3 G2 H36 H10 H5

CoroTurn® 107 shank tool for turning

Screw clamp design

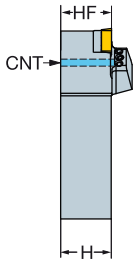
Precision coolant supply



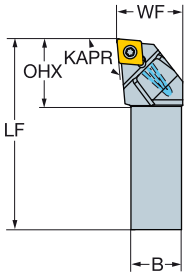


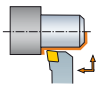
CCMT

KAPR



95.0°



		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

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 complete list of spare parts, see www.sandvik.coromant.com

A35 F2 E3 G2 H36 H10 H5

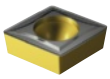
SANDVIK Coromant

ENG

CoroTurn® 107 shank tool for turning

Screw clamp design

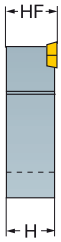




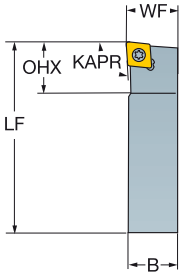
CCMT, CCGT
CCGX, CCET

CCMW

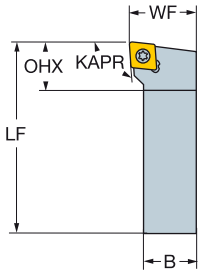
KAPR



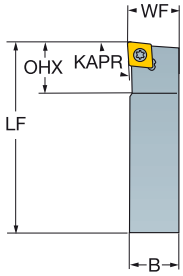
SCACR/L-S
90.0°

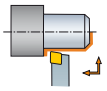
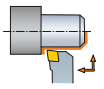
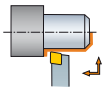


SCLCR/L
95.0°



SCLCR/L-S
95.0°



		CZC_{MS}	OHX	Ordering code	Dimensions, mm 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
	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
	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		
Ordering code	Screw	Shim	Shim screw
SCLCR/L 1616K 06-S	5513 020-03		
SCACR/L 1616K 09-S	5513 020-09		
SCLCR/L 1616H 09	5513 020-01	5322 232-01	5512 090-01
SCLCR/L 1616K 09-S	5513 020-09		
SCLCR/L 2020K 09	5513 020-01	5322 232-01	5512 090-01
SCLCR/L 2020K 12	5513 020-18	5322 232-02	5512 090-03
SCLCR/L 2525M 12	5513 020-18	5322 232-02	5512 090-03

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

 A35

 F2

 E3



H36

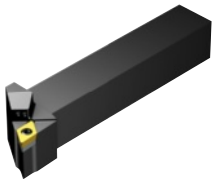


H10

CoroTurn® 107 shank tool for turning

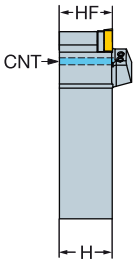
Screw clamp design

Precision coolant supply

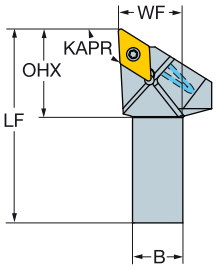




KAPR

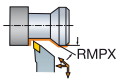


93.0°



DCMT, DCMX
DCGT, DCGX, DCET

DCMW

		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

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 complete list of spare parts, see www.sandvik.coromant.com

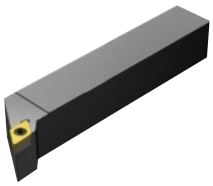
A35 F2 E3 G2 H36 H10 H5

SANDVIK Coromant

ENG

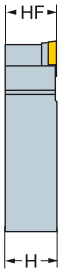
CoroTurn® 107 shank tool for turning

Screw clamp design

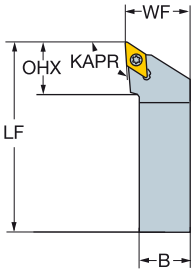




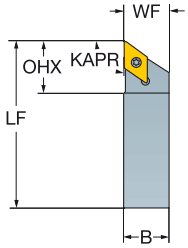
KAPR



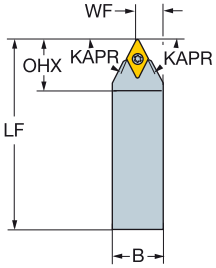
SDJCR/L
93.0°



SDJCR/L-S
93.0°

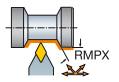


SDNCN
62.5°



DCMT, DCMX
DCGT, DCGX, DCET

DCMW

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	07	10 x 10	27°	15.7	SDJCR/L 1010E 07	10.0	10.0	70.0	12.0	10.0	0.9	0.04	DCMT 07 02 04
		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
		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
		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
	07	10 x 10	57°	14.5	SDNCN 1010E 07	10.0	10.0	70.0	5.2	10.0	0.9	0.06	DCMT 07 02 04
	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

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

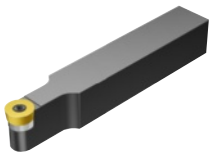
	Spare parts		
Ordering code	Screw	Shim	Shim screw
SDJCR/L 1010E 07	5513 020-03		
SDNCN 1010E 07	5513 020-03		
SDJCR/L 1616H 07	5513 020-03		
SDJCR/L 2020K 07	5513 020-03		
SDJCR/L 1616H 11	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 1616K 11-S	5513 020-09		
SDNCN 1616H 11	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 2020K 11	5513 020-01	5322 263-01	5512 090-01
SDNCN 2020K 11	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 2525M 11	5513 020-01	5322 263-01	5512 090-01
SDNCN 2525M 11	5513 020-01	5322 263-01	5512 090-01

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

A35 F2 E3 H36 H10

CoroTurn® 107 shank tool for turning

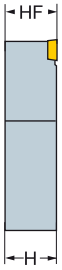
Screw clamp design

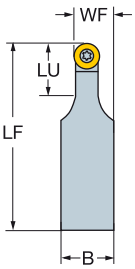




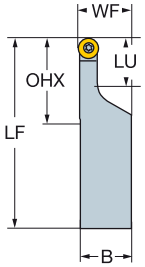
RCMT
RCGX-AL

SRDCN

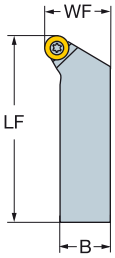


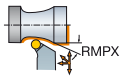


SRDCR/L



SRSCR/L



		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
	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

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 complete list of spare parts, see www.sandvik.coromant.com


A35


F2


E3



H36



H10

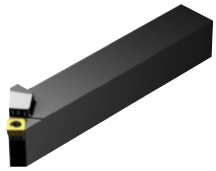
SANDVIK Coromant

ENG

CoroTurn® 107 shank tool for turning

Screw clamp design

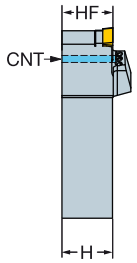
Precision coolant supply



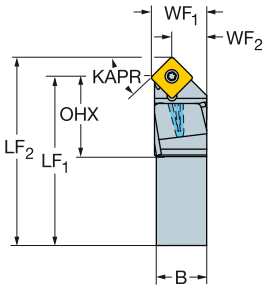


SCMT

KAPR



45.0°



						Dimensions, mm											
		CZC$_{MS}$	OHX	CNSC	Ordering code	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

R = Right hand, L = Left hand

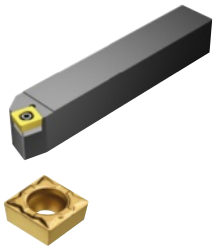
Spare parts			
Screw	Shim	Shim screw	Nozzle
5513 020-01	5322 420-01	5512 090-01	5691 026-23

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

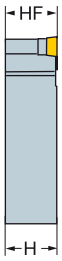
A35 F2 E3 G2 H36 H10 H5

CoroTurn® 107 shank tool for turning

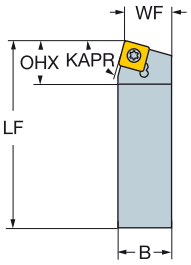
Screw clamp design



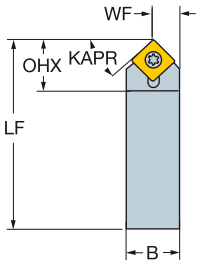
KAPR



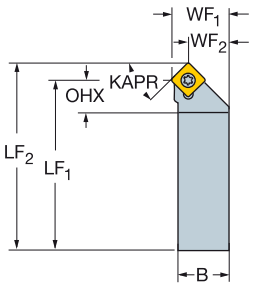
SSBCR/L
75.0°



SSDCN
45.0°



SSDCR/L
45.0°



SCMT, SCGX
SCMW

		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

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

		Spare parts		
	CZC$_{MS}$	Screw	Shim	Shim screw
09	16 x 16-20 x 20	5513 020-01	5322 420-01	5512 090-01
12	20 x 20-25 x 25	5513 020-18	5322 420-02	5512 090-03

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

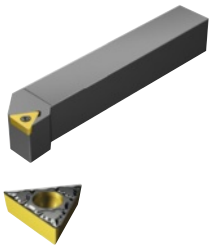
A35 F2 E3 H36 H10

SANDVIK Coromant

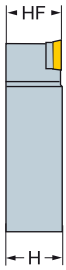
ENG

CoroTurn® 107 shank tool for turning

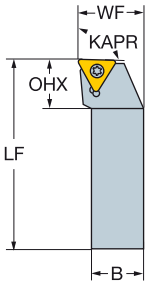
Screw clamp design



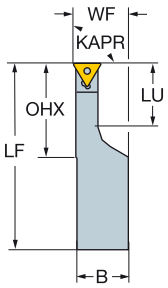
KAPR



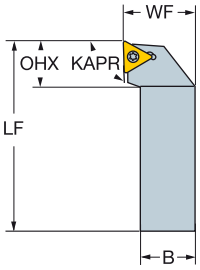
STFCR/L
91.0°



STFCR/L-A
90.0°

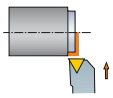
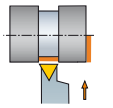
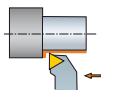


STGCR/L
91.0°



TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

		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

B1 = For insert with thickness 03 = 3.18 mm.

R = Right hand, L = Left hand

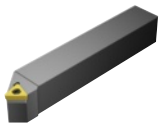
		Spare parts		
	CZC$_{MS}$	Screw	Shim	Shim screw
11	16 x 16-20 x 20	5513 020-03		
16	16 x 16-25 x 25	5513 020-01	5322 320-01	5512 090-01

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

A35 F2 E3 H36 H10

CoroTurn® 107 shank tool for turning

Screw clamp design





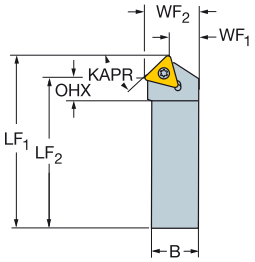
TCMT, TCMX, TCGT, TCGX TCEX

TCMW

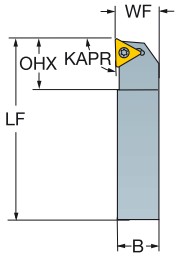
KAPR



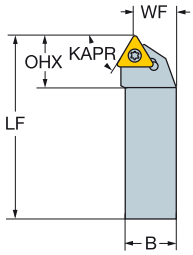
STDCR/L 45.0°

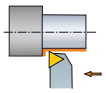


STJCR/L-S 93.0°



STTCR/L 60.0°



		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	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	0°	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
	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

B1 = For insert with thickness 03 = 3.18 mm.

R = Right hand, L = Left hand

		Spare parts		
	CZC$_{MS}$	Screw	Shim	Shim screw
11	16 x 16	5513 020-03		
16	16 x 16-25 x 25	5513 020-01	5322 320-01	5512 090-01

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

A35 F2 E3 H36 H10

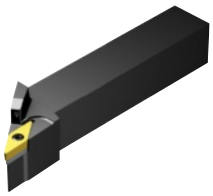
SANDVIK Coromant

ENG

CoroTurn® 107 shank tool for turning

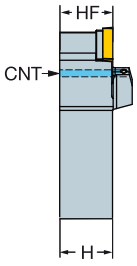
Screw clamp design

Precision coolant supply

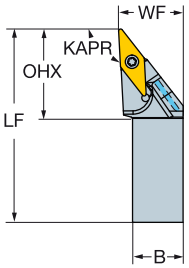




KAPR

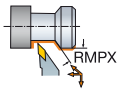


93.0°



VBMT, VBGT
VCGX,
VCGT, VCET

VBMW, VCMW

							Dimensions, mm									
		CZC_{MS}	RMPX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT	BAR	NM	KG	MIID
	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

R = Right hand, L = Left hand

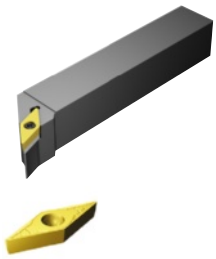
Spare parts			
Screw	Shim	Shim screw	Nozzle
5513 020-01	5322 270-01	5512 090-01	5691 026-13

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

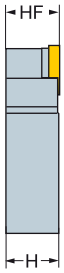
A35 F2 E3 G2 H36 H10 H5

CoroTurn® 107 shank tool for turning

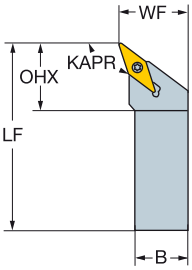
Screw clamp design



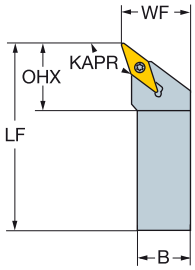
KAPR



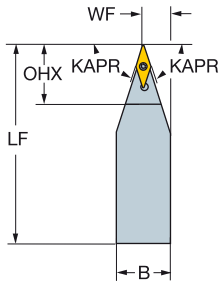
SVHBR/L
107.5°



SVHCR/L
107.5°

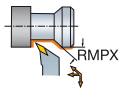
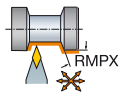


SVVBN
72.5°



VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

		CZC_{MS}	RMPX	OHX	Ordering code	Dimensions, mm 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
	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

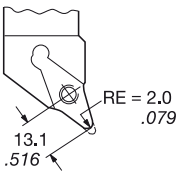
B1 = For insert with thickness 03 = 3.18 mm.

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

	Spare parts		
	Screw	Shim	Shim screw
11	5513 020-03		
16	5513 020-01	5322 270-01	5512 090-01
22	5513 020-18	5322 270-03	5512 090-03

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

When using insert VCGX 22 05 30-AL with radius 3.0 mm, together with shim 5322 270-04, the tool holder has to be modified. See picture.



A35 F2 E3 H36 H10

SANDVIK Coromant

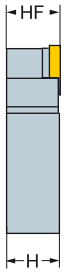
ENG

CoroTurn® 107 shank tool for turning

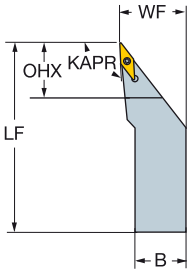
Screw clamp design



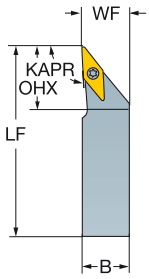
KAPR



SVJBR/L
93.0°

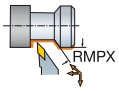
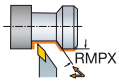


SVJBR/L-S
93.0°



VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

						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 = For insert with thickness 03 = 3.18 mm.

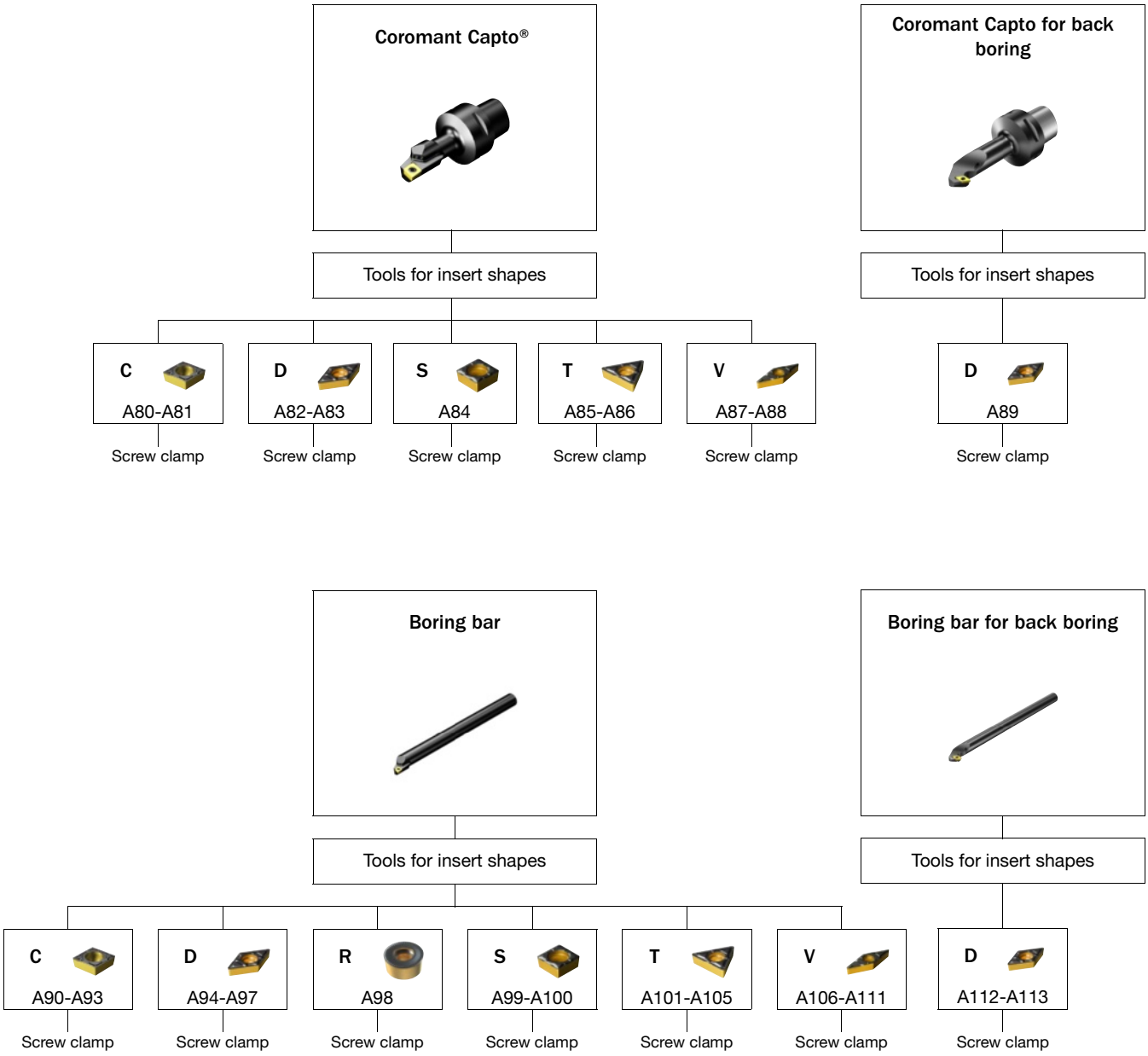
R = Right hand, L = Left hand

		Spare parts		
	CZC_{MS}	Screw	Shim	Shim screw
11	16 x 16-25 x 25	5513 020-03		
16	16 x 16	5513 020-09		
16	20 x 20-32 x 25	5513 020-01	5322 270-01	5512 090-01

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

A35 F2 E3 H36 H10

CoroTurn® 107 tools for internal machining



CoroTurn® 107 tools for internal machining

Solid carbide boring bar for turning



Tools for insert shapes

- C — A114 — Screw clamp
- D — A115 — Screw clamp
- T — A116-A117 — Screw clamp
- V — A118 — Screw clamp

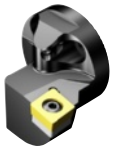
Damped carbide boring bar for turning



Tools for insert shapes

- D — A119 — Screw clamp
- T — A120 — Screw clamp

CoroTurn® SL cutting head for turning



Tools for insert shapes

- C — A121-A122 — Screw clamp
- D — A123-A125 — Screw clamp
- R — A126 — Screw clamp
- T — A127-A128 — Screw clamp
- V — A129-A132 — Screw clamp

CoroTurn® SL cutting head for back boring



Tools for insert shapes

- C — A133 — Screw clamp
- D — A134-A135 — Screw clamp
- V — A136 — Screw clamp

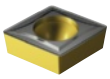
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

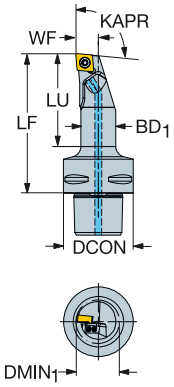
KAPR 95.0°

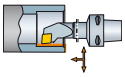




CCMT, CCGT
CCGX, CCET

CCMW



		CZC$_{MS}$	DMIN$_1$	LU	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LF	WF	BAR	NM	KG	MIID
	09	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
		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
		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
		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
		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
	12	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
		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

R = Right hand, L = Left hand

	Spare parts	
Ordering code	Insert screw	Nozzle
C3-SCLCR/L-11065-09HP	5513 020-09	5691 026-13
C4-SCLCR/L-11070-09HP	5513 020-09	5691 026-13
C4-SCLCR/L-13080-09HP	5513 020-09	5691 026-13
C5-SCLCR/L-11070-09HP	5513 020-09	5691 026-13
C5-SCLCR/L-13080-09HP	5513 020-09	5691 026-13
C4-SCLCR/L-17090-12HP	5513 020-17	5691 026-13
C5-SCLCR/L-17090-12HP	5513 020-17	5691 026-13

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

ENG

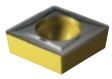
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

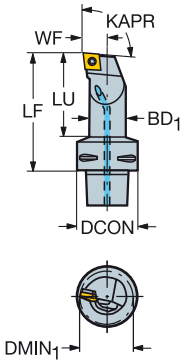
KAPR 95.0°

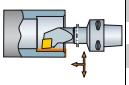




CCMT, CCGT
CCGX, CCET

CCMW



							Dimensions, mm							
		CZC$_{MS}$	DMIN$_1$	LU	CNSC	Ordering code	DCON	BD$_1$	LF	WF	BAR	NM	KG	MIID
	09	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
		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
		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
		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
		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
		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
		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
		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
		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
		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
	12	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
		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
		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
		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
		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
		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
		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
		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
		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

R = Right hand, L = Left hand

	Spare parts		
Ordering code	Screw	Shim	Shim screw
C3-SCLCR/L-11065-09	5513 020-09		
C3-SCLCR/L-13075-09	5513 020-09		
C3-SCLCR/L-17090-09	5513 020-10		
C4-SCLCR/L-11070-09	5513 020-09		
C4-SCLCR/L-13080-09	5513 020-09		
C4-SCLCR/L-17090-09	5513 020-10		
C4-SCLCR/L-27080-09	5513 020-01	5322 232-01	5512 090-01
C5-SCLCR/L-11070-09	5513 020-09		
C5-SCLCR/L-13080-09	5513 020-09		
C5-SCLCR/L-17090-09	5513 020-10		
C3-SCLCR/L-17090-12	5513 020-17		
C3-SCLCR/L-22096-12	5513 020-18	5322 232-02	5512 090-03
C4-SCLCR/L-17090-12	5513 020-17		
C4-SCLCR/L-22110-12	5513 020-18	5322 232-02	5512 090-03
C4-SCLCR/L-27080-12	5513 020-18	5322 232-02	5512 090-03
C5-SCLCR/L-17090-12	5513 020-17		
C5-SCLCR/L-22110-12	5513 020-18	5322 232-02	5512 090-03
C5-SCLCR/L-27140-12	5513 020-18	5322 232-02	5512 090-03
C5-SCLCR-35100-12	5513 020-18	5322 232-02	5512 090-03

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

 A36

 F2

 E3

 G2

 H36

 H10

 H5

CoroTurn® 107 cutting unit for turning

Screw clamp design

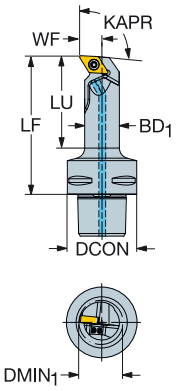
Coromant Capto® - Precision coolant supply

KAPR 93.0°





DCMT, DCMX
DCGT, DCGX, DCET
DCMW



		CZC$_{MS}$	DMIN$_1$	LU	RMPX	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LF	WF	BAR	NM	KG	MIID
 RMPX	07	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
		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
	11	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
		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
		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
		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

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 complete list of spare parts, see www.sandvik.coromant.com

ENG

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

KAPR 93.0°



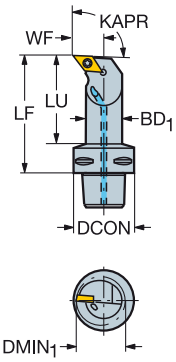




DCMT, DCMX
DCGT, DCGX, DCET



DCMW



		CZC$_{MS}$	DMIN$_1$	LU	RMPX	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LF	WF	BAR	NM	KG	MIID
 RMPX	07	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
		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
		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
	11	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
		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
		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
		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
		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
		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
		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
		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
		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
		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

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 complete list of spare parts, see www.sandvik.coromant.com

CoroTurn® 107 cutting unit for turning

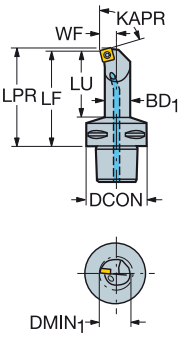
Screw clamp design

Coromant Capto® - Internal coolant supply

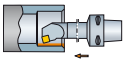
KAPR 75.0°







SCMT, SCGX
SCMW

		CZC$_{MS}$	DMIN$_1$	LU	RMPX	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LPR	LF	WF	BAR	NM	KG	MIID
	09	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
		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

R = Right hand

	Spare parts
Ordering code	Screw
C4-SSKCR-13080-09	5513 020-09
C5-SSKCR/L-13080-09	5513 020-09

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

ENG

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

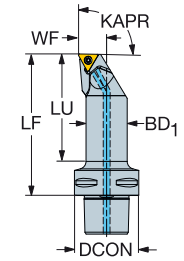
KAPR 91.0°

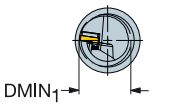


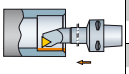


TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW





		CZC$_{MS}$	DMIN$_1$	LU	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LF	WF	BAR	NM	KG	MIID
	11	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
		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
	16	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
		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
		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

R = Right hand, L = Left hand

B1 = For insert with thickness 03 = 3.18 mm.

	Spare parts			
Ordering code	Insert screw	Shim	Shim screw	Nozzle
C4-STFCR/L11070-11HPB1	5513 020-03			5691 026-23
C4-STFCR/L13080-11HPB1	5513 020-03			5691 026-23
C4-STFCR/L-17090-16HP	5513 020-10			5691 026-23
C5-STFCR/L-17090-16HP	5513 020-10			5691 026-23
C5-STFCR/L-22110-16HP	5513 020-01	5322 320-01	5512 090-01	5691 026-23

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

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

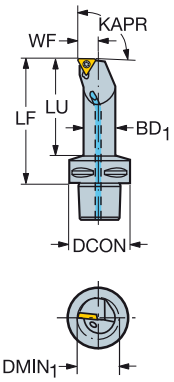
KAPR 91.0°

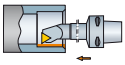




TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW



		CZC$_{MS}$	DMIN$_1$	LU	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LF	WF	BAR	NM	KG	MIID
	11	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
		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
		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
		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
		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
		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
		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
		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
		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
	16	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
		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
		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
		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

R = Right hand, L = Left hand

B1 = For insert with thickness 03 = 3.18 mm.

	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 complete list of spare parts, see www.sandvik.coromant.com


A36


F2


E3


G2



H36



H10



H5

SANDVIK Coromant

ENG

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

KAPR 107.5°



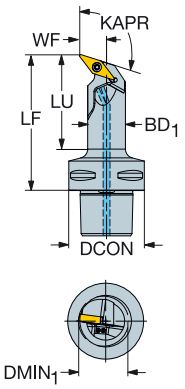


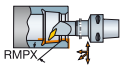


VBMT, VBGT
VCGX, VCEX,
VCGT, VCET



VBMW, VCMW



		CZC$_{MS}$	DMIN$_1$	LU	RMPX	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LF	WF	BAR	NM	KG	MIID
	11	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
	16	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
		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
		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

R = Right hand, L = Left hand

B1 = For insert with thickness 03 = 3.18 mm.

	Spare parts			
Ordering code	Insert screw	Shim	Shim screw	Nozzle
C4-SVQBR/L13070-11HPB1	5513 020-20			5691 026-13
C4-SVQBR/L-18090-16HP	5513 020-10			5691 026-13
C5-SVQBR/L-18090-16HP	5513 020-10			5691 026-13
C6-SVQBR/L-22120-16HP	5513 020-01	5322 270-01	5512 090-01	5691 026-13

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

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

KAPR 107.5°



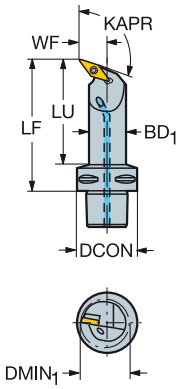




VBMT, VBGT
VCGX, VCEX,
VCGT, VCET



VBMW, VCMW



		CZC$_{MS}$	DMIN$_1$	LU	RMPX	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LF	WF	BAR	NM	KG	MIID
	11	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
		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
		C4	27.0	57.0	35°	3	C4-SVQBR/L-15080-11-B1	40	20.0	80.0	15.0	10	0.9	0.40	VBMT 11 03 04
		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
		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
		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
		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
	16	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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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

R = Right hand, L = Left hand

B1 = For insert with thickness 03 = 3.18 mm.

	Spare parts		
Ordering code	Screw	Shim	Shim screw
C3-SVQBR/L-13070-11-B1	5513 020-20		
C4-SVQBR/L-13070-11-B1	5513 020-20		
C4-SVQBR/L-15080-11-B1	5513 020-20		
C4-SVQBR/L-13070-11	5513 020-03		
C4-SVQBR/L-15080-11	5513 020-03		
C5-SVQBR/L-15080-11-B1	5513 020-20		
C5-SVQBR/L-15080-11	5513 020-03		
C4-SVQBR/L-18090-16	5513 020-10		
C4-SVQBR/L-22110-16	5513 020-01	5322 270-02	5512 090-01
C4-SVQBR/L-27120-16	5513 020-01	5322 270-02	5512 090-01
C5-SVQBR/L-18090-16	5513 020-10		
C5-SVQBR/L-22110-16	5513 020-01	5322 270-02	5512 090-01
C5-SVQBR/L-27140-16	5513 020-01	5322 270-02	5512 090-01
C5-SVQBR/L-35100-16	5513 020-01	5322 270-02	5512 090-01
C5-SVQBR/L-35150-16	5513 020-01	5322 270-02	5512 090-01
C6-SVQBR/L-22120-16	5513 020-01	5322 270-02	5512 090-01
C6-SVQBR/L-27145-16	5513 020-01	5322 270-02	5512 090-01
C6-SVQBR/L-35175-16	5513 020-01	5322 270-02	5512 090-01

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

A36 F2 E3 G2 H36 H10 H5

ENG

CoroTurn® 107 cutting unit for back boring

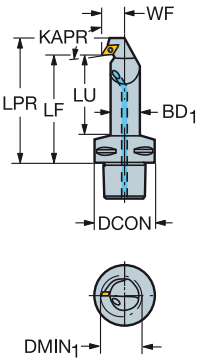
Screw clamp design

Coromant Capto® - Internal coolant supply

KAPR 93.0°

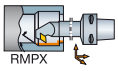






DCMT, DCMX
DCGT, DCGX, DCET

DCMW

		CZC$_{MS}$	DMIN$_1$	LU	RMPX	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LPR	LF	WF	BAR	NM	KG	MIID
 RMPX	07	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
		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
		C4	27.0	57.9	27°	3	C4-SDUCR/L-15080-07X	40	20.0	91.5	80.0	15.0	10	0.9	0.40	DCMT 07 02 04
		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
		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
		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

R = Right hand, L = Left hand

Spare parts	
Screw	
5513 020-03	

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

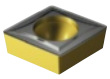
A36 F2 E3 G2 H36 H10 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Precision coolant supply

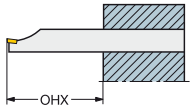


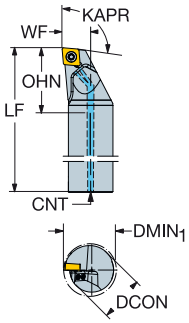


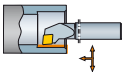
CCMT, CCGT
CCGX, CCET

CCMW

KAPR 95.0°





		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

R = Right hand, L = Left hand

		Spare parts	
	CZC$_{MS}$	Insert screw	Nozzle
09	20	5513 020-09	5691 026-13
09	25	5513 020-10	5691 026-13
12	25	5513 020-17	5691 026-13

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

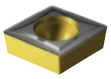
A36 F2 G2 H36 H10 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Precision coolant supply

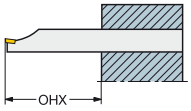




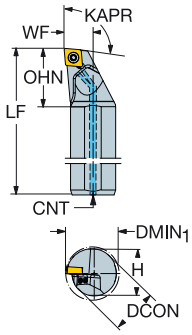
CCMT, CCGT
CCGX, CCET

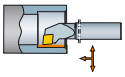
CCMW

KAPR



95.0°



		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

R = Right hand, L = Left hand

		Spare parts	
	CZC$_{MS}$	Insert screw	Nozzle
09	20	5513 020-09	5691 026-13
09	25	5513 020-10	5691 026-13
12	25	5513 020-17	5691 026-13

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

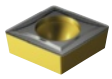
A36 F2 G2 H36 H10 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

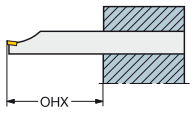


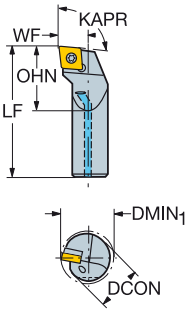


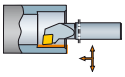
CCMT, CCGT
CCGX, CCET

CCMW

KAPR 95.0°





		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

R = Right hand, L = Left hand

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

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

A36 F2 G2 H36 H10 H5

SANDVIK Coromant

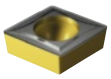
ENG

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Internal coolant supply

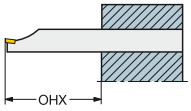




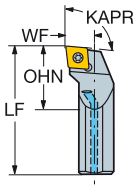
CCMT, CCGT
CCGX, CCET

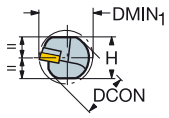
CCMW

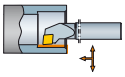
KAPR



95.0°





		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

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 complete list of spare parts, see www.sandvik.coromant.com

A36 F2 G2 H36 H10 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

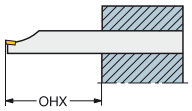
Cylindrical with groove for EasyFix sleeve - Precision coolant supply



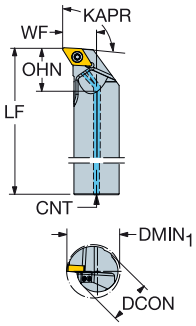


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

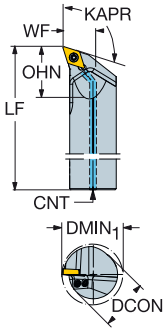
KAPR

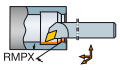
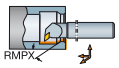


A..SDUCR/L..HP-R
93.0°



A..SDQCR/L..HP-R
107.5°



		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	CNT	BAR	NM	KG	MIID
	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
	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

R = Right hand, L = Left hand

	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

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

A36 F2 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 boring bar for turning

Screw clamp design

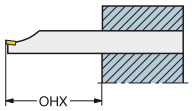
Cylindrical with flats - Precision coolant supply



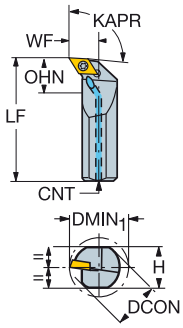


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

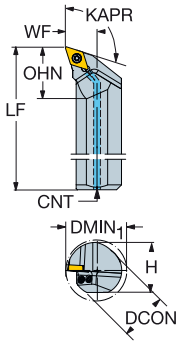
KAPR

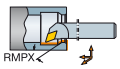
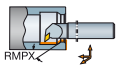


A..SDUCR/L..HP
93.0°



A..SDQCR/L..HP
107.5°



		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
	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

R = Right hand, L = Left hand

	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

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

A36 F2 G2 H36 H10 H5

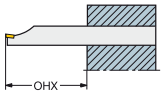
CoroTurn® 107 boring bar for turning

Screw clamp design

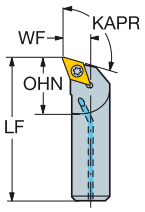
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

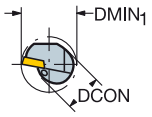


KAPR

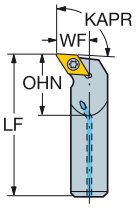


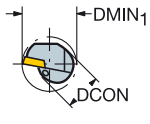
A..SDQCR/L -R
107.5°



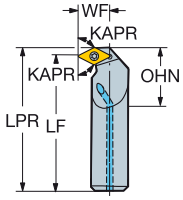


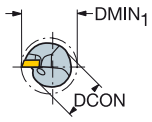
A..SDUCR/L -R
93.0°



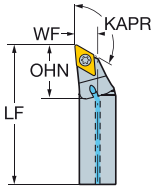


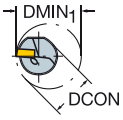
A..SDXCR/L-R
62.5°





A..SDXCR/L-R (1)
117.5°

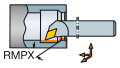
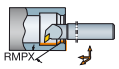
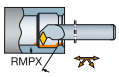
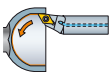






DCMT, DCMX
DCGT, DCGX, DCET

DCMW

		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	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
	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
	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

R = Right hand, L = Left hand

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

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

A36 F2 G2 H36 H10 H5

SANDVIK Coromant

ENG

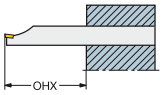
CoroTurn® 107 boring bar for turning

Screw clamp design

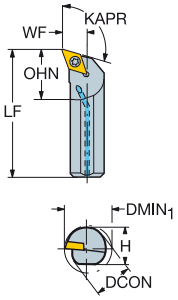
Cylindrical with flats - Internal coolant supply



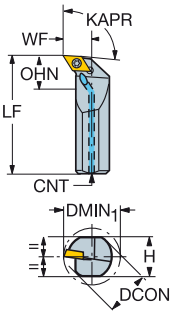
KAPR



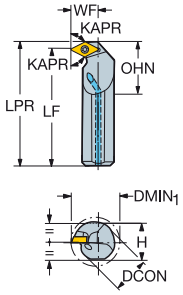
A..SDQCR/L
107.5°



A..SDUCR/L
93.0°



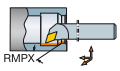
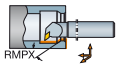
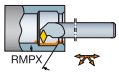
A..SDXCR/L
62.5°





DCMT, DCMX
DCGT, DCGX, DCET

DCMW

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LPR	LF	WF	BAR	NM	KG	MIID
	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
	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
	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

R = Right hand, L = Left hand

	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

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

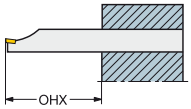
A36 F2 G2 H36 H10 H5

CoroTurn® 107 boring bar for turning

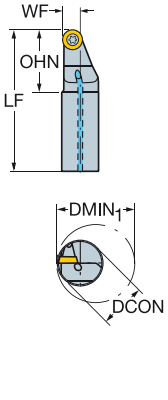
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

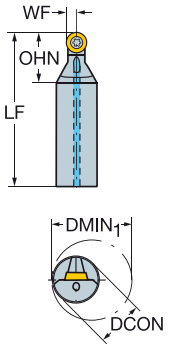




A..SRXDR/L-R

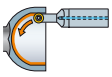
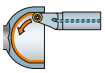


A..SRDDN-R





R300

		CZC$_{MS}$	DMIN$_1$	LU	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	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..

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

For inserts and cutting data, see rotating tools catalogue

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

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

A36 F2 G2 H36 H10 H5

ENG

CoroTurn® 107 boring bar for turning

Screw clamp design

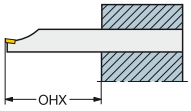
Cylindrical with groove for EasyFix sleeve - Internal coolant supply



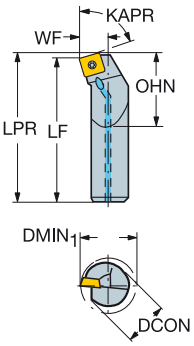


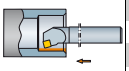
SCMT, SCGX
SCMW

KAPR



75.0°



		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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

R = Right hand

Spare parts	
Insert screw	
5513 020-09	

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


A36


F2


G2



H36



H10



H5

CoroTurn® 107 boring bar for turning

Screw clamp design

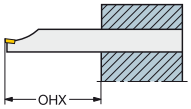
Cylindrical with flats - Internal coolant supply



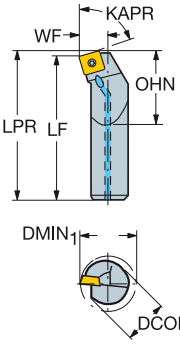


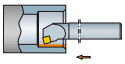
SCMT, SCGX
SCMW

KAPR



75.0°



		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

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 complete list of spare parts, see www.sandvik.coromant.com

A36 F2 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Precision coolant supply

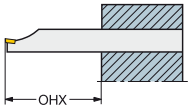




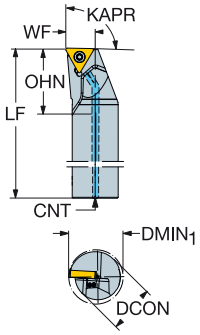
TCMT, TCMX,
TCGT, TCGX
TCEX

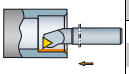
TCMW

KAPR



91.0°



		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

B1 = For insert with thickness 03 = 3.18 mm.

R = Right hand, L = Left hand

		Spare parts	
	CZC$_{MS}$	Insert screw	Nozzle
11	20	5513 020-03	5691 026-23
16	25	5513 020-10	5691 026-23

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

A35 F2 G2 H36 H10 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Precision coolant supply

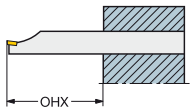




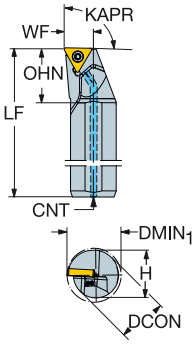
TCMT, TCMX,
TCGT, TCGX
TCEX

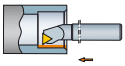
TCMW

KAPR



91.0°



								Dimensions, mm								
	CZC_{MS}	$DMIN_1$	OHX	OHN	CNSC	Ordering code	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

R = Right hand, L = Left hand

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

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

A35 F2 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

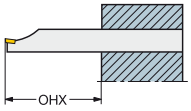




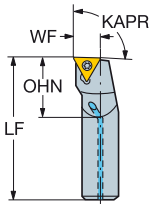
TCMT, TCMX, TCGT, TCGX TCEX

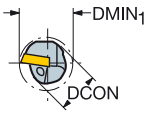
TCMW

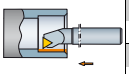
KAPR



91.0°





		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

B1 = For insert with thickness 03 = 3.18 mm.

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
12-25	5513 020-03

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

A35 F2 G2 H36 H10 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

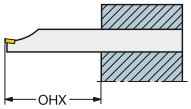
Cylindrical with groove for EasyFix sleeve - Internal coolant supply



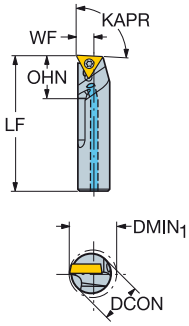


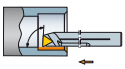
TCEX

KAPR



93.0°



		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

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

R = Right hand, L = Left hand

	Spare parts
CZC_{MS}	Insert screw
5-6	5513 020-53
8	5513 020-44
10	5513 020-28

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

A35 F2 G2 H36 H10 H5

SANDVIK Coromant

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Internal coolant supply

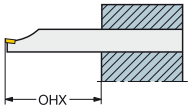




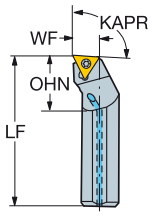
TCMT, TCMX,
TCGT, TCGX
TCEX

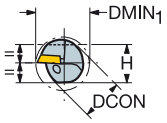
TCMW

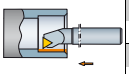
KAPR



91.0°





		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 = For insert with thickness 03 = 3.18 mm.

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 complete list of spare parts, see www.sandvik.coromant.com


A35


F2


G2



H36



H10



H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Precision coolant supply

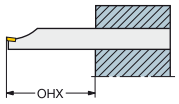




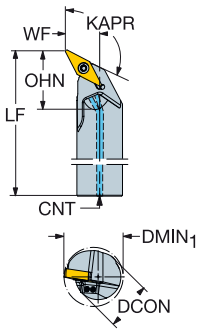
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

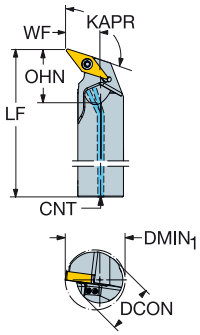
KAPR



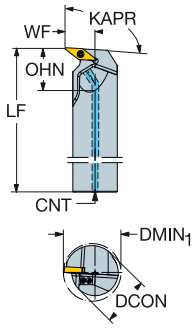
A..SVPBR/L..HP-R
117.5°

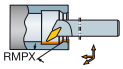
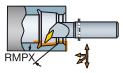
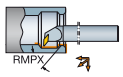


A..SVQBR/L..HP-DR
107.5°



A..SVUBR/L..HP-DR
93.0°



		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
	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
	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

B1 = For insert with thickness 03 = 3.18 mm.

R = Right hand, L = Left hand

	Spare parts	
CZC$_{MS}$	Insert screw	Nozzle
11 25	5513 020-20	5691 026-13
16 25	5513 020-10	5691 026-13

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

A35 F2 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Precision coolant supply

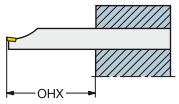




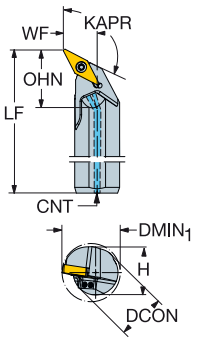
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

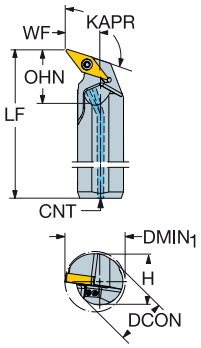
KAPR



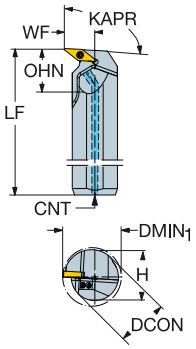
A..SVPBR/L..HP
117.5°

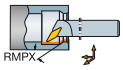
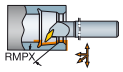
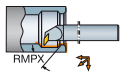


A..SVQBR/L..HP-D
107.5°



A..SVUBR/L..HP-D
93.0°



		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	CNT	BAR	NM	KG	MIID
	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
	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
	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

B1 = For insert with thickness 03 = 3.18 mm.

R = Right hand, L = Left hand

	Spare parts	
CZC$_{MS}$	Insert screw	Nozzle
11 25	5513 020-20	5691 026-13
16 25	5513 020-10	5691 026-13

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

A35 F2 G2 H36 H10 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

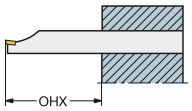




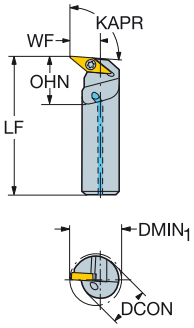
VCMT, VCEX, VCGX

VCMW

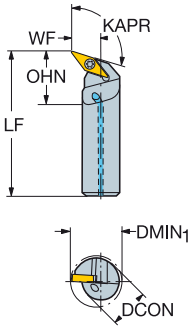
KAPR

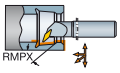
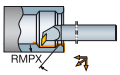


A..SVUCR/L -ER
93.0°



A..SVQCR/L-ER
107.5°



		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

R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-03	

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

A35 F2 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

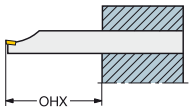




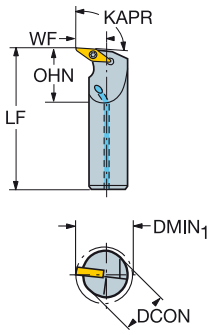
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

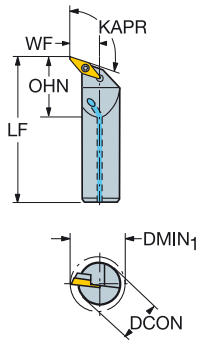
KAPR

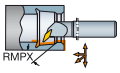
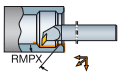


A..SVUBR/L -ER
93.0°



A..SVQBR/L -R
107.5°



									Dimensions, mm						
		CZC_{MS}	$DMIN_1$	RMPX	OHX	OHN	CNSC	Ordering code	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

B1 = For insert with thickness 03 = 3.18 mm.

R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-20	

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

A35 F2 G2 H36 H10 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Internal coolant supply

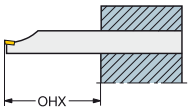




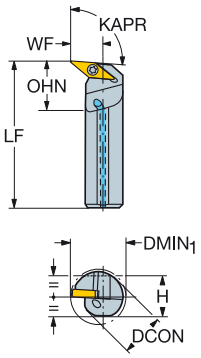
VCMT, VCEX, VCGX

VCMW

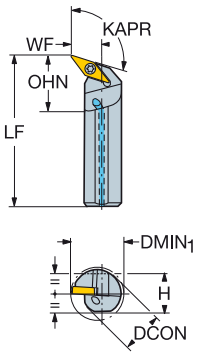
KAPR

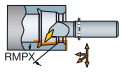
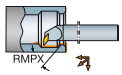


A..SVUCR/L
93.0°



A..SVQCR/L
107.5°



		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

R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-03	

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

A35 F2 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Internal coolant supply

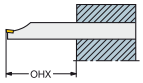




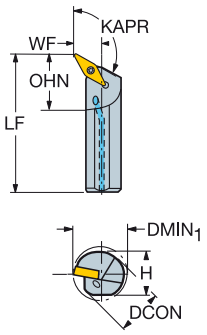
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

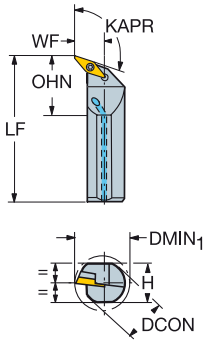
KAPR



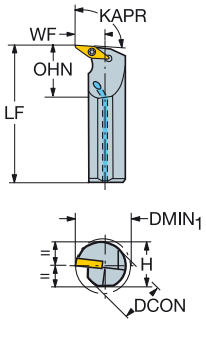
A..SVPBR/L
117.5°

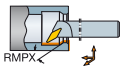
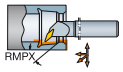
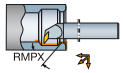


A..SVQBR/L
107.5°



A..SVUBR/L
93.0°



		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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
	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

B1 = For insert with thickness 03 = 3.18 mm.

R = Right hand, L = Left hand

	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

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

A35 F2 G2 H36 H10 H5

CoroTurn® 107 boring bar for back boring

Screw clamp design

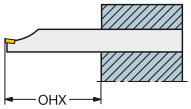
Cylindrical with groove for EasyFix sleeve - Internal coolant supply



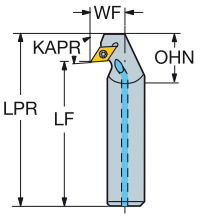


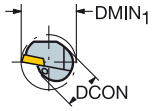
DCMT, DCMX
DCGT, DCGX, DCET
DCMW

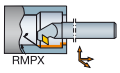
KAPR



93.0°





		CZC_{MS}	$DMIN_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
 RMPX	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

R = Right hand, L = Left hand

Spare parts
Insert screw
5513 020-03

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


A35


F2


G2



H36



H10



H5

SANDVIK Coromant

ENG

CoroTurn® 107 boring bar for back boring

Screw clamp design

Cylindrical with flats - Internal coolant supply

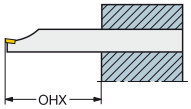




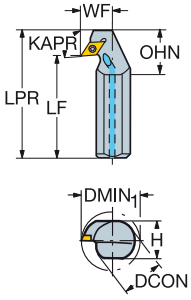
DCMT, DCMX
DCGT, DCGX, DCET

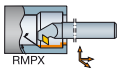
DCMW

KAPR



93.0°



		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LPR	LF	WF	BAR	NM	KG	MIID
 RMPX	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

R = Right hand, L = Left hand

		Spare parts		
	CZC$_{MS}$	Insert screw	Shim	Shim screw
07	16-25	5513 020-03		
11	32	5513 020-01	5322 263-01	5512 090-01

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

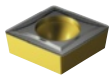
A35 F2 G2 H36 H10 H5

CoroTurn® 107 solid carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

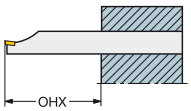




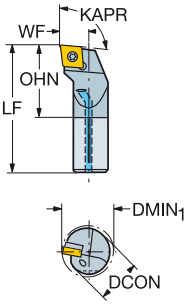
CCMT, CCGT
CCGX, CCET

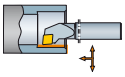
CCMW

KAPR



95.0°



		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

R = Right hand, L = Left hand

	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

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

A35 F2 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 solid carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

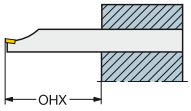




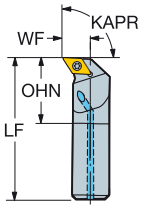
DCMT, DCMX
DCGT, DCGX, DCET

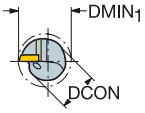
DCMW

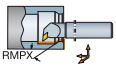
KAPR



93.0°





		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

R = Right hand, L = Left hand

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

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

A35 F2 G2 H36 H10 H5

CoroTurn® 107 solid carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

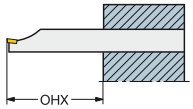


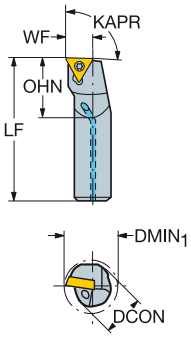


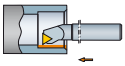
TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

KAPR 91.0°





		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 = For insert with thickness 03 = 3.18 mm.

R = Right hand, L = Left hand

	Spare parts
CZC$_{MS}$	Insert screw
06 6	5513 020-28
06 8	5513 020-27
09 10-12	5513 020-05
11 16-25	5513 020-03
16 25	5513 020-10

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

A35 F2 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 solid carbide boring bar for turning

Screw clamp design

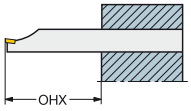
Cylindrical with groove for EasyFix sleeve - Internal coolant supply



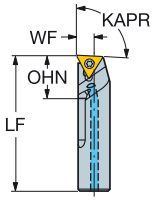


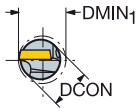
TCEX

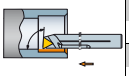
KAPR



93.0°





		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

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

R = Right hand, L = Left hand

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

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

A35 F2 G2 H36 H10 H5

CoroTurn® 107 solid carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

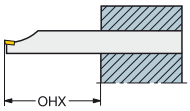




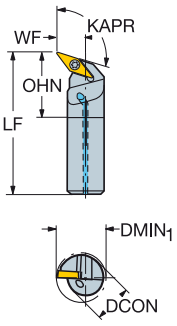
VCMT, VCEX, VCGX

VCMW

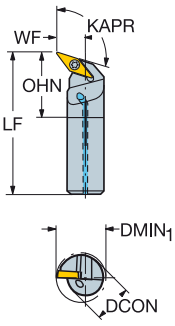
KAPR

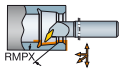
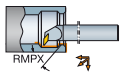


E..SVUCR/L-ER
93.0°



E..SVQCR/L -ER
107.5°



		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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

R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-03	

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

A35 F2 G2 H36 H10 H5

SANDVIK Coromant

ENG

CoroTurn® 107 damped carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve

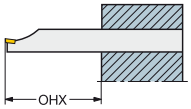


SilentTools®

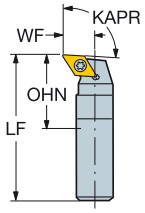


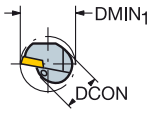
DCMT, DCMX
DCGT, DCGX, DCET
DCMW

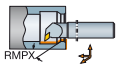
KAPR



93.0°





		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

R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-03	

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

A35 F2 G2 H36 H10

CoroTurn® 107 damped carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve



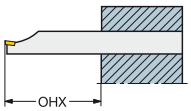
SilentTools®



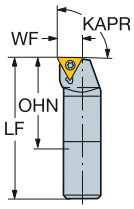
TCMT, TCMX,
TCGT, TCGX
TCEX

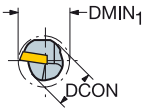
TCMW

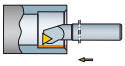
KAPR



91.0°





		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

R = Right hand, L = Left hand

Spare parts	
Insert screw	
5513 020-05	

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

A35 F2 G2 H36 H10

SANDVIK Coromant

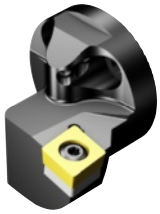
ENG

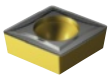
CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL - Precision coolant supply

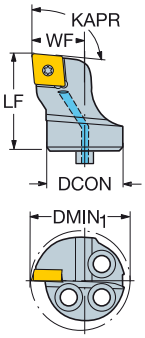
KAPR 95.0°

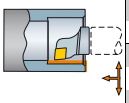





CCMT, CCGT
CCGX, CCET


CCMW



		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	09	25	32.0	1	**SL-SCLCR/L-25-09HP**	25	20.0	17.0	80	3.0	0.07	CCMT 09 T3 08
		32	40.0	1	**SL-SCLCR/L-32-09HP**	32	32.0	22.0	80	3.0	0.13	CCMT 09 T3 08
	12	40	50.0	1	**SL-SCLCR/L-40-12HP**	40	38.0	27.0	80	3.0	0.24	CCMT 12 04 08

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 complete list of spare parts, see www.sandvik.coromant.com


A35


F2



H36



H5


H2

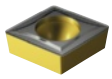
CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL - Internal coolant supply

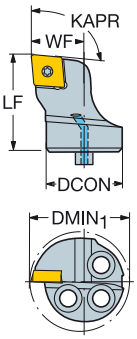
KAPR 95.0°

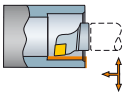





CCMT, CCGT
CCGX, CCET


CCMW



		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	06	16	20.0	1	**570-SCLCR/L-16-06**	16	20.0	11.0	10	0.9	0.03	CCMT 06 02 04
	09	20	25.0	1	**570-SCLCR/L-20-09**	20	20.0	13.0	10	3.0	0.05	CCMT 09 T3 08
		25	32.0	1	**570-SCLCR/L-25-09**	25	20.0	17.0	10	3.0	0.07	CCMT 09 T3 08
		32	40.0	1	**570-SCLCR/L-32-09**	32	32.0	22.0	10	3.0	0.13	CCMT 09 T3 08
	12	40	50.0	1	**570-SCLCR/L-40-12**	40	38.0	27.0	10	3.0	0.24	CCMT 12 04 08

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 complete list of spare parts, see www.sandvik.coromant.com


A35


F2



H36



H5


H2

SANDVIK Coromant

ENG

CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL - Precision coolant supply

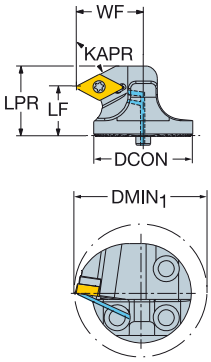
KAPR

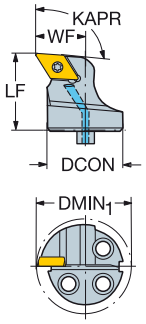
SL-SDXCR/L-DHP
62.5°

SL-SDUCR/L..HP
93.0°



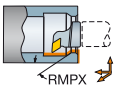
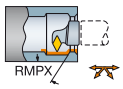






DCMT, DCMX
DCGT, DCGX, DCET

DCMW

		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
	11	25	32.0	27°	1	**SL-SDUCR/L-25-11HP**	25		23.0	17.0	80	3.0	0.08	DCMT 11 T3 08
		32	40.0	27°	1	**SL-SDUCR/L-32-11HP**	32		32.0	22.0	80	3.0	0.14	DCMT 11 T3 08
		40	50.0	27°	1	**SL-SDUCR/L-40-11HP**	40		32.0	27.0	80	3.0	0.21	DCMT 11 T3 08
	11	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
		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
	07	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

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 complete list of spare parts, see www.sandvik.coromant.com

A35 F2 H36 H5 H2

CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL - Internal coolant supply

KAPR

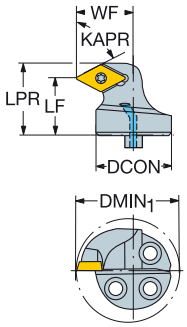




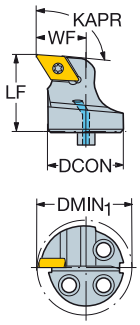
DCMT, DCMX
DCGT, DCGX, DCET

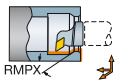
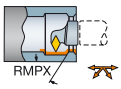
DCMW

570-SDXCR/L
62.5°



570-SDUCR/L
93.0°



		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
	07	16	20.0	27°	8	**570-SDUCR/L-16-07**	16		20.0	11.0	10	0.9	0.03	DCMT 07 02 04
	11	20	25.0	27°	8	**570-SDUCR/L-20-11**	20		20.0	13.0	10	3.0	0.05	DCMT 11 T3 08
		25	32.0	27°	8	**570-SDUCR/L-25-11**	25		20.0	17.0	10	3.0	0.07	DCMT 11 T3 08
		32	40.0	27°	1	**570-SDUCR/L-32-11**	32		32.0	22.0	10	3.0	0.13	DCMT 11 T3 08
		40	50.0	27°	1	**570-SDUCR/L-40-11**	40		32.0	27.0	10	3.0	0.20	DCMT 11 T3 08
	07	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
		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
		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
	11	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
		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

R = Right hand, L = Left hand

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

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

A35 F2 H36 H5 H2

SANDVIK Coromant

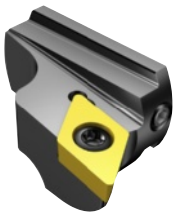
ENG

CoroTurn® 107 head for turning

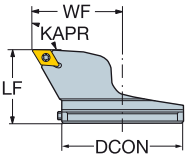
Screw clamp design

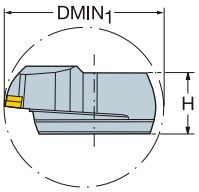
CoroTurn® SL Quick Change

KAPR 93.0°



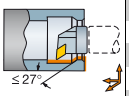






DCMT, DCMX
DCGT, DCGX, DCET

DCMW

		CZC$_{MS}$	DMIN$_1$	RMPX	Ordering code	Dimensions, mm DCON	H	LF	WF	NM	KG	MIID
	11	80	100.0	27°	570-SDUCR/L-80-11	80	37.5	45.7	57.0	3.0	0.55	DCMT 11 T3 08

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 complete list of spare parts, see www.sandvik.coromant.com

A35 F2 H36 H2

CoroTurn® 107 head for turning

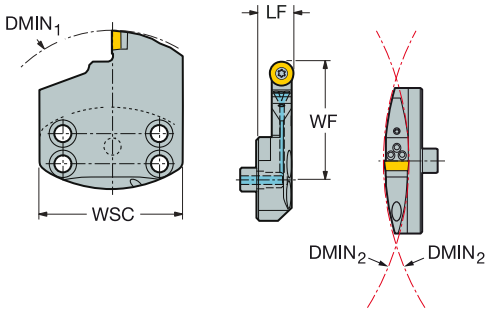
Screw clamp design

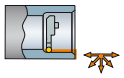
CoroTurn® SL70 - Precision coolant supply





RCMT
RCGX-AL



							Dimensions, mm						
		CZC_{MS}	$DMIN_1$	$DMIN_2$	CNSC	Ordering code	LF	WF	WSC	BAR	NM	KG	MIID
	10	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
		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
	12	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
		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
		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

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 complete list of spare parts, see www.sandvik.coromant.com


A35


F2



H36



H5


H2

SANDVIK Coromant

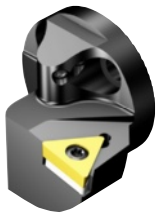
ENG

CoroTurn® 107 head for turning

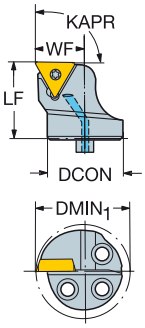
Screw clamp design

CoroTurn® SL - Precision coolant supply

KAPR 91.0°

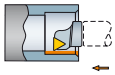






TCMT, TCMX, TCGT, TCGX TCEX

TCMW

		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	11	25	32.0	1	**SL-STFCR/L-25-11-B1HP**	25	20.0	17.0	80	0.9	0.07	TCMT 11 03 04
	16	32	40.0	1	**SL-STFCR/L-32-16HP**	32	32.0	22.0	80	3.0	0.14	TCMT 16 T3 08
		40	50.0	1	**SL-STFCR/L-40-16HP**	40	32.0	27.0	80	3.0	0.22	TCMT 16 T3 08

B1 = For insert with thickness 03 = 3.18 mm.

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 complete list of spare parts, see www.sandvik.coromant.com


A35


F2



H36



H5


H2

CoroTurn® 107 head for turning

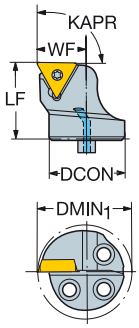
Screw clamp design

CoroTurn® SL - Internal coolant supply

KAPR 91.0°

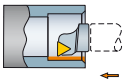






TCMT, TCMX, TCGT, TCGX TCEX

TCMW

		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	NM	KG	MIID
	09	16	20.0	8	**570-STFCR/L-16-09**	16	20.0	11.0	0.9	0.03	TCMT 09 02 04
	11	16	20.0	8	**570-STFCR/L-16-11-B1**	16	20.0	11.0	0.9	0.03	TCMT 11 03 04
		20	25.0	8	**570-STFCR/L-20-11-B1**	20	20.0	13.0	0.9	0.04	TCMT 11 03 04
		25	32.0	8	**570-STFCR/L-25-11-B1**	25	20.0	17.0	0.9	0.06	TCMT 11 03 04
	16	32	40.0	1	**570-STFCR/L-32-16**	32	32.0	22.0	3.0	0.14	TCMT 16 T3 08
		40	50.0	1	**570-STFCR/L-40-16**	40	32.0	27.0	3.0	0.21	TCMT 16 T3 08

B1 = For insert with thickness 03 = 3.18 mm.

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 complete list of spare parts, see www.sandvik.coromant.com

A35 F2 H36 H2

SANDVIK Coromant

ENG

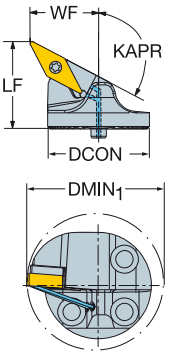
CoroTurn® 107 head for turning

Screw clamp design

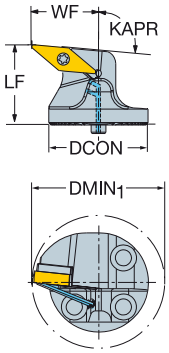
CoroTurn® SL - Precision coolant supply

KAPR

SL-SVPBR/L..LHP
117.5°



SL-SVLBR/L..HP
95.0°

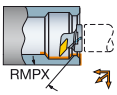
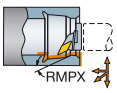






VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	32	40.0	45°	1	**SL-SVLBR/L-32-16HP**	32	32.0	22.0	80	3.0	0.13	VBMT 16 04 08
		40	50.0	45°	1	**SL-SVLBR/L-40-16HP**	40	32.0	27.0	80	3.0	0.19	VBMT 16 04 08
		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
	16	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
		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

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 complete list of spare parts, see www.sandvik.coromant.com

A35 F2 H36 H5 H2

CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL - Internal coolant supply



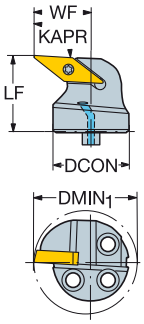


VCMT, VCEX, VCGX

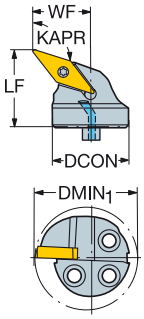
VCMW

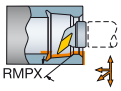
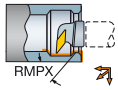
KAPR

570-SVUCR/L
93.0°



570-SVQCR/L
107.5°



		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	11	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
		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
	11	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
		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

R = Right hand, L = Left hand

	Spare parts	
Ordering code	Insert screw	Locating tube
570-SVQCR/L-20-11-E	5513 020-03	5552 058-02
570-SVUCR/L-20-11-E	5513 020-03	5552 058-02
570-SVQCR/L-25-11-D	5513 020-03	5552 058-02
570-SVUCR/L-25-11-D	5513 020-03	5552 058-02

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

A35 F2 H36 H5 H2

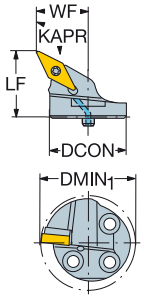
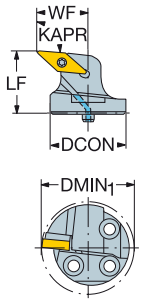
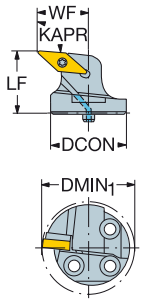
ENG

CoroTurn® 107 head for turning

Screw clamp design

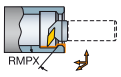
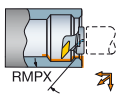
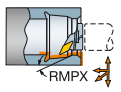
CoroTurn® SL - Internal coolant supply



KAPR	570-SVPBR/L 117.5°	570-SVLBR/L 95.0°	570C-SVUBR/L 93.0°
			

VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	11	20	27.0	50°	1	**570C-SVUBR/L-20-2**	20	20.0	16.0	10	0.9	0.04	VBMT 11 02 04
		25	31.0	50°	1	**570C-SVUBR/L-25-2**	25	25.0	17.0	10	0.9	0.07	VBMT 11 02 04
	16	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
		32	40.0	45°	1	**570-SVLBR/L-32-16**	32	32.0	22.0	10	3.0	0.13	VBMT 16 04 08
		40	50.0	45°	1	**570-SVLBR/L-40-16**	40	32.0	27.0	10	3.0	0.18	VBMT 16 04 08
	16	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
		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

R = Right hand, L = Left hand

	Spare parts			
CZC$_{MS}$	Insert screw	Shim	Shim screw	Locating tube
11 20-25	5513 020-03			5552 058-02
16 25	5513 020-10			5552 058-02
16 32-40	5513 020-10	5322 270-01	5512 090-01	5638 031-01

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

A35 F2 H36 H5 H2

CoroTurn® 107 head for turning

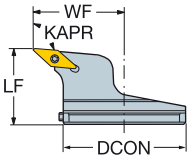
Screw clamp design

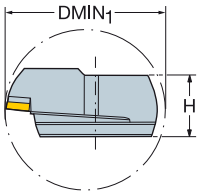
CoroTurn® SL Quick Change

KAPR 95.0°



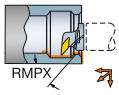






VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

		CZC$_{MS}$	DMIN$_1$	RMPX	Ordering code	Dimensions, mm DCON	H	LF	WF	NM	KG	MIID
	16	80	100.0	45°	**570-SVLBR/L-80-16**	80	37.5	45.7	57.0	3.0	0.49	VBMT 16 04 08

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 complete list of spare parts, see www.sandvik.coromant.com

A35 F2 H36 H2

SANDVIK Coromant

ENG

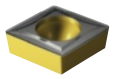
CoroTurn® 107 head for back boring

Screw clamp design

CoroTurn® SL - Precision coolant supply

KAPR 93.0°





CCMT, CCGT
CCGX, CCET

CCMW

	CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
09	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
	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
	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
	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
	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
	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

R = Right hand

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

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

A35 F2 H36 H5 H2

CoroTurn® 107 head for back boring

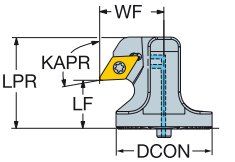
Screw clamp design

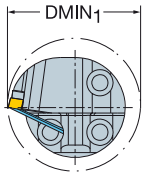
CoroTurn® SL - Precision coolant supply

KAPR 93.0°



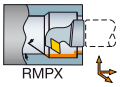






DCMT, DCMX
DCGT, DCGX, DCET

DCMW

		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
 RMPX	11	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
		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
	07	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

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 complete list of spare parts, see www.sandvik.coromant.com

A35 F2 H36 H5 H2

SANDVIK Coromant

ENG

CoroTurn® 107 head for back boring

Screw clamp design

CoroTurn® SL - Internal coolant supply

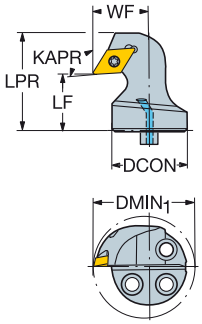
KAPR 93.0°

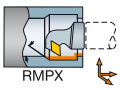




DCMT, DCMX
DCGT, DCGX, DCET

DCMW



		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
 RMPX	07	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
		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
		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
	11	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
		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

R = Right hand, L = Left hand

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

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

A35 F2 H36 H5 H2

CoroTurn® 107 head for back boring

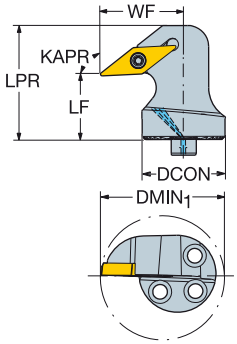
Screw clamp design

CoroTurn® SL - Internal coolant supply

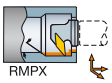
KAPR 93.0°







VCMT, VCEX, VCGX
VCMW

		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
 RMPX	11	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
		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

R = Right hand, L = Left hand

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

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

A35 F2 H36 H5 H2

SANDVIK Coromant

ENG

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

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

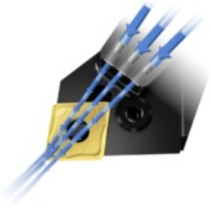
- All types of insert shapes and sizes
- Geometries and grades for all application areas
- Insert grades also in advanced cutting materials PCD, CBN and ceramic
- Inserts dedicated for precision coolant

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

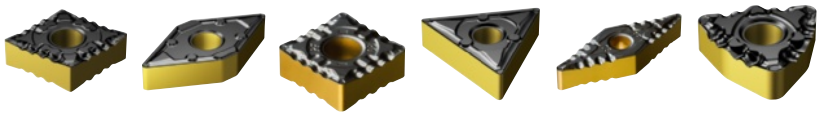


Right hand style shown unless otherwise stated

A138 A162 A200 H35

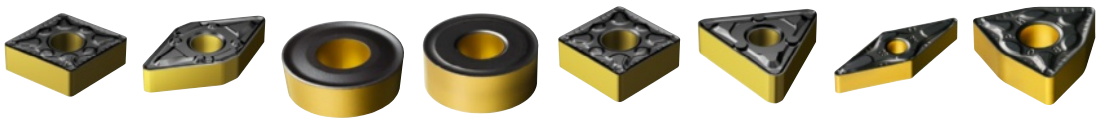
T-Max® P insert for turning

Finishing



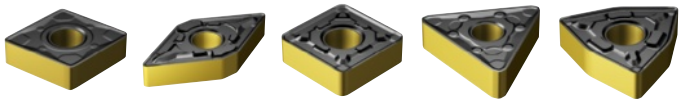
	CN..	DN..	SN..	TN..	VN..	WN..
Page	A139	A146	A151	A154	A157	A159

Medium



	CN..	DN..	RC..	RN..	SN..	TN..	VN..	WN..
Page	A139	A146	A150	A150	A151	A154	A157	A159

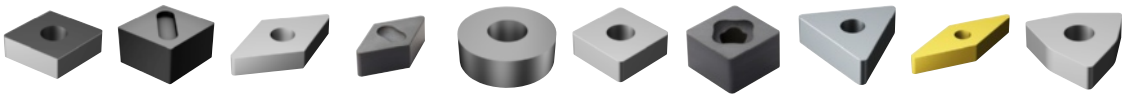
Roughing



	CN..	DN..	SN..	TN..	WN..
Page	A139	A146	A151	A154	A159

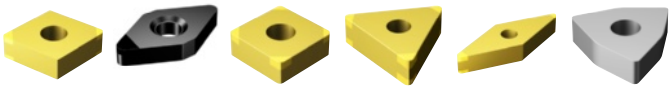
Advanced cutting materials

Ceramics



	CN..	CNGX	DN..	DNGX	RN..	SN..	SNGQ	TN..	VN..	WN..
Page	A143	A143	A149	A149	A150	A153	A153	A156	A158	A161

Cubic boron nitride (CBN)

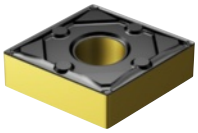


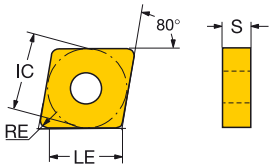
	CN..	DN..	SN..	TN..	VN..	WN..
Page	A143	A149	A153	A156	A158	A161

ENG

T-Max® P insert for turning

C-style insert (Rhombic 80°)



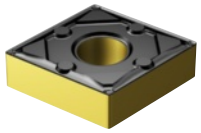


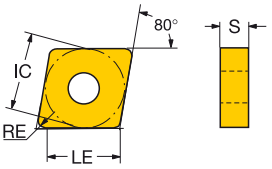
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Finishing	WF	09	9.3	3.18	0.40	CNMG 09 03 04-WF								★												
			8.9	3.18	0.79	CNMG 09 03 08-WF			★					★					★	☆						
		12	12.5	4.76	0.40	CNMG 12 04 04-WF	☆		★	☆		☆	☆	☆	★				★	☆						
			12.1	4.76	0.79	CNMG 12 04 08-WF	☆	☆	★	☆		☆	☆	☆	★				★	☆						
			11.7	4.76	1.19	CNMG 12 04 12-WF		☆	★	☆				★					★	☆						
	PF	09	9.3	3.18	0.40	CNMG 09 03 04-PF	☆		★	☆		☆														
			8.9	3.18	0.79	CNMG 09 03 08-PF	☆		★	☆		☆														
		12	12.5	4.76	0.40	CNMG 12 04 04-PF	☆		★	☆		☆														
			12.1	4.76	0.79	CNMG 12 04 08-PF	☆	☆	★	☆		☆														
			11.7	4.76	1.19	CNMG 12 04 12-PF	☆	☆	★	☆		☆														
	KF	12	12.5	4.76	0.40	CNMG 12 04 04-KF													★	☆						
			12.1	4.76	0.79	CNMG 12 04 08-KF													★	☆						
			11.7	4.76	1.19	CNMG 12 04 12-KF													★	☆						
	MF	09	9.3	3.18	0.40	CNMG 09 03 04-MF							☆	☆		★							★	☆		
			8.9	3.18	0.79	CNMG 09 03 08-MF							☆	☆		★							★	☆		
		12	12.5	4.76	0.40	CNMG 12 04 04-MF							☆	☆	★	☆		☆				★	☆	☆		☆
			12.1	4.76	0.79	CNMG 12 04 08-MF							☆	☆	★	☆		☆				★	☆	☆		☆
			11.7	4.76	1.19	CNMG 12 04 12-MF							☆	☆	★	☆						★	☆	☆		☆
	SGF	12	12.8	4.76	0.10	CNGG 12 04 01-SGF							☆	☆								★	☆	☆	☆	
			12.7	4.76	0.20	CNGG 12 04 02-SGF							☆	☆								★	☆	☆	☆	
			8.5	4.76	0.40	CNGG 12 04 04-SGF							★	☆								★	☆	☆	☆	☆
			8.5	4.76	0.79	CNGG 12 04 08-SGF							★	☆								★	☆	☆	☆	☆
			8.5	4.76	1.19	CNGG 12 04 12-SGF							★									★	☆		☆	☆
	SF	12	8.5	4.76	0.40	CNMG 12 04 04-SF							★	☆								★	☆	☆	☆	☆
			8.5	4.76	0.79	CNMG 12 04 08-SF							★	☆								★	☆	☆	☆	☆
			8.5	4.76	1.19	CNMG 12 04 12-SF							★									★	☆		☆	☆
	XF	12	12.5	4.76	0.40	CNMG 12 04 04-XF			★	☆					★	☆		☆								
			12.1	4.76	0.79	CNMG 12 04 08-XF			★	☆					★	☆		☆								
Medium	WM	12	12.1	4.76	0.79	CNMG 12 04 08-WM	☆	☆	☆	★	☆				★				★	☆						
			11.7	4.76	1.19	CNMG 12 04 12-WM	☆	☆	☆	★	☆				★				★	☆						
		16	15.3	6.35	0.79	CNMG 16 06 08-WM			☆	★																
			14.9	6.35	1.19	CNMG 16 06 12-WM			☆	★																
	WMX	12	12.1	4.76	0.79	CNMG 12 04 08-WMX		☆	☆	★	☆				★				★	☆						
			11.7	4.76	1.19	CNMG 12 04 12-WMX		☆	☆	★	☆				★				★	☆						
		16	15.3	6.35	0.79	CNMG 16 06 08-WMX		☆	☆	★					★				★	☆						
			14.9	6.35	1.19	CNMG 16 06 12-WMX		☆	☆	★	☆				★				★	☆						
	PM	09	9.3	3.18	0.40	CNMG 09 03 04-PM			☆	★	☆															
			8.9	3.18	0.79	CNMG 09 03 08-PM			☆	★	☆															
		12	12.5	4.76	0.40	CNMG 12 04 04-PM			☆	★	☆															
			12.1	4.76	0.79	CNMG 12 04 08-PM	☆	☆	☆	★	☆															
			11.7	4.76	1.19	CNMG 12 04 12-PM		☆	☆	★	☆															
			11.3	4.76	1.59	CNMG 12 04 16-PM		☆	☆	★	☆															
		16	15.3	6.35	0.79	CNMG 16 06 08-PM			☆	★	☆															
			14.9	6.35	1.19	CNMG 16 06 12-PM		☆	☆	★	☆															
			14.5	6.35	1.59	CNMG 16 06 16-PM			☆	★	☆															
		19	18.5	6.35	0.79	CNMG 19 06 08-PM			☆	★	☆															
			18.1	6.35	1.19	CNMG 19 06 12-PM			☆	★	☆															
			17.7	6.35	1.59	CNMG 19 06 16-PM			☆	★	☆															
	MM	09	9.3	3.18	0.40	CNMG 09 03 04-MM							☆	☆		★							★	☆		
			8.9	3.18	0.79	CNMG 09 03 08-MM							☆	☆		★		☆								
		12	12.1	4.76	0.79	CNMG 12 04 08-MM							☆	☆	☆	★	☆	☆								
			11.7	4.76	1.19	CNMG 12 04 12-MM							☆	☆	☆	★	☆	☆					★	☆		
			11.3	4.76	1.59	CNMG 12 04 16-MM									☆	★	☆	☆								
		16	15.3	6.35	0.79	CNMG 16 06 08-MM									☆	★	☆	☆								
			14.9	6.35	1.19	CNMG 16 06 12-MM									☆	★	☆	☆								
			14.5	6.35	1.59	CNMG 16 06 16-MM										★	☆	☆								
		19	18.5	6.35	0.79	CNMG 19 06 08-MM										★	☆	☆								
			18.1	6.35	1.19	CNMG 19 06 12-MM									☆	★	☆	☆								
			17.7	6.35	1.59	CNMG 19 06 16-MM										★	☆	☆								

A162 A200 A262 A278 H36 H6

T-Max® P insert for turning

C-style insert (Rhombic 80°)





			LE	S	RE	ISO CODE	P						M						K			S					
							1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1105	1115	1125	H13A	S05F
Medium	KM	12	12.1	4.76	0.79	CNMG 12 04 08-KM													★	☆						
			11.7	4.76	1.19	CNMG 12 04 12-KM													★	☆						
			11.3	4.76	1.59	CNMG 12 04 16-KM													★	☆						
		16	15.3	6.35	0.79	CNMG 16 06 08-KM													★	☆						
			14.9	6.35	1.19	CNMG 16 06 12-KM													★	☆						
			14.5	6.35	1.59	CNMG 16 06 16-KM													★	☆						
		19	18.1	6.35	1.19	CNMG 19 06 12-KM													★	☆						
			17.7	6.35	1.59	CNMG 19 06 16-KM													★	☆						
	QM	09	9.3	3.18	0.40	CNMG 09 03 04-QM				★																
			8.9	3.18	0.79	CNMG 09 03 08-QM		☆	☆	★	☆															
		12	12.5	4.76	0.40	CNMG 12 04 04-QM			☆	★	☆		☆			★		★			★	★	☆		☆		
			12.1	4.76	0.79	CNMG 12 04 08-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆	☆	
			11.7	4.76	1.19	CNMG 12 04 12-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆	☆	
			11.3	4.76	1.59	CNMG 12 04 16-QM		☆	☆	★			☆					★			★	★	☆		☆		
		16	15.7	6.35	0.40	CNMG 16 06 04-QM			☆	★																
			15.3	6.35	0.79	CNMG 16 06 08-QM			☆	★	☆										★				★		
			14.9	6.35	1.19	CNMG 16 06 12-QM		☆	☆	★	☆		★			★					★	★	☆		☆		
			14.5	6.35	1.59	CNMG 16 06 16-QM		☆	☆	★								★									
		19	18.9	6.35	0.40	CNMG 19 06 04-QM			☆	★																
			18.5	6.35	0.79	CNMG 19 06 08-QM			☆	★	☆															
			18.1	6.35	1.19	CNMG 19 06 12-QM		☆	☆	★	☆		★			★					★	★	☆		☆		
			17.7	6.35	1.59	CNMG 19 06 16-QM		☆	☆	★	☆							★			★				★		
	SM	12	8.5	4.76	0.40	CNMG 12 04 04-SM							★	☆								★	☆	☆	☆	☆	
			8.5	4.76	0.79	CNMG 12 04 08-SM							★	☆								★	☆	☆	☆	☆	
			8.5	4.76	1.19	CNMG 12 04 12-SM							★	☆								★	☆	☆	☆	☆	
		16	15.3	6.35	0.79	CNMG 16 06 08-SM							☆	☆		★						★	☆	☆		☆	
			10.6	6.35	1.19	CNMG 16 06 12-SM							☆	☆		★						★	☆	☆	☆	☆	
			10.6	6.35	1.59	CNMG 16 06 16-SM							★	☆								★	☆	☆	☆	☆	
		19	18.5	6.35	0.79	CNMG 19 06 08-SM							★	☆								★	☆	☆	☆	☆	
			18.1	6.35	1.19	CNMG 19 06 12-SM							☆	☆		★						★	☆	☆	☆	☆	
			12.7	6.35	1.59	CNMG 19 06 16-SM							☆	☆		★						★	☆	☆	☆	☆	
	SMR	12	8.5	4.76	0.79	CNMG 12 04 08-SMR							☆	☆		★						★	☆	☆	☆	☆	
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	XM	12	12.5	4.76	0.40	CNMG 12 04 04-XM			☆	★					☆	★		☆								
			12.1	4.76	0.79	CNMG 12 04 08-XM			☆	★					☆	★		☆								
			11.7	4.76	1.19	CNMG 12 04 12-XM			☆	★					☆	★		☆								
Roughing	MR	12	12.1	4.76	0.79	CNMM 12 04 08-MR										☆	★	☆								
			11.7	4.76	1.19	CNMM 12 04 12-MR										★		☆								
			11.3	4.76	1.59	CNMM 12 04 16-MR					★					★										
		16	14.9	6.35	1.19	CNMM 16 06 12-MR										★		☆								
			14.5	6.35	1.59	CNMM 16 06 16-MR										★		☆								
		19	18.1	6.35	1.19	CNMM 19 06 12-MR										★		☆								
			17.7	6.35	1.59	CNMM 19 06 16-MR					★					☆	★	☆								
			16.9	6.35	2.38	CNMM 19 06 24-MR										★		☆								

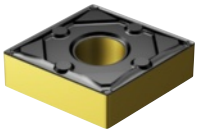
A162 A200 A262 A278 H36 H6

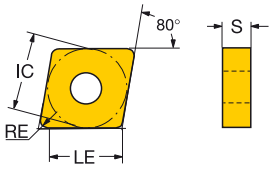
SANDVIK Coromant

ENG

T-Max® P insert for turning

C-style insert (Rhombic 80°)





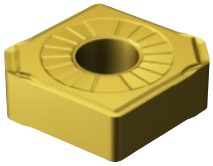
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Roughing	PR	12	12.1	4.76	0.79	CNMG 12 04 08-PR		☆	☆	☆	★																
			11.7	4.76	1.19	CNMG 12 04 12-PR		☆	☆	☆	★																
			11.3	4.76	1.59	CNMG 12 04 16-PR		☆	☆	☆	★																
		16	15.3	6.35	0.79	CNMG 16 06 08-PR		☆		☆	★																
			14.9	6.35	1.19	CNMG 16 06 12-PR		☆	☆	☆	★																
			14.5	6.35	1.59	CNMG 16 06 16-PR		☆	☆	☆	★																
			13.7	6.35	2.38	CNMG 16 06 24-PR		☆	☆	☆	★																
		19	18.5	6.35	0.79	CNMG 19 06 08-PR			☆	☆	★																
			18.1	6.35	1.19	CNMG 19 06 12-PR		☆	☆	☆	★																
			17.7	6.35	1.59	CNMG 19 06 16-PR		☆	☆	☆	★																
			16.9	6.35	2.38	CNMG 19 06 24-PR			☆	☆	★																
		12	12.1	4.76	0.79	CNMM 12 04 08-PR		☆	☆	☆	★																
			11.7	4.76	1.19	CNMM 12 04 12-PR		☆	☆	☆	★																
			11.3	4.76	1.59	CNMM 12 04 16-PR		☆	☆	☆	★																
		16	15.3	6.35	0.79	CNMM 16 06 08-PR			☆	☆	★																
			14.9	6.35	1.19	CNMM 16 06 12-PR		☆	☆	☆	★																
			14.5	6.35	1.59	CNMM 16 06 16-PR		☆	☆	☆	★																
		19	18.1	6.35	1.19	CNMM 19 06 12-PR		☆	☆	☆	★																
			17.7	6.35	1.59	CNMM 19 06 16-PR		☆	☆	☆	★																
			16.9	6.35	2.38	CNMM 19 06 24-PR		☆	☆	☆	★																
	KR	12	12.5	4.76	0.40	CNMA 12 04 04-KR													☆	★								
			12.1	4.76	0.79	CNMA 12 04 08-KR													☆	★								
			11.7	4.76	1.19	CNMA 12 04 12-KR													☆	★								
			11.3	4.76	1.59	CNMA 12 04 16-KR													☆	★								
		16	14.9	6.35	1.19	CNMA 16 06 12-KR													☆	★								
			14.5	6.35	1.59	CNMA 16 06 16-KR													☆	★								
		19	18.5	6.35	0.79	CNMA 19 06 08-KR													☆	★								
			18.1	6.35	1.19	CNMA 19 06 12-KR													☆	★								
			17.7	6.35	1.59	CNMA 19 06 16-KR													☆	★								
			16.9	6.35	2.38	CNMA 19 06 24-KR													☆	★								
		12	12.1	4.76	0.79	CNMG 12 04 08-KR													☆	★								
			11.7	4.76	1.19	CNMG 12 04 12-KR													☆	★								
			11.3	4.76	1.59	CNMG 12 04 16-KR													☆	★								
		16	14.9	6.35	1.19	CNMG 16 06 12-KR													☆	★								
			14.5	6.35	1.59	CNMG 16 06 16-KR													☆	★								
		19	18.1	6.35	1.19	CNMG 19 06 12-KR													☆	★								
			17.7	6.35	1.59	CNMG 19 06 16-KR													☆	★								
	MR	12	12.1	4.76	0.79	CNMG 12 04 08-MR									☆	☆	★	☆										
			11.7	4.76	1.19	CNMG 12 04 12-MR									☆	☆	★	☆										
			11.3	4.76	1.59	CNMG 12 04 16-MR									☆	☆	★	☆										
		16	14.9	6.35	1.19	CNMG 16 06 12-MR									☆	☆	★	☆										
			14.5	6.35	1.59	CNMG 16 06 16-MR									☆	☆	★	☆										
		19	18.1	6.35	1.19	CNMG 19 06 12-MR									☆	☆	★	☆										
			17.7	6.35	1.59	CNMG 19 06 16-MR									☆	☆	★	☆										
			16.9	6.35	2.38	CNMG 19 06 24-MR											★	☆										
	SMR	16	10.6	6.35	1.59	CNMG 16 06 16-SMR							☆	☆		★						★	☆	☆	☆			
		19	18.1	6.35	1.19	CNMG 19 06 12-SMR							☆	☆		★						★	☆	☆	☆			
			12.7	6.35	1.59	CNMG 19 06 16-SMR							☆	☆		★						★	☆	☆	☆			
	XMR	12	12.1	4.76	0.79	CNMG 12 04 08-XMR			☆	★					☆	★		☆										
			11.7	4.76	1.19	CNMG 12 04 12-XMR			☆	★					☆	★		☆										
			11.3	4.76	1.59	CNMG 12 04 16-XMR			☆	★								★										
		16	14.9	6.35	1.19	CNMG 16 06 12-XMR			☆	★								★										
			14.5	6.35	1.59	CNMG 16 06 16-XMR			☆	★								★										
		19	18.1	6.35	1.19	CNMG 19 06 12-XMR			☆	★								★										
			17.7	6.35	1.59	CNMG 19 06 16-XMR												★										

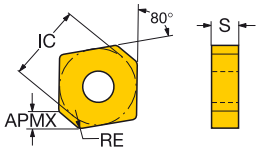
A162 A200 A262 A278 H36 H6

T-Max® P insert for turning

C-style insert (Rhombic 80°)

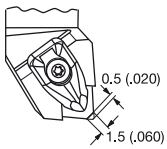
High feed geometry





		LE	S	RE	APMX	KCH	CHW	ISO CODE	M 2015	S 1105	S H13A	S S05F
Roughing	12	2.4	4.76	0.8	1.5	50°	1.5	CNMX 12 04 A1-SM		☆		★
		3.8	4.76	0.8	2.5	50°	2.5	CNMX 12 04 A2-SM	★	☆	☆	★

The holders taking the CNMX inserts need to be modified.



Shims
5322 234-07 for T-Max P lever design holders
5322 234-08 for CoroTurn RC holders

A162 A200 A262 A278 H36 H6

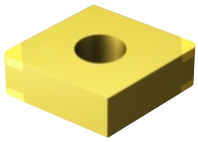
SANDVIK Coromant

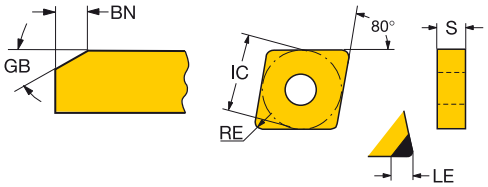
ENG

T-Max® P insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials





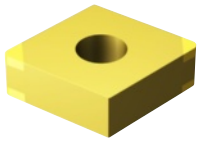
		LE	S	RE	GB	BN	ISO CODE	K			S	H					
								6190	650	7525	650	6060	7015	7025	7105	7115	7525
Finishing	09	2.4	3.18	0.4	30°	0.10	CNGA090304S01030A						★	☆			
		2.4	3.18	0.8	30°	0.10	CNGA090308S01030A						★	☆			
		2.0	3.18	0.8	35°	0.20	CNGA090308S02035A							★			
		2.4	3.18	0.4	30°	0.10	CNGA090304S01030AWH							★			
		2.4	3.18	0.4	30°	0.10	CNGA090304T01030AWH						★				
		2.4	3.18	0.8	30°	0.10	CNGA090308S01030AWH							★			
		2.4	3.18	0.8	30°	0.10	CNGA090308T01030AWH						★				
	12	1.8	4.76	0.4	20°	0.10	CNGA120404S01020A							★			
		2.6	4.76	0.4	20°	0.10	CNGA120404S01020H								★		
		3.0	4.76	0.4	30°	0.10	CNGA120404S01030A						★	☆			
		12.5	4.76	0.4	25°	0.15	CNGA120404S01525					★					
		2.6	4.76	0.4	25°	0.15	CNGA120404S01525H								☆	★	
		1.8	4.76	0.4	35°	0.20	CNGA120404S02035A							★			
		3.1	4.76	0.4	35°	0.20	CNGA120404S02035B			★							★
		3.1	4.76	0.4	20°	0.10	CNGA120404T01020B			★							★
		2.9	4.76	0.8	18°	0.10	CNGA120408S01018A						★	☆			
		2.5	4.76	0.8	20°	0.10	CNGA120408S01020H								★		
		2.9	4.76	0.8	30°	0.10	CNGA120408S01030A						★	☆			
		12.1	4.76	0.8	25°	0.15	CNGA120408S01525					★					
		2.5	4.76	0.8	25°	0.15	CNGA120408S01525H								☆	★	
		2.1	4.76	0.8	30°	0.15	CNGA120408S01530B										★
		2.5	4.76	0.8	30°	0.20	CNGA120408S02030H									★	
		2.9	4.76	0.8	35°	0.20	CNGA120408S02035A						★	☆			
		2.1	4.76	0.8	35°	0.20	CNGA120408S02035B										★
		12.1	4.76	0.8	20°	0.10	CNGA120408T01020		★		★						
		2.1	4.76	0.8	20°	0.10	CNGA120408T01020B			★							★
		2.1	4.76	0.8	30°	0.10	CNGA120408T01030A						★				
		12.1	4.76	0.8	25°	0.15	CNGA120408T01525					★					
		12.1	4.76	0.8	20°	0.25	CNGA120408T02520	★									
		2.8	4.76	1.2	18°	0.10	CNGA120412S01018A						★	☆			
		2.4	4.76	1.2	20°	0.10	CNGA120412S01020H								★		
		2.8	4.76	1.2	30°	0.10	CNGA120412S01030A						★	☆			
		11.7	4.76	1.2	25°	0.15	CNGA120412S01525					★					
		2.4	4.76	1.2	25°	0.15	CNGA120412S01525H								☆	★	
		2.4	4.76	1.2	30°	0.15	CNGA120412S01530B										★
		2.4	4.76	1.2	30°	0.20	CNGA120412S02030H									★	
		2.8	4.76	1.2	35°	0.20	CNGA120412S02035A						★	☆			
		2.4	4.76	1.2	35°	0.20	CNGA120412S02035B										★
		11.7	4.76	1.2	20°	0.10	CNGA120412T01020		★		★						
		2.4	4.76	1.2	20°	0.10	CNGA120412T01020B			★							★
		2.4	4.76	1.2	30°	0.10	CNGA120412T01030A						★				
		11.7	4.76	1.2	20°	0.25	CNGA120412T02520	★									
		2.7	4.76	1.6	30°	0.10	CNGA120416S01030A						★	☆			
		2.3	4.76	1.6	20°	0.10	CNGA120416S01525H								☆	★	
		2.7	4.76	1.6	35°	0.20	CNGA120416S02035A							★			
		11.3	4.76	1.6	20°	0.10	CNGA120416T01020		★		★						
		11.3	4.76	1.6	20°	0.25	CNGA120416T02520	★									
		12.1	7.94	0.8	20°	0.25	CNGQ120708T02520	★									
		11.7	7.94	1.2	20°	0.25	CNGQ120712T02520	★									
		11.3	7.94	1.6	20°	0.25	CNGQ120716T02520	★									
		11.7	7.94	1.2	20°	0.25	CNGX120712T02520	★									
		11.3	7.94	1.6	20°	0.25	CNGX120716T02520	★									
		2.1	4.76	0.8			CNGA120408EA						★				
		2.4	4.76	1.2			CNGA120412EA						★				
		1.8	4.76	0.4	20°	0.10	CNGA120404T01020BWG			★							★
		2.9	4.76	0.8	30°	0.10	CNGA120408S01030AWG						★	☆			
		2.5	4.76	0.8	20°	0.15	CNGA120408S01520HWG								☆	★	
		2.1	4.76	0.8	20°	0.10	CNGA120408T01020BWG			★							★
		12.1	4.76	0.8	20°	0.10	CNGA120408T01020WG	☆	★		★						
		2.8	4.76	1.2	30°	0.10	CNGA120412S01030AWG						★	☆			

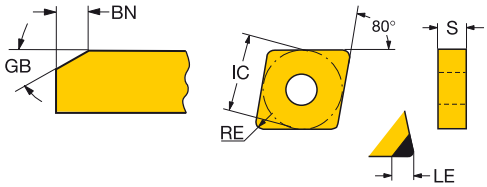
A162 A200 A262 A278 H36 H6 H3

T-Max® P insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials





		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
Finishing	12	2.4	4.76	1.2	20°	0.10	CNGA120412S01520HWG								☆	★	
		11.7	4.76	1.2	20°	0.10	CNGA120412T01020WG	☆	★		★						
		11.3	4.76	1.6	20°	0.10	CNGA120416T01020WG	★									
		12.1	7.94	0.8	20°	0.25	CNGQ120708T02520WG	★									
		11.7	7.94	1.2	20°	0.25	CNGQ120712T02520WG	★									
		3.0	4.76	0.4	30°	0.10	CNGA120404S01030AWH							★			
		12.5	4.76	0.4	25°	0.15	CNGA120404S01525WH					★					
		3.0	4.76	0.4	30°	0.10	CNGA120404T01030AWH						★				
		2.9	4.76	0.8	30°	0.10	CNGA120408S01030AWH						★	☆			
		2.4	4.76	1.2	20°	0.15	CNGA120408S01520HWH								☆	★	
		12.1	4.76	0.8	25°	0.15	CNGA120408S01525WH					★					
		2.1	4.76	0.8	35°	0.20	CNGA120408S02035AWH						★	☆			
		2.9	4.76	0.8	30°	0.10	CNGA120408T01030AWH						★				
		12.1	4.76	0.8	25°	0.15	CNGA120408T01525WH					★					
		2.8	4.76	1.2	30°	0.10	CNGA120412S01030AWH							★			
		2.4	4.76	1.2	20°	0.15	CNGA120412S01520HWH								☆	★	
		11.7	4.76	1.2	25°	0.15	CNGA120412S01525WH					★					
		2.8	4.76	1.2	30°	0.10	CNGA120412T01030AWH						★				
	16	15.3	6.35	0.8	20°	0.10	CNGA160608T01020		★		★						
		14.9	6.35	1.2	20°	0.10	CNGA160612T01020		★		★						
		14.9	6.35	1.2	20°	0.25	CNGA160612T02520	★									
		14.5	6.35	1.6	20°	0.25	CNGA160616T02520	★									
	19	17.7	6.35	1.6	20°	0.25	CNGA190616T02520	★									

A162 A200 A262 A278 H36 H6 H3

SANDVIK Coromant

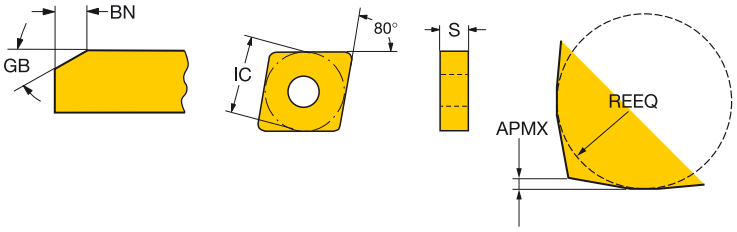
ENG

T-Max® P insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials - Xcel geometry

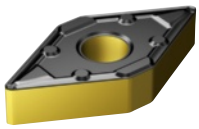


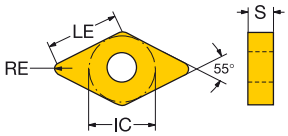


		S	REEQ	RE	APMX	BS	KCH	CHW	GB	BN	ISO CODE	H 7015	H 7025	H 7105	H 7115
Finishing	12	4.76	2.3	0.0	0.3	0.8	86°	1.7	15°	0.15	CNGX1204L025-18AXA	☆	★		
		4.76	2.3	0.0	0.3				15°	0.15	CNGX1204L025-18HXA			☆	★

T-Max® P insert for turning

D-style insert (Rhombic 55°)





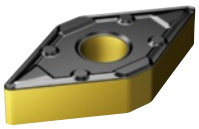
			LE	S	RE	ISO CODE	P						M						K			N	S					
							1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	H13A	1125	1105	1115	1125	H13A	S05F
Finishing	WF	11	11.2	4.76	0.40	DNMX 11 04 04-WF	☆		★	☆		☆	☆	☆	★				★	☆								
			10.8	4.76	0.79	DNMX 11 04 08-WF	☆	☆	★	☆		☆	☆	☆	★				★	☆								
		15	14.7	4.76	0.79	DNMX 15 04 08-WF		★											★	☆								
			14.3	4.76	1.19	DNMX 15 04 12-WF													★	☆								
			15.1	6.35	0.40	DNMX 15 06 04-WF			★	☆		☆																
			14.7	6.35	0.79	DNMX 15 06 08-WF	☆	☆	★	☆		☆		☆	★				★	☆								
			14.3	6.35	1.19	DNMX 15 06 12-WF		☆	★	☆									★	☆								
	PF	11	11.2	4.76	0.40	DNMG 11 04 04-PF	☆		★	☆		☆																
			10.8	4.76	0.79	DNMG 11 04 08-PF	☆	☆	★	☆		☆																
			10.4	4.76	1.19	DNMG 11 04 12-PF	☆	☆	★	☆																		
		15	14.7	4.76	0.79	DNMG 15 04 08-PF	☆	☆	★	☆		☆																
			14.3	4.76	1.19	DNMG 15 04 12-PF		☆	★	☆		☆																
			15.1	6.35	0.40	DNMG 15 06 04-PF	☆		★	☆		☆																
			14.7	6.35	0.79	DNMG 15 06 08-PF	☆	☆	★	☆		☆																
			14.3	6.35	1.19	DNMG 15 06 12-PF	☆	☆	★	☆		☆																
	KF	11	11.2	4.76	0.40	DNMG 11 04 04-KF													★	☆								
			10.8	4.76	0.79	DNMG 11 04 08-KF													★	☆								
		15	15.1	4.76	0.40	DNMG 15 04 04-KF													★	☆								
			14.7	4.76	0.79	DNMG 15 04 08-KF													★	☆								
			15.1	6.35	0.40	DNMG 15 06 04-KF													★	☆								
			14.7	6.35	0.79	DNMG 15 06 08-KF													★	☆								
			14.3	6.35	1.19	DNMG 15 06 12-KF													★	☆								
	MF	11	11.2	4.76	0.40	DNMG 11 04 04-MF							☆	☆	★	☆		☆					★	☆	☆			
			10.8	4.76	0.79	DNMG 11 04 08-MF							☆	☆	★	☆		☆					★	☆	☆			
		15	15.1	4.76	0.40	DNMG 15 04 04-MF							☆	☆	★	☆		☆						☆	☆		★	
			14.7	4.76	0.79	DNMG 15 04 08-MF							☆	☆	★	☆		☆					★	☆	☆		☆	
			14.3	4.76	1.19	DNMG 15 04 12-MF							☆	☆	★			☆						★	☆			
			15.1	6.35	0.40	DNMG 15 06 04-MF							☆	☆	★	☆		☆					★	☆	☆		☆	
			14.7	6.35	0.79	DNMG 15 06 08-MF							☆	☆	★	☆		☆					★	☆	☆		☆	
			14.3	6.35	1.19	DNMG 15 06 12-MF							☆	☆	★			☆					★	☆	☆		☆	
	K	15	15.1	4.76	0.40	DNMG 15 04 04L-K				★																		
			15.1	4.76	0.40	DNMG 15 04 04R-K			★	☆																		
			14.7	4.76	0.79	DNMG 15 04 08L-K				★																		
			14.7	4.76	0.79	DNMG 15 04 08R-K			★	☆							★											
			15.1	6.35	0.40	DNMG 15 06 04L-K	☆		★	☆							★											
			15.1	6.35	0.40	DNMG 15 06 04R-K	☆		★	☆							★											
			14.7	6.35	0.79	DNMG 15 06 08L-K			★	☆							★											
			14.7	6.35	0.79	DNMG 15 06 08R-K	☆		★	☆							★											
	SGF	15	13.6	4.76	0.10	DNGG 15 04 01-SGF							★	☆									★	☆	☆	☆		
			13.5	4.76	0.20	DNGG 15 04 02-SGF							★	☆									★	☆	☆	☆		
			6.4	4.76	0.40	DNGG 15 04 04-SGF							★	☆									★	☆	☆	☆	☆	
			6.4	4.76	0.79	DNGG 15 04 08-SGF							★	☆									★	☆	☆	☆	☆	
			6.4	4.76	1.19	DNGG 15 04 12-SGF							★										★	☆		☆		
			6.4	6.35	0.40	DNGG 15 06 04-SGF							★	☆									★	☆	☆	☆	☆	
			6.4	6.35	0.79	DNGG 15 06 08-SGF							★	☆									★	☆	☆	☆	☆	
			6.4	6.35	1.19	DNGG 15 06 12-SGF							★										★	☆		☆	☆	
	SF	11	11.2	4.76	0.40	DNMG 11 04 04-SF							★	☆									★	☆	☆	☆		
			10.8	4.76	0.79	DNMG 11 04 08-SF							★	☆									★	☆	☆	☆		
		15	6.4	4.76	0.40	DNMG 15 04 04-SF							★	☆									★	☆	☆	☆	☆	
			6.4	4.76	0.79	DNMG 15 04 08-SF							★	☆									★	☆	☆	☆	☆	
			6.4	4.76	1.19	DNMG 15 04 12-SF																						
			6.4	6.35	0.40	DNMG 15 06 04-SF							★	☆									★	☆	☆	☆	☆	
			6.4	6.35	0.79	DNMG 15 06 08-SF							★	☆									★	☆	☆	☆	☆	
			6.4	6.35	1.19	DNMG 15 06 12-SF																	★				☆	
	XF	15	15.1	4.76	0.40	DNMG 15 04 04-XF			★	☆					★	☆												
			14.7	4.76	0.79	DNMG 15 04 08-XF			★	☆					★	☆												
			15.1	6.35	0.40	DNMG 15 06 04-XF			★	☆					★	☆												
			14.7	6.35	0.79	DNMG 15 06 08-XF			★	☆					★	☆		☆										

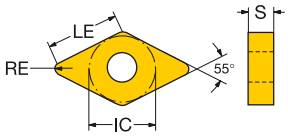
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SANDVIK Coromant

T-Max® P insert for turning

D-style insert (Rhombic 55°)



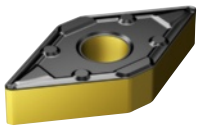


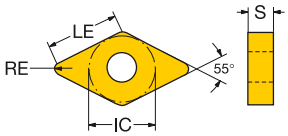
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Medium	WM	11	10.8	4.76	0.79	DNMX 11 04 08-WM		☆	☆	★					★												
			10.4	4.76	1.19	DNMX 11 04 12-WM		☆	☆	★	☆																
		15	14.7	4.76	0.79	DNMX 15 04 08-WM			☆	★																	
			14.3	4.76	1.19	DNMX 15 04 12-WM		☆	☆	★																	
			13.9	4.76	1.59	DNMX 15 04 16-WM			☆	★																	
			14.7	6.35	0.79	DNMX 15 06 08-WM		☆	☆	★	☆				★				★	☆							
			14.3	6.35	1.19	DNMX 15 06 12-WM	☆	☆	☆	★					★				★	☆							
			13.9	6.35	1.59	DNMX 15 06 16-WM			☆	★									★	☆							
	WMX	15	14.7	4.76	0.79	DNMX 15 04 08-WMX		★												★							
			14.3	4.76	1.19	DNMX 15 04 12-WMX		★																			
			13.9	4.76	1.59	DNMX 15 04 16-WMX		★																			
			14.7	6.35	0.79	DNMX 15 06 08-WMX		☆	☆	★					★				★	☆							
			14.3	6.35	1.19	DNMX 15 06 12-WMX		☆	☆	★					★				★	☆							
			13.9	6.35	1.59	DNMX 15 06 16-WMX		☆	☆	★					★				★	☆							
	PM	11	11.2	4.76	0.40	DNMG 11 04 04-PM			☆	★	☆																
			10.8	4.76	0.79	DNMG 11 04 08-PM	☆	☆	☆	★	☆																
			10.4	4.76	1.19	DNMG 11 04 12-PM		☆	☆	★	☆																
		15	15.1	4.76	0.40	DNMG 15 04 04-PM			☆		☆																
			14.7	4.76	0.79	DNMG 15 04 08-PM		☆	☆	★	☆																
			14.3	4.76	1.19	DNMG 15 04 12-PM		☆	☆	★	☆																
			15.1	6.35	0.40	DNMG 15 06 04-PM			☆	★	☆																
			14.7	6.35	0.79	DNMG 15 06 08-PM	☆	☆	☆	★	☆																
			14.3	6.35	1.19	DNMG 15 06 12-PM		☆	☆	★	☆																
			13.9	6.35	1.59	DNMG 15 06 16-PM		☆	☆	★	☆																
	MM	11	10.8	4.76	0.79	DNMG 11 04 08-MM							☆	☆	☆	★	☆	☆				☆		★	☆			
			10.4	4.76	1.19	DNMG 11 04 12-MM									☆	★		☆										
		15	14.7	4.76	0.79	DNMG 15 04 08-MM												☆										
			14.3	4.76	1.19	DNMG 15 04 12-MM												☆										
			14.7	6.35	0.79	DNMG 15 06 08-MM							☆	☆	☆	★	☆	☆				☆		★	☆			
			14.3	6.35	1.19	DNMG 15 06 12-MM									☆	★	☆	☆										
	KM	11	10.8	4.76	0.79	DNMG 11 04 08-KM													★	☆								
			10.4	4.76	1.19	DNMG 11 04 12-KM														★								
		15	14.7	4.76	0.79	DNMG 15 04 08-KM														★								
			14.3	4.76	1.19	DNMG 15 04 12-KM														★								
			14.7	6.35	0.79	DNMG 15 06 08-KM													★	☆								
			14.3	6.35	1.19	DNMG 15 06 12-KM													★	☆								
	QM	11	11.2	4.76	0.40	DNMG 11 04 04-QM				★																		
			10.8	4.76	0.79	DNMG 11 04 08-QM				★			★											★				
			10.4	4.76	1.19	DNMG 11 04 12-QM			☆	★																		
		15	15.1	4.76	0.40	DNMG 15 04 04-QM					★		★								★		★	☆		☆		
			14.7	4.76	0.79	DNMG 15 04 08-QM		☆	☆	★	☆		☆			★		★			★		★	☆		☆	☆	
			14.3	4.76	1.19	DNMG 15 04 12-QM			☆	★			☆					★			★		★	☆		☆		
			15.1	6.35	0.40	DNMG 15 06 04-QM			☆	★	☆		☆			★		★			★		★	☆		☆		
			14.7	6.35	0.79	DNMG 15 06 08-QM		☆	☆	★	☆		☆			★		★			★		★	☆		☆	☆	
			14.3	6.35	1.19	DNMG 15 06 12-QM		☆	☆	★	☆		☆			★		★			★		★	☆		☆	☆	
			13.9	6.35	1.59	DNMG 15 06 16-QM		☆	☆	★	☆							★										
	SM	11	11.2	4.76	0.40	DNMG 11 04 04-SM							★	☆									★	☆	☆	☆	☆	
		15	6.4	4.76	0.40	DNMG 15 04 04-SM							★	☆									★	☆	☆		☆	
			6.4	4.76	0.79	DNMG 15 04 08-SM							★	☆									★	☆	☆	☆	☆	
			6.4	4.76	1.19	DNMG 15 04 12-SM							★	☆									★	☆	☆	☆	☆	
			6.4	6.35	0.40	DNMG 15 06 04-SM							★	☆									★	☆	☆	☆	☆	
			6.4	6.35	0.79	DNMG 15 06 08-SM							★	☆									★	☆	☆	☆	☆	
			6.4	6.35	1.19	DNMG 15 06 12-SM							★	☆									★	☆	☆	☆	☆	
	SMR	15	6.4	4.76	0.79	DNMG 15 04 08-SMR							☆	☆		★							★	☆	☆	☆	☆	
			6.4	4.76	1.19	DNMG 15 04 12-SMR							★	☆									★	☆	☆		☆	
			6.4	6.35	0.79	DNMG 15 06 08-SMR							☆	☆		★							★	☆	☆	☆	☆	
			6.4	6.35	1.19	DNMG 15 06 12-SMR							★	☆									★	☆	☆	☆	☆	
			6.4	6.35	1.59	DNMG 15 06 16-SMR							★	☆									★	☆	☆	☆	☆	

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T-Max® P insert for turning

D-style insert (Rhombic 55°)





			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
Medium	XM	15	15.1	4.76	0.40	DNMG 15 04 04-XM			☆	★																	
			14.7	4.76	0.79	DNMG 15 04 08-XM			☆	★						★		☆									
			15.1	6.35	0.40	DNMG 15 06 04-XM			☆	★																	
			14.7	6.35	0.79	DNMG 15 06 08-XM			☆	★						★		☆									
			14.3	6.35	1.19	DNMG 15 06 12-XM			☆	★								★									
Roughing	MR	15	14.7	6.35	0.79	DNMM 15 06 08-MR										★		☆									
			14.3	6.35	1.19	DNMM 15 06 12-MR										★		☆									
	XMR	15	14.3	6.35	1.19	DNMG 15 06 12-XMR			☆	★								★									
	PR	15	14.7	4.76	0.79	DNMG 15 04 08-PR		☆	☆	☆	★																
			14.3	4.76	1.19	DNMG 15 04 12-PR		☆	☆	☆	★																
			13.9	4.76	1.59	DNMG 15 04 16-PR		☆	☆	★																	
			14.7	6.35	0.79	DNMG 15 06 08-PR		☆	☆	☆	★																
			14.3	6.35	1.19	DNMG 15 06 12-PR		☆	☆	☆	★																
			13.9	6.35	1.59	DNMG 15 06 16-PR		☆	☆	☆	★																
		19	18.6	6.35	0.79	DNMG 19 06 08-PR			☆	☆	★																
			18.2	6.35	1.19	DNMG 19 06 12-PR			☆	☆	★																
		15	14.7	6.35	0.79	DNMM 15 06 08-PR			☆	☆	★																
			14.3	6.35	1.19	DNMM 15 06 12-PR		☆	☆	☆	★																
			13.9	6.35	1.59	DNMM 15 06 16-PR		☆	☆	☆	★																
	KR	15	14.7	4.76	0.79	DNMA 15 04 08-KR														★							
			14.3	4.76	1.19	DNMA 15 04 12-KR													☆	★							
			14.7	6.35	0.79	DNMA 15 06 08-KR													☆	★							
			14.3	6.35	1.19	DNMA 15 06 12-KR													☆	★							
			13.9	6.35	1.59	DNMA 15 06 16-KR													☆	★							
			14.7	4.76	0.79	DNMG 15 04 08-KR														★							
			14.3	4.76	1.19	DNMG 15 04 12-KR														★							
			14.7	6.35	0.79	DNMG 15 06 08-KR													☆	★							
			14.3	6.35	1.19	DNMG 15 06 12-KR													☆	★							
			13.9	6.35	1.59	DNMG 15 06 16-KR													☆	★							
	MR	15	14.7	4.76	0.79	DNMG 15 04 08-MR									☆	☆	★	☆									
			14.3	4.76	1.19	DNMG 15 04 12-MR									☆	☆	★	☆									
			13.9	4.76	1.59	DNMG 15 04 16-MR									☆		★	☆									
			14.7	6.35	0.79	DNMG 15 06 08-MR									☆	☆	★	☆									
			14.3	6.35	1.19	DNMG 15 06 12-MR									☆	☆	★	☆									
			13.9	6.35	1.59	DNMG 15 06 16-MR											★	☆									

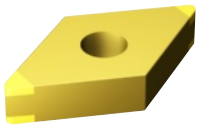
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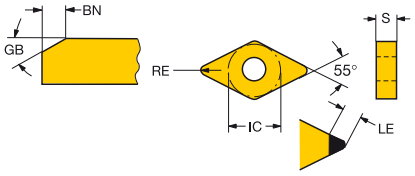
SANDVIK Coromant

T-Max® P insert for turning

D-style insert (Rhombic 55°)

Advanced cutting materials





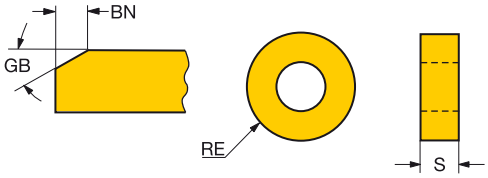
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Finishing	11	1.8	4.76	0.4	20°	0.10	DNGA110404S01020A							★			
		3.2	4.76	0.4	30°	0.10	DNGA110404S01030A						★	☆			
		2.9	4.76	0.4	25°	0.15	DNGA110404S01525H								☆	★	
		1.8	4.76	0.4	20°	0.10	DNGA110404T01020B			★							★
		2.1	4.76	0.8	20°	0.10	DNGA110408S01020A							★			
		2.8	4.76	0.8	30°	0.10	DNGA110408S01030A						★	☆			
		2.5	4.76	0.8	25°	0.15	DNGA110408S01525H								☆	★	
		1.8	4.76	0.8	35°	0.20	DNGA110408S02035A							★			
		2.1	4.76	0.8	20°	0.10	DNGA110408T01020B			★							★
		2.5	4.76	1.2	30°	0.10	DNGA110412S01030A						★				
		2.1	4.76	1.2	25°	0.15	DNGA110412S01525H								☆	★	
	15	1.8	4.76	0.4	20°	0.10	DNGA150404S01020A							★			
		2.9	4.76	0.4	20°	0.10	DNGA150404S01020H								★		
		4.0	4.76	0.4	30°	0.10	DNGA150404S01030A						★	☆			
		15.1	4.76	0.4	25°	0.15	DNGA150404S01525					★					
		2.9	4.76	0.4	25°	0.15	DNGA150404S01525H								☆	★	
		1.8	4.76	0.4	35°	0.20	DNGA150404S02035A							★			
		2.1	4.76	0.8	20°	0.10	DNGA150408S01020A							★			
		2.5	4.76	0.8	20°	0.10	DNGA150408S01020H								★		
		3.6	4.76	0.8	30°	0.10	DNGA150408S01030A						★	☆			
		14.7	4.76	0.8	25°	0.15	DNGA150408S01525					★					
		2.5	4.76	0.8	25°	0.15	DNGA150408S01525H								☆	★	
		2.2	4.76	0.8	30°	0.15	DNGA150408S01530B										★
		2.5	4.76	0.8	30°	0.20	DNGA150408S02030H									★	
		2.1	4.76	0.8	35°	0.20	DNGA150408S02035A						★	☆			
		14.7	4.76	0.8	20°	0.10	DNGA150408T01020		★		☆						
		14.7	4.76	0.8	25°	0.15	DNGA150408T01525					★					
		14.7	4.76	0.8	20°	0.25	DNGA150408T02520	★									
		2.1	4.76	1.2	20°	0.10	DNGA150412S01020H								★		
		3.3	4.76	1.2	30°	0.10	DNGA150412S01030A						★	☆			
		14.3	4.76	1.2	25°	0.15	DNGA150412S01525					★					
		2.1	4.76	1.2	25°	0.15	DNGA150412S01525H								☆	★	
		3.3	4.76	1.2	30°	0.15	DNGA150412S01530B										★
		2.1	4.76	1.2	30°	0.20	DNGA150412S02030H									★	
		2.4	4.76	1.2	35°	0.20	DNGA150412S02035A						★	☆			
		14.3	4.76	1.2	20°	0.10	DNGA150412T01020		★		☆						
		14.3	4.76	1.2	20°	0.25	DNGA150412T02520	★									
		2.9	4.76	1.6	30°	0.10	DNGA150416S01030A						★	☆			
		2.5	4.76	1.6	25°	0.15	DNGA150416S01525H								☆	★	
		13.9	4.76	1.6	20°	0.10	DNGA150416T01020		★		☆						
		15.1	6.35	0.4	25°	0.15	DNGA150604S01525					★					
		14.7	6.35	0.8	25°	0.15	DNGA150608S01525					★					
		14.7	6.35	0.8	25°	0.15	DNGA150608T01525					★					
		14.3	6.35	1.2	25°	0.15	DNGA150612S01525					★					
		14.7	7.94	0.8	20°	0.25	DNGQ150708T02520	★									
		14.3	7.94	1.2	20°	0.25	DNGQ150712T02520	★									
		13.9	7.94	1.6	20°	0.25	DNGQ150716T02520	★									
		2.2	4.76	0.8			DNGA150408EA						★				
		2.5	4.76	1.2			DNGA150412EA						★				
		3.6	4.76	0.8	30°	0.10	DNGA150408S01030AWH						★	☆			
		2.5	4.76	0.8	20°	0.15	DNGA150408S01520HWH								☆	★	
		2.1	4.76	0.8	35°	0.20	DNGA150408S02035AWH							★			
		3.3	4.76	1.2	30°	0.10	DNGA150412S01030AWH						★	☆			
		2.1	4.76	1.2	20°	0.15	DNGA150412S01520HWH								☆	★	

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T-Max® P insert for turning

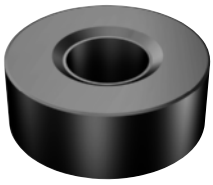
R-style insert (Round)

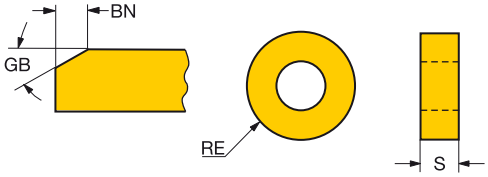




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Medium	SM	19	6.35	9.53			RNMG 19 06 00-SM					★	☆					★	☆	☆	☆	☆
	00	10	3.18	5.00	15°	0.20	RCMX 10 03 00		☆	★	☆					★	★				★	
		12	4.76	6.00	15°	0.20	RCMX 12 04 00	☆	☆	★	☆					★	★				★	
		16	6.35	8.00	15°	0.25	RCMX 16 06 00	☆	☆	★	☆					★	★				★	
		20	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															★
	00	09	3.18	4.76			RNMG 09 03 00			★	☆			★	☆							
		12	4.76	6.35			RNMG 12 04 00	☆	☆	★	☆			★	☆							
		15	6.35	7.94			RNMG 15 06 00	☆	☆	★	☆											
		19	6.35	9.53			RNMG 19 06 00			★	☆			★	☆							

Advanced cutting materials





	S	RE	GB	BN	ISO CODE	K 650	S 650
Finishing	12	4.76	6.35	20°	0.10	RNGA120400T01020	★	★

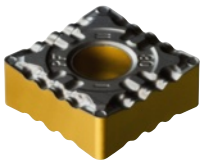
A162 A200 A262 A278 H36 H6 H3

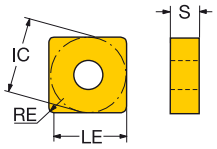
SANDVIK Coromant

ENG

T-Max® P insert for turning

S-style insert (Square)



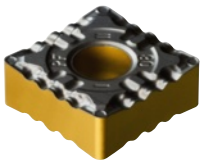


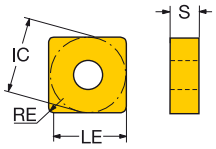
			LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	S 1105	S 1115	S 1125	S H13A	S S05F
Finishing	PF	12	11.9	4.76	0.79	SNMG 12 04 08-PF	☆	☆	★	☆		☆														
			11.5	4.76	1.19	SNMG 12 04 12-PF	☆		★	☆		☆														
	MF	12	12.3	4.76	0.40	SNMG 12 04 04-MF							☆	☆	★	☆		☆					★	☆		
			11.9	4.76	0.79	SNMG 12 04 08-MF							☆	☆	★	☆		☆					★	☆		
Medium	PM	09	9.1	3.18	0.40	SNMG 09 03 04-PM			☆	★	☆															
			8.7	3.18	0.79	SNMG 09 03 08-PM			☆	★	☆															
		12	12.3	4.76	0.40	SNMG 12 04 04-PM			☆	★	☆															
			11.9	4.76	0.79	SNMG 12 04 08-PM		☆	☆	★	☆															
			11.5	4.76	1.19	SNMG 12 04 12-PM		☆	☆	★	☆															
			11.1	4.76	1.59	SNMG 12 04 16-PM			☆	★	☆															
		15	14.7	6.35	1.19	SNMG 15 06 12-PM		☆	☆	★	☆															
			14.3	6.35	1.59	SNMG 15 06 16-PM			☆	★																
	MM	12	11.9	4.76	0.79	SNMG 12 04 08-MM							☆	☆	☆	★	☆	☆								
			11.5	4.76	1.19	SNMG 12 04 12-MM									☆	★	☆	☆								
			11.1	4.76	1.59	SNMG 12 04 16-MM									☆	★	☆	☆								
		15	14.7	6.35	1.19	SNMG 15 06 12-MM										★	☆	☆								
			14.3	6.35	1.59	SNMG 15 06 16-MM										★		☆								
		19	17.9	6.35	1.19	SNMG 19 06 12-MM										★	☆	☆								
			17.5	6.35	1.59	SNMG 19 06 16-MM										★	☆	☆								
	KM	09	8.7	3.18	0.79	SNMG 09 03 08-KM													★	☆						
		12	11.9	4.76	0.79	SNMG 12 04 08-KM													★	☆						
			11.5	4.76	1.19	SNMG 12 04 12-KM													★	☆						
			11.1	4.76	1.59	SNMG 12 04 16-KM													★	☆						
		15	14.7	6.35	1.19	SNMG 15 06 12-KM													★	☆						
			14.3	6.35	1.59	SNMG 15 06 16-KM													★	☆						
		19	17.9	6.35	1.19	SNMG 19 06 12-KM													★	☆						
			17.5	6.35	1.59	SNMG 19 06 16-KM													★	☆						
	QM	09	9.1	3.18	0.40	SNMG 09 03 04-QM				★																
			8.7	3.18	0.79	SNMG 09 03 08-QM				★	☆										★				★	
		12	12.3	4.76	0.40	SNMG 12 04 04-QM				★	☆															
			11.9	4.76	0.79	SNMG 12 04 08-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆	☆
			11.5	4.76	1.19	SNMG 12 04 12-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆	
			11.1	4.76	1.59	SNMG 12 04 16-QM			☆	★			☆					★			★	★	☆		☆	
		15	15.1	6.35	0.79	SNMG 15 06 08-QM				★																
			14.7	6.35	1.19	SNMG 15 06 12-QM			☆	★			☆					★			★	★	☆		☆	
			14.3	6.35	1.59	SNMG 15 06 16-QM				★			☆					★				★	☆			
		19	18.3	6.35	0.79	SNMG 19 06 08-QM				★																
			17.9	6.35	1.19	SNMG 19 06 12-QM			☆	★			★								★	★	☆		☆	
			17.5	6.35	1.59	SNMG 19 06 16-QM			☆	★			★								★	★	☆		☆	
	SM	12	12.3	4.76	0.40	SNMG 12 04 04-SM							★	☆								★	☆	☆	☆	☆
			8.5	4.76	0.79	SNMG 12 04 08-SM							★	☆								★	☆	☆	☆	☆
			8.5	4.76	1.19	SNMG 12 04 12-SM							★	☆								★	☆	☆	☆	☆
			8.5	4.76	1.59	SNMG 12 04 16-SM							★	☆								★	☆	☆	☆	☆
		15	15.1	6.35	0.79	SNMG 15 06 08-SM							☆			★						★	☆			
			10.6	6.35	1.19	SNMG 15 06 12-SM							☆			★						★	☆		☆	☆
			10.6	6.35	1.59	SNMG 15 06 16-SM							☆			★						★	☆		☆	☆
		19	17.9	6.35	1.19	SNMG 19 06 12-SM							★									★	☆		☆	
			12.7	6.35	1.59	SNMG 19 06 16-SM							★									★	☆		☆	☆
	SMR	12	8.5	4.76	0.79	SNMG 12 04 08-SMR							★	☆								★	☆	☆	☆	☆
			8.5	4.76	1.19	SNMG 12 04 12-SMR							★	☆								★	☆	☆	☆	☆
			8.5	4.76	1.59	SNMG 12 04 16-SMR							★	☆								★	☆	☆	☆	
	XM	12	11.9	4.76	0.79	SNMG 12 04 08-XM				★						★		☆								
			11.5	4.76	1.19	SNMG 12 04 12-XM				★						★		☆								

A162 A200 A262 A278 H36 H6

T-Max® P insert for turning

S-style insert (Square)





			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
Roughing	MR	12	11.9	4.76	0.79	SNMM 12 04 08-MR										☆	★	☆								
			11.5	4.76	1.19	SNMM 12 04 12-MR					★					☆	★	☆								
			11.1	4.76	1.59	SNMM 12 04 16-MR										★		☆								
		15	14.7	6.35	1.19	SNMM 15 06 12-MR										★										
			14.3	6.35	1.59	SNMM 15 06 16-MR										★										
		19	17.9	6.35	1.19	SNMM 19 06 12-MR										★		☆								
			17.5	6.35	1.59	SNMM 19 06 16-MR					★					☆	★	☆								
			16.7	6.35	2.38	SNMM 19 06 24-MR					★					☆	★	☆								
			15.9	6.35	3.18	SNMM 19 06 32-MR					★						★									
	PR	12	11.9	4.76	0.79	SNMG 12 04 08-PR		☆	☆	☆	★															
			11.5	4.76	1.19	SNMG 12 04 12-PR		☆	☆	☆	★															
			11.1	4.76	1.59	SNMG 12 04 16-PR		☆	☆	☆	★															
		15	15.1	6.35	0.79	SNMG 15 06 08-PR			☆	☆	★															
			14.7	6.35	1.19	SNMG 15 06 12-PR			☆	☆	★															
			14.3	6.35	1.59	SNMG 15 06 16-PR			☆	☆	★															
			13.5	6.35	2.38	SNMG 15 06 24-PR			☆	★																
		19	18.3	6.35	0.79	SNMG 19 06 08-PR			☆	☆	★															
			17.9	6.35	1.19	SNMG 19 06 12-PR			☆	☆	★															
			17.5	6.35	1.59	SNMG 19 06 16-PR		☆	☆	☆	★															
			16.7	6.35	2.38	SNMG 19 06 24-PR			☆	☆	★															
		12	11.9	4.76	0.79	SNMM 12 04 08-PR			☆	☆	★															
			11.5	4.76	1.19	SNMM 12 04 12-PR			☆	☆	★															
		15	14.7	6.35	1.19	SNMM 15 06 12-PR			☆	☆	★															
			14.3	6.35	1.59	SNMM 15 06 16-PR		☆	☆	☆	★															
		19	17.9	6.35	1.19	SNMM 19 06 12-PR			☆	☆	★															
			17.5	6.35	1.59	SNMM 19 06 16-PR		☆	☆	☆	★															
			16.7	6.35	2.38	SNMM 19 06 24-PR		☆	☆	☆	★															
	KR	09	8.7	3.18	0.79	SNMA 09 03 08-KR													☆	★						
		12	11.9	4.76	0.79	SNMA 12 04 08-KR													☆	★						
			11.5	4.76	1.19	SNMA 12 04 12-KR													☆	★						
			11.1	4.76	1.59	SNMA 12 04 16-KR													☆	★						
		15	14.7	6.35	1.19	SNMA 15 06 12-KR													☆	★						
			14.3	6.35	1.59	SNMA 15 06 16-KR													☆	★						
		19	18.3	6.35	0.79	SNMA 19 06 08-KR													☆	★						
			17.9	6.35	1.19	SNMA 19 06 12-KR													☆	★						
			17.5	6.35	1.59	SNMA 19 06 16-KR													☆	★						
		12	11.9	4.76	0.79	SNMG 12 04 08-KR													☆	★						
			11.5	4.76	1.19	SNMG 12 04 12-KR													☆	★						
			11.1	4.76	1.59	SNMG 12 04 16-KR													☆	★						
		15	14.7	6.35	1.19	SNMG 15 06 12-KR													☆	★						
			14.3	6.35	1.59	SNMG 15 06 16-KR													☆	★						
		19	17.5	6.35	1.59	SNMG 19 06 16-KR													☆	★						
	MR	12	11.9	4.76	0.79	SNMG 12 04 08-MR									☆	☆	★	☆								
			11.5	4.76	1.19	SNMG 12 04 12-MR									☆	☆	★	☆								
		15	14.7	6.35	1.19	SNMG 15 06 12-MR										☆	★	☆								
			14.3	6.35	1.59	SNMG 15 06 16-MR										☆	★	☆								
		19	17.9	6.35	1.19	SNMG 19 06 12-MR									☆	☆	★	☆								
			17.5	6.35	1.59	SNMG 19 06 16-MR									☆	☆	★	☆								
			16.7	6.35	2.38	SNMG 19 06 24-MR											★									
	SMR	15	10.6	6.35	1.59	SNMG 15 06 16-SMR							☆			★						★	☆		☆	☆
		19	17.9	6.35	1.19	SNMG 19 06 12-SMR							★									★	☆		☆	
			12.7	6.35	1.59	SNMG 19 06 16-SMR							☆			★						★	☆		☆	☆
	XMR	12	11.9	4.76	0.79	SNMG 12 04 08-XMR			☆	★						★		☆								
			11.5	4.76	1.19	SNMG 12 04 12-XMR			☆	★						★		☆								
			11.1	4.76	1.59	SNMG 12 04 16-XMR												★								

A162 A200 A262 A278 H36 H6

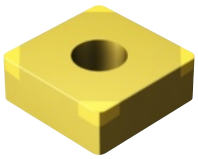
SANDVIK Coromant

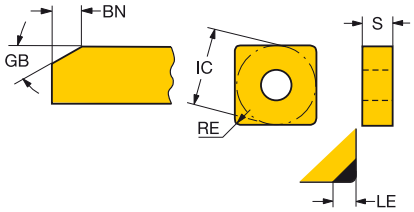
ENG

T-Max® P insert for turning

S-style insert (Square)

Advanced cutting materials



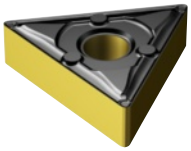


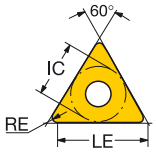
		LE	S	RE	GB	BN	ISO CODE	K 6190	K 650	K 7525	S 650	H 6050	H 7015	H 7025	H 7105	H 7115	H 7525
Finishing	09	2.2	3.18	0.8	30°	0.10	SNGA090308S01030A							★			
	12	2.8	4.76	0.8	30°	0.10	SNGA120408S01030A						★	☆			
		11.9	4.76	0.8	25°	0.15	SNGA120408S01525					★					
		2.5	4.76	0.8	25°	0.15	SNGA120408S01525F								☆	★	
		11.9	4.76	0.8	20°	0.10	SNGA120408T01020		★		☆						
		2.8	4.76	0.8	20°	0.10	SNGA120408T01020B			★							★
		11.9	4.76	0.8	25°	0.15	SNGA120408T01525					★					
		11.9	4.76	0.8	20°	0.25	SNGA120408T02520	★									
		2.8	4.76	1.2	30°	0.10	SNGA120412S01030A						★	☆			
		11.5	4.76	1.2	25°	0.15	SNGA120412S01525					★					
		2.5	4.76	1.2	25°	0.15	SNGA120412S01525F								☆	★	
		2.8	4.76	1.2	35°	0.20	SNGA120412S02035A							★			
		2.8	4.76	1.2	35°	0.20	SNGA120412S02035B										★
		11.5	4.76	1.2	20°	0.10	SNGA120412T01020		★		☆						
		2.8	4.76	1.2	20°	0.10	SNGA120412T01020B			★							★
		11.5	4.76	1.2	20°	0.25	SNGA120412T02520	★									
		11.1	4.76	1.6	20°	0.10	SNGA120416T01020		★		☆						
		11.1	4.76	1.6	20°	0.25	SNGA120416T02520	★									
		11.9	7.94	0.8	20°	0.25	SNGQ120708T02520	★									
		11.5	7.94	1.2	20°	0.25	SNGQ120712T02520	★									
		11.1	7.94	1.6	20°	0.25	SNGQ120716T02520	★									
		11.5	7.94	1.2	20°	0.25	SNGX120712T02520	★									
		11.1	7.94	1.6	20°	0.25	SNGX120716T02520	★									

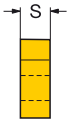
A162 A200 A262 A278 H36 H6 H3

T-Max® P insert for turning

T-style insert (Triangular)







			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
Finishing	PF	16	16.1	4.76	0.40	TNMG 16 04 04-PF	☆		★	☆		☆														
			15.7	4.76	0.79	TNMG 16 04 08-PF	☆	☆	★	☆		☆														
			15.3	4.76	1.19	TNMG 16 04 12-PF	☆	☆	★	☆		☆														
		22	21.2	4.76	0.79	TNMG 22 04 08-PF	☆		★	☆		☆														
			20.8	4.76	1.19	TNMG 22 04 12-PF			★	☆																
	KF	16	16.1	4.76	0.40	TNMG 16 04 04-KF													★	☆						
			15.7	4.76	0.79	TNMG 16 04 08-KF													★	☆						
	MF	16	16.1	4.76	0.40	TNMG 16 04 04-MF							☆	☆	★	☆		☆					★	☆		
			15.7	4.76	0.79	TNMG 16 04 08-MF							☆	☆	★	☆		☆					★	☆		
			15.3	4.76	1.19	TNMG 16 04 12-MF							☆	☆	★	☆							★	☆		
	K	16	16.1	4.76	0.40	TNMG 16 04 04L-K	☆		★	☆							★									
			16.1	4.76	0.40	TNMG 16 04 04R-K	☆		★	☆							★									
			15.7	4.76	0.79	TNMG 16 04 08L-K	☆		★	☆							★									
			15.7	4.76	0.79	TNMG 16 04 08R-K	☆		★	☆							★									
	WF	16	16.1	4.76	0.40	TNMX 16 04 04-WF	☆		★	☆		☆	☆	☆	★				★	☆						
			15.7	4.76	0.79	TNMX 16 04 08-WF	☆	☆	★	☆		☆	☆	☆	★				★	☆						
	SF	16	4.8	4.76	0.40	TNMG 16 04 04-SF							★	☆								★	☆	☆	☆	☆
			4.8	4.76	0.79	TNMG 16 04 08-SF							★	☆								★	☆	☆	☆	☆
			15.3	4.76	1.19	TNMG 16 04 12-SF							★	☆								★	☆	☆	☆	
	XF	16	16.1	4.76	0.40	TNMG 16 04 04-XF			★	☆					★	☆		☆								
			15.7	4.76	0.79	TNMG 16 04 08-XF			★	☆					★	☆		☆								
Medium	WM	16	15.7	4.76	0.79	TNMX 16 04 08-WM		☆	☆	★									★	☆						
			15.3	4.76	1.19	TNMX 16 04 12-WM	☆	☆	☆	★					★				★	☆						
	WMX	16	15.7	4.76	0.79	TNMX 16 04 08-WMX		☆	☆	★					★				★	☆						
			15.3	4.76	1.19	TNMX 16 04 12-WMX		☆	☆	★									★	☆						
	PM	16	16.1	4.76	0.40	TNMG 16 04 04-PM			☆	★	☆															
			15.7	4.76	0.79	TNMG 16 04 08-PM	☆	☆	☆	★	☆															
			15.3	4.76	1.19	TNMG 16 04 12-PM	☆	☆	☆	★	☆															
		22	21.6	4.76	0.40	TNMG 22 04 04-PM			☆	★	☆															
			21.2	4.76	0.79	TNMG 22 04 08-PM			☆	★	☆															
			20.8	4.76	1.19	TNMG 22 04 12-PM			☆	★	☆															
			20.4	4.76	1.59	TNMG 22 04 16-PM			☆	★	☆															
	MM	16	15.7	4.76	0.79	TNMG 16 04 08-MM							☆	☆	☆	★	☆	☆					★	☆		
			15.3	4.76	1.19	TNMG 16 04 12-MM							☆	☆	☆	★	☆	☆								
		22	21.2	4.76	0.79	TNMG 22 04 08-MM							☆	☆	☆	★	☆	☆								
			20.8	4.76	1.19	TNMG 22 04 12-MM									☆	★	☆	☆								
			20.4	4.76	1.59	TNMG 22 04 16-MM										★		☆								
	KM	16	15.7	4.76	0.79	TNMG 16 04 08-KM													★	☆						
			15.3	4.76	1.19	TNMG 16 04 12-KM													★	☆						
		22	21.2	4.76	0.79	TNMG 22 04 08-KM													★	☆						
			20.8	4.76	1.19	TNMG 22 04 12-KM													★	☆						
			20.4	4.76	1.59	TNMG 22 04 16-KM													★	☆						
	QM	16	16.1	4.76	0.40	TNMG 16 04 04-QM			☆	★	☆					★		★			★				★	
			15.7	4.76	0.79	TNMG 16 04 08-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆	
			15.3	4.76	1.19	TNMG 16 04 12-QM		☆	☆	★	☆		★			★						★	☆			
		22	21.6	4.76	0.40	TNMG 22 04 04-QM				★	☆										★				★	
			21.2	4.76	0.79	TNMG 22 04 08-QM		☆	☆	★	☆										★				★	
			20.8	4.76	1.19	TNMG 22 04 12-QM		☆	☆	★	☆										★				★	
			20.4	4.76	1.59	TNMG 22 04 16-QM		☆	☆	★	☆		★								★	★	☆		☆	
	SM	16	4.8	4.76	0.79	TNMG 16 04 08-SM							★	☆								★	☆	☆	☆	☆
			4.8	4.76	1.19	TNMG 16 04 12-SM							★	☆								★	☆	☆	☆	☆
			16.1	4.76	0.40	TNMG 16 04 04-SM							★	☆								★	☆	☆	☆	☆
		22	6.4	4.76	0.79	TNMG 22 04 08-SM							★	☆								★	☆	☆	☆	☆
			6.4	4.76	1.19	TNMG 22 04 12-SM							★	☆								★	☆	☆	☆	☆
	XM	16	16.1	4.76	0.40	TNMG 16 04 04-XM			☆	★																
			15.7	4.76	0.79	TNMG 16 04 08-XM			☆	★						★		☆								
			15.3	4.76	1.19	TNMG 16 04 12-XM			☆	★																

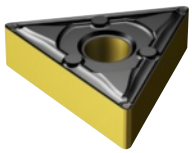
A162 A200 A262 A278 H36 H6

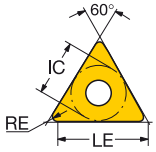
SANDVIK Coromant

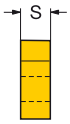
ENG

T-Max® P insert for turning

T-style insert (Triangular)







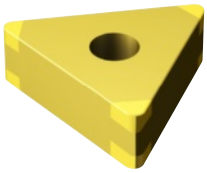
			LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	S 1105	S 1115	S 1125	S H13A	S S05F
Roughing	MR	16	15.7	4.76	0.79	TNMM 16 04 08-MR										★										
		22	21.2	4.76	0.79	TNMM 22 04 08-MR					★					★										
			20.8	4.76	1.19	TNMM 22 04 12-MR					★					★										
			20.4	4.76	1.59	TNMM 22 04 16-MR										★		☆								
	XMR	16	15.7	4.76	0.79	TNMG 16 04 08-XMR			☆	★						★		☆								
			15.3	4.76	1.19	TNMG 16 04 12-XMR			☆	★																
	PR	16	15.7	4.76	0.79	TNMG 16 04 08-PR		☆	☆	☆	★															
			15.3	4.76	1.19	TNMG 16 04 12-PR		☆	☆	☆	★															
		22	21.2	4.76	0.79	TNMG 22 04 08-PR			☆	☆	★															
			20.8	4.76	1.19	TNMG 22 04 12-PR			☆	☆	★															
			20.4	4.76	1.59	TNMG 22 04 16-PR			☆	☆	★															
		16	15.7	4.76	0.79	TNMM 16 04 08-PR			☆	☆	★															
			15.3	4.76	1.19	TNMM 16 04 12-PR			☆	☆	★															
		22	21.2	4.76	0.79	TNMM 22 04 08-PR			☆	☆	★															
			20.8	4.76	1.19	TNMM 22 04 12-PR			☆	☆	★															
			20.4	4.76	1.59	TNMM 22 04 16-PR		☆	☆	☆	★															
	KR	16	16.1	4.76	0.40	TNMA 16 04 04-KR													☆	★						
			15.7	4.76	0.79	TNMA 16 04 08-KR													☆	★						
			15.3	4.76	1.19	TNMA 16 04 12-KR													☆	★						
			14.9	4.76	1.59	TNMA 16 04 16-KR													☆	★						
		22	21.6	4.76	0.40	TNMA 22 04 04-KR													☆	★						
			21.2	4.76	0.79	TNMA 22 04 08-KR													☆	★						
			20.8	4.76	1.19	TNMA 22 04 12-KR													☆	★						
			20.4	4.76	1.59	TNMA 22 04 16-KR													☆	★						
			18.8	4.76	3.18	TNMA 22 04 32-KR													☆	★						
		16	15.7	4.76	0.79	TNMG 16 04 08-KR													☆	★						
			15.3	4.76	1.19	TNMG 16 04 12-KR													☆	★						
			14.9	4.76	1.59	TNMG 16 04 16-KR													☆	★						
		22	21.2	4.76	0.79	TNMG 22 04 08-KR													☆	★						
			20.8	4.76	1.19	TNMG 22 04 12-KR													☆	★						
	MR	16	15.7	4.76	0.79	TNMG 16 04 08-MR									☆	☆	★	☆								
			15.3	4.76	1.19	TNMG 16 04 12-MR									☆	☆	★	☆								
		22	21.2	4.76	0.79	TNMG 22 04 08-MR									☆	☆	★	☆								
			20.8	4.76	1.19	TNMG 22 04 12-MR									☆	☆	★	☆								
			20.4	4.76	1.59	TNMG 22 04 16-MR									☆	☆	★	☆								

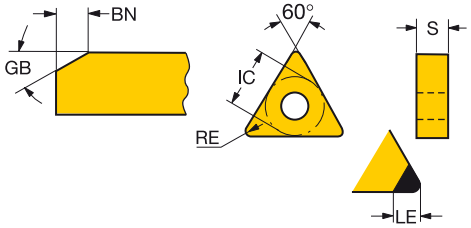
A162 A200 A262 A278 H36 H6

T-Max® P insert for turning

T-style insert (Triangular)

Advanced cutting materials





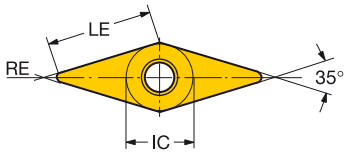
		LE	S	RE	GB	BN	ISO CODE	K 6190	K 650	K 7525	S 650	H 6050	H 7015	H 7025	H 7105	H 7115	H 7525
Finishing	11	1.8	3.18	0.4	30°	0.10	TNGA110304S01030A						★	☆			
		1.8	3.18	0.4	20°	0.10	TNGA110304T01020B			★							★
		1.5	3.18	0.8	30°	0.10	TNGA110308S01030A						★	☆			
		2.1	3.18	0.8	20°	0.10	TNGA110308T01020B			★							★
	16	3.0	4.76	0.4	30°	0.10	TNGA160404S01030A						★	☆			
		16.1	4.76	0.4	25°	0.15	TNGA160404S01525					★					
		2.8	4.76	0.4	25°	0.15	TNGA160404S01525H								☆	★	
		1.8	4.76	0.4	20°	0.10	TNGA160404T01020B			★							★
		2.7	4.76	0.8	30°	0.10	TNGA160408S01030A						★	☆			
		15.7	4.76	0.8	25°	0.15	TNGA160408S01525					★					
		2.5	4.76	0.8	25°	0.15	TNGA160408S01525H								☆	★	
		2.8	4.76	0.8	30°	0.15	TNGA160408S01530B										★
		2.0	4.76	0.8	35°	0.20	TNGA160408S02035A							★			
		2.8	4.76	0.8	35°	0.20	TNGA160408S02035B										★
		15.7	4.76	0.8	20°	0.10	TNGA160408T01020		★		☆						
		2.8	4.76	0.8	20°	0.10	TNGA160408T01020B			★							★
		15.7	4.76	0.8	25°	0.15	TNGA160408T01525					★					
		15.7	4.76	0.8	20°	0.25	TNGA160408T02520	★									
		2.4	4.76	1.2	30°	0.10	TNGA160412S01030A						★	☆			
		15.3	4.76	1.2	25°	0.15	TNGA160412S01525					★					
		2.2	4.76	1.2	25°	0.15	TNGA160412S01525H								☆	★	
		2.4	4.76	1.2	35°	0.20	TNGA160412S02035A							★			
		15.3	4.76	1.2	20°	0.10	TNGA160412T01020		★		☆						
		2.4	4.76	1.2	20°	0.10	TNGA160412T01020B			★							★
		15.3	4.76	1.2	20°	0.25	TNGA160412T02520	★									
		14.9	4.76	1.6	20°	0.10	TNGA160416T01020		★		☆						
	22	21.2	4.76	0.8	20°	0.10	TNGA220408T01020		★		☆						
		20.8	4.76	1.2	20°	0.10	TNGA220412T01020		★		☆						
		20.4	4.76	1.6	20°	0.10	TNGA220416T01020		★		☆						

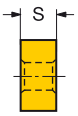
ENG

T-Max® P insert for turning

V-style insert (Rhombic 35°)







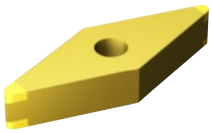
			LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	S 1105	S 1115	S 1125	S H13A	S S05F
Finishing	PF	16	16.2	4.76	0.40	VNMG 16 04 04-PF	☆		★	☆		☆														
			15.8	4.76	0.79	VNMG 16 04 08-PF	☆	☆	★	☆		☆														
	MF	16	16.2	4.76	0.40	VNMG 16 04 04-MF							☆	☆	★	☆		☆				★	☆	☆		☆
			15.8	4.76	0.79	VNMG 16 04 08-MF							☆	☆	★	☆		☆				★	☆	☆		☆
	SGF	16	16.3	4.76	0.10	VNGG 16 04 01-SGF							★	☆								★	☆	☆	☆	
			16.1	4.76	0.20	VNGG 16 04 02-SGF							★	☆								★	☆	☆	☆	
			2.4	4.76	0.40	VNGG 16 04 04-SGF							★	☆								★	☆	☆	☆	☆
			2.4	4.76	0.79	VNGG 16 04 08-SGF							★									★	☆		☆	☆
			2.4	4.76	1.19	VNGG 16 04 12-SGF							★									★	☆			☆
	SF	16	2.4	4.76	0.40	VNMG 16 04 04-SF							★	☆								★	☆	☆	☆	☆
			2.4	4.76	0.79	VNMG 16 04 08-SF							★	☆								★	☆	☆	☆	☆
			2.4	4.76	1.19	VNMG 16 04 12-SF							★									★	☆			☆
Medium	PM	16	15.8	4.76	0.79	VNMG 16 04 08-PM	☆	☆	☆	★	☆															
			15.4	4.76	1.19	VNMG 16 04 12-PM		☆	☆	★	☆															
	MM	16	15.8	4.76	0.79	VNMG 16 04 08-MM							☆	☆	☆	★	☆	☆								
	KM	16	15.8	4.76	0.79	VNMG 16 04 08-KM													★	☆						
			15.4	4.76	1.19	VNMG 16 04 12-KM													★	☆						
	QM	16	16.2	4.76	0.40	VNMG 16 04 04-QM			☆	★			★								★	★	☆		☆	
			15.8	4.76	0.79	VNMG 16 04 08-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆	
			15.4	4.76	1.19	VNMG 16 04 12-QM				★																
	SM	16	2.4	4.76	0.40	VNMG 16 04 04-SM							★	☆								★	☆	☆	☆	☆
			2.4	4.76	0.79	VNMG 16 04 08-SM							★	☆								★	☆	☆	☆	☆
			2.4	4.76	1.19	VNMG 16 04 12-SM							★	☆								★	☆	☆	☆	☆

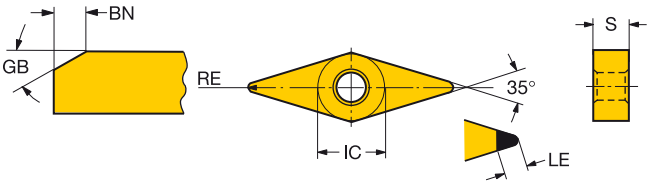
A162 A200 A262 A278 H36 H6

T-Max® P insert for turning

V-style insert (Rhombic 35°)

Advanced cutting materials





		LE	S	RE	GB	BN	ISO CODE	H				
								6050	7015	7025	7105	7115
Finishing	16	2.1	4.76	0.4	20°	0.10	VNGA160404S01020A			★		
		4.4	4.76	0.4	30°	0.10	VNGA160404S01030A		★	☆		
		16.2	4.76	0.4	25°	0.15	VNGA160404S01525	★				
		2.5	4.76	0.4	25°	0.15	VNGA160404S01525H				☆	★
		2.4	4.76	0.8	20°	0.10	VNGA160408S01020A			★		
		3.5	4.76	0.8	30°	0.10	VNGA160408S01030A		★	☆		
		15.8	4.76	0.8	25°	0.15	VNGA160408S01525	★				
		2.5	4.76	0.8	25°	0.15	VNGA160408S01525H				☆	★
		2.4	4.76	0.8	35°	0.20	VNGA160408S02035A		★	☆		
		15.8	4.76	0.8	25°	0.15	VNGA160408T01525	★				
		15.4	4.76	1.2	25°	0.15	VNGA160412S01525	★				

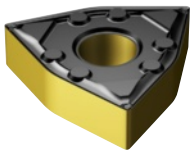
A162 A200 A262 A278 H36 H6 H3

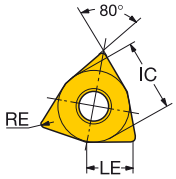
SANDVIK Coromant

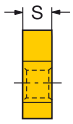
ENG

T-Max® P insert for turning

W-style insert (Trigon 80°)





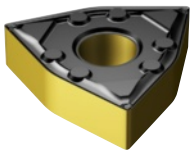


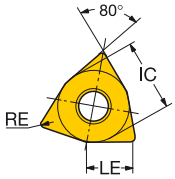
			LE	S	RE	ISO CODE	P 1525	P 4305	P 4315	P 4325	P 4335	P 5015	M 1115	M 1125	M 2015	M 2025	M 2035	M 2220	K 3210	K 3225	K H13A	S 1105	S 1115	S 1125	S H13A	S S05F
Finishing	WF	06	6.1	4.76	0.40	WNMG 06 04 04-WF	☆		★			☆	☆	☆	★				★	☆						
			5.7	4.76	0.79	WNMG 06 04 08-WF	☆	☆	★	☆		☆	☆	☆	★				★	☆						
		08	8.3	4.76	0.40	WNMG 08 04 04-WF	☆		★	☆		☆		☆	★				★	☆						
			7.9	4.76	0.79	WNMG 08 04 08-WF	☆	☆	★	☆		☆		☆	★				★	☆						
			7.5	4.76	1.19	WNMG 08 04 12-WF		☆	★	☆									★	☆						
	PF	06	6.1	4.76	0.40	WNMG 06 04 04-PF	☆		★			☆														
			5.7	4.76	0.79	WNMG 06 04 08-PF	☆	☆	★	☆		☆														
			5.3	4.76	1.19	WNMG 06 04 12-PF		☆	★																	
		08	8.3	4.76	0.40	WNMG 08 04 04-PF	☆		★	☆		☆														
			7.9	4.76	0.79	WNMG 08 04 08-PF	☆	☆	★	☆		☆														
			7.5	4.76	1.19	WNMG 08 04 12-PF		☆	★	☆																
	KF	06	6.1	4.76	0.40	WNMG 06 04 04-KF													★	☆						
			5.7	4.76	0.79	WNMG 06 04 08-KF													★	☆						
		08	8.3	4.76	0.40	WNMG 08 04 04-KF													★	☆						
			7.9	4.76	0.79	WNMG 08 04 08-KF													★	☆						
			7.5	4.76	1.19	WNMG 08 04 12-KF													★	☆						
	MF	06	6.1	4.76	0.40	WNMG 06 04 04-MF							☆	☆	★	☆		☆					★	☆		
			5.7	4.76	0.79	WNMG 06 04 08-MF							☆	☆	★	☆		☆					★	☆		
		08	8.3	4.76	0.40	WNMG 08 04 04-MF							☆	☆	★	☆		☆					★	☆		
			7.9	4.76	0.79	WNMG 08 04 08-MF							☆	☆	★	☆		☆				★	☆	☆		☆
	SGF	08	7.5	4.76	0.10	WNGG 08 04 01-SGF							★	☆								★	☆	☆	☆	
			7.5	4.76	0.20	WNGG 08 04 02-SGF							★	☆								★	☆	☆	☆	
			3.2	4.76	0.40	WNGG 08 04 04-SGF							★	☆								★	☆	☆	☆	☆
			3.2	4.76	0.79	WNGG 08 04 08-SGF							★	☆								★	☆	☆	☆	☆
			7.1	4.76	1.19	WNGG 08 04 12-SGF							★	☆								★	☆	☆	☆	☆
	SF	08	3.2	4.76	0.40	WNMG 08 04 04-SF							★	☆								★	☆	☆	☆	☆
			3.2	4.76	0.79	WNMG 08 04 08-SF							★	☆								★	☆	☆	☆	
			3.2	4.76	1.19	WNMG 08 04 12-SF																★			☆	
	XF	06	6.1	4.76	0.40	WNMG 06 04 04-XF			★	☆																
			5.7	4.76	0.79	WNMG 06 04 08-XF			★	☆																
		08	8.3	4.76	0.40	WNMG 08 04 04-XF			★	☆																
			7.9	4.76	0.79	WNMG 08 04 08-XF			★	☆																
Medium	WM	06	5.7	4.76	0.79	WNMG 06 04 08-WM	☆		☆	★					★				★	☆						
			5.3	4.76	1.19	WNMG 06 04 12-WM			☆	★									★	☆						
		08	7.9	4.76	0.79	WNMG 08 04 08-WM	☆	☆	☆	★	☆				★				★	☆						
			7.5	4.76	1.19	WNMG 08 04 12-WM		☆	☆	★	☆				★				★	☆						
	WMX	06	1.6	4.76	0.79	WNMG 06 04 08-WMX		☆	☆	★					★				★	☆						
			1.6	4.76	1.19	WNMG 06 04 12-WMX		☆	☆	★					★				★	☆						
		08	2.2	4.76	0.79	WNMG 08 04 08-WMX		☆	☆	★	☆				★				★	☆						
			2.2	4.76	1.19	WNMG 08 04 12-WMX		☆	☆	★					★				★	☆						
	PM	06	5.7	4.76	0.79	WNMG 06 04 08-PM		☆	☆	★	☆															
			5.3	4.76	1.19	WNMG 06 04 12-PM			☆	★	☆															
		08	7.9	4.76	0.79	WNMG 08 04 08-PM	☆	☆	☆	★	☆															
			7.5	4.76	1.19	WNMG 08 04 12-PM		☆	☆	★	☆															
			7.1	4.76	1.59	WNMG 08 04 16-PM		☆	☆	★																
	MM	06	5.7	4.76	0.79	WNMG 06 04 08-MM							☆	☆	☆	★	☆	☆					★	☆		
			5.3	4.76	1.19	WNMG 06 04 12-MM									☆	★		☆								
		08	7.9	4.76	0.79	WNMG 08 04 08-MM							☆	☆	☆	★	☆	☆								
			7.5	4.76	1.19	WNMG 08 04 12-MM							☆	☆	☆	★	☆	☆								
	KM	06	5.7	4.76	0.79	WNMG 06 04 08-KM													★	☆						
			5.3	4.76	1.19	WNMG 06 04 12-KM													★	☆						
		08	7.9	4.76	0.79	WNMG 08 04 08-KM													★	☆						
			7.5	4.76	1.19	WNMG 08 04 12-KM													★	☆						
			7.1	4.76	1.59	WNMG 08 04 16-KM													★	☆						
	QM	06	5.7	4.76	0.79	WNMG 06 04 08-QM		☆	☆	★	☆		★										★			
			5.3	4.76	1.19	WNMG 06 04 12-QM			☆	★																
		08	8.3	4.76	0.40	WNMG 08 04 04-QM			☆	★			★								★	★	☆		☆	
			7.9	4.76	0.79	WNMG 08 04 08-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆	
			7.5	4.76	1.19	WNMG 08 04 12-QM		☆	☆	★	☆		☆			★		★			★	★	☆		☆	
			7.1	4.76	1.59	WNMG 08 04 16-QM		☆	☆	★								★								

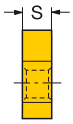
A162 A200 A262 A278 H36 H6

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
Medium	SM	06	6.1	4.76	0.40	WNMG 06 04 04-SM																★				
			5.7	4.76	0.79	WNMG 06 04 08-SM																★				
		08	3.2	4.76	0.40	WNMG 08 04 04-SM							★	☆								★	☆	☆	☆	☆
			3.2	4.76	0.79	WNMG 08 04 08-SM							★	☆								★	☆	☆	☆	☆
			3.2	4.76	1.19	WNMG 08 04 12-SM							★	☆								★	☆	☆	☆	☆
	SMR	08	3.2	4.76	0.79	WNMG 08 04 08-SMR							☆	☆		★						★	☆	☆	☆	☆
			3.2	4.76	1.19	WNMG 08 04 12-SMR							☆	☆		★						★	☆	☆	☆	☆
	XM	06	5.7	4.76	0.79	WNMG 06 04 08-XM			☆	★																
		08	7.9	4.76	0.79	WNMG 08 04 08-XM			☆	★						★		☆								
			7.5	4.76	1.19	WNMG 08 04 12-XM			☆	★						★		☆								
Roughing	XMR	08	7.5	4.76	1.19	WNMG 08 04 12-XMR			☆	★						★		☆								
	PR	06	5.7	4.76	0.79	WNMG 06 04 08-PR			☆	☆	★															
			5.3	4.76	1.19	WNMG 06 04 12-PR		☆	☆	☆	★															
		08	7.9	4.76	0.79	WNMG 08 04 08-PR		☆	☆	☆	★															
			7.5	4.76	1.19	WNMG 08 04 12-PR		☆	☆	☆	★															
			7.1	4.76	1.59	WNMG 08 04 16-PR		☆	☆	☆	★															
	KR	06	5.7	4.76	0.79	WNMA 06 04 08-KR													☆	★						
			5.3	4.76	1.19	WNMA 06 04 12-KR													☆	★						
		08	7.9	4.76	0.79	WNMA 08 04 08-KR														★						
			7.5	4.76	1.19	WNMA 08 04 12-KR														★						
			7.1	4.76	1.59	WNMA 08 04 16-KR													☆	★						
		06	5.7	4.76	0.79	WNMG 06 04 08-KR													☆	★						
			5.3	4.76	1.19	WNMG 06 04 12-KR													☆	★						
		08	7.9	4.76	0.79	WNMG 08 04 08-KR													☆	★						
			7.5	4.76	1.19	WNMG 08 04 12-KR													☆	★						
	MR	06	5.7	4.76	0.79	WNMG 06 04 08-MR									☆	☆	★	☆								
			5.3	4.76	1.19	WNMG 06 04 12-MR										☆	★	☆								
		08	7.9	4.76	0.79	WNMG 08 04 08-MR									☆	☆	★	☆								
			7.5	4.76	1.19	WNMG 08 04 12-MR									☆	☆	★	☆								

A162 A200 A262 A278 H36 H6

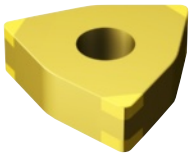
SANDVIK Coromant

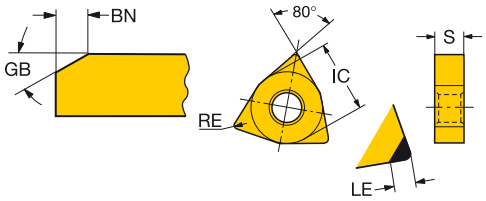
ENG

T-Max® P insert for turning

W-style insert (Trigon 80°)

Advanced cutting materials



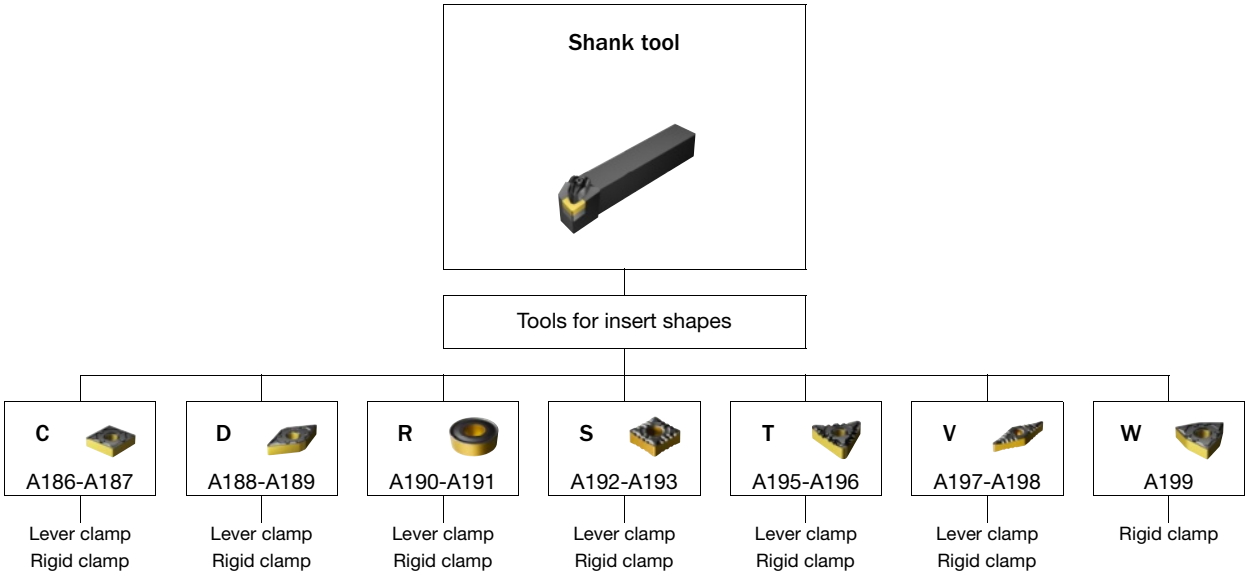


		LE	S	RE	GB	BN	ISO CODE	K 6190	K 7525	H 6050	H 7015	H 7025	H 7105	H 7115	H 7525
Finishing	06	2.4	4.76	0.4	30°	0.10	WNGA060404S01030A				★	☆			
		2.6	4.76	0.4	25°	0.15	WNGA060404S01525H						☆	★	
		1.8	4.76	0.4	20°	0.10	WNGA060404T01020B		★						★
		2.4	4.76	0.8	30°	0.10	WNGA060408S01030A				★	☆			
		2.5	4.76	0.8	25°	0.15	WNGA060408S01525H						☆	★	
		2.4	4.76	0.8	20°	0.10	WNGA060408T01020B		★						★
		1.8	4.76	0.4	20°	0.10	WNGA060404T01020BWG		★						★
		2.4	4.76	0.8	20°	0.10	WNGA060408T01020BWG		★						★
		2.4	4.76	0.4	30°	0.10	WNGA060404S01030AWH					★			
		2.6	4.76	0.4	20°	0.15	WNGA060404S01520HWH						☆	★	
		2.4	4.76	0.4	30°	0.10	WNGA060404T01030AWH				★				
		2.4	4.76	0.8	30°	0.10	WNGA060408S01030AWH					★			
		2.5	4.76	0.8	20°	0.15	WNGA060408S01520HWH						☆	★	
		2.4	4.76	0.8	30°	0.10	WNGA060408T01030AWH				★				
	08	3.0	4.76	0.4	30°	0.10	WNGA080404S01030A				★	☆			
		8.3	4.76	0.4	25°	0.15	WNGA080404S01525			★					
		2.6	4.76	0.4	25°	0.15	WNGA080404S01525H						☆	★	
		3.1	4.76	0.4	20°	0.10	WNGA080404T01020B		★						★
		2.9	4.76	0.8	30°	0.10	WNGA080408S01030A				★	☆			
		7.9	4.76	0.8	25°	0.15	WNGA080408S01525			★					
		2.5	4.76	0.8	25°	0.15	WNGA080408S01525H						☆	★	
		2.0	4.76	0.8	35°	0.20	WNGA080408S02035A				★	☆			
		3.0	4.76	0.8	20°	0.10	WNGA080408T01020B		★						★
		7.9	4.76	0.8	25°	0.15	WNGA080408T01525			★					
		7.9	4.76	0.8	20°	0.25	WNGA080408T02520	★							
		2.8	4.76	1.2	30°	0.10	WNGA080412S01030A				★	☆			
		2.4	4.76	1.2	25°	0.15	WNGA080412S01525H						☆	★	
		2.9	4.76	1.2	20°	0.10	WNGA080412T01020B		★						★
		7.5	4.76	1.2	20°	0.25	WNGA080412T02520	★							
		7.1	4.76	1.6	20°	0.25	WNGA080416T02520	★							
		3.1	4.76	0.4	20°	0.10	WNGA080404T01020BWG		★						★
		3.0	4.76	0.8	20°	0.10	WNGA080408T01020BWG		★						★
		7.9	4.76	0.8	20°	0.10	WNGA080408T01020WG	★							
		7.5	4.76	1.2	20°	0.10	WNGA080412T01020WG	★							
		3.0	4.76	0.4	30°	0.10	WNGA080404S01030AWH					★			
		2.6	4.76	0.4	20°	0.15	WNGA080404S01520HWH						☆	★	
		8.3	4.76	0.4	25°	0.15	WNGA080404S01525WH			★					
		3.0	4.76	0.4	30°	0.10	WNGA080404T01030AWH				★				
		2.9	4.76	0.8	30°	0.10	WNGA080408S01030AWH					★			
		2.5	4.76	0.8	20°	0.15	WNGA080408S01520HWH						☆	★	
		7.9	4.76	0.8	25°	0.15	WNGA080408S01525WH			★					
		2.9	4.76	0.8	30°	0.10	WNGA080408T01030AWH				★				
		7.9	4.76	0.8	25°	0.15	WNGA080408T01525WH			★					
		2.8	4.76	1.2	30°	0.10	WNGA080412S01030AWH					★			
		2.4	4.76	1.2	20°	0.15	WNGA080412S01520HWH						☆	★	
		2.8	4.76	1.2	30°	0.10	WNGA080412T01030AWH				★				

A162 A200 A262 A278 H36 H6 H3

T-Max® P tools for external machining





ENG

T-Max® P cutting unit for turning

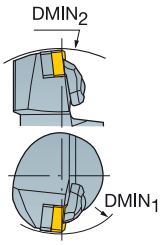
Lever clamp design

Coromant Capto® - Precision coolant supply

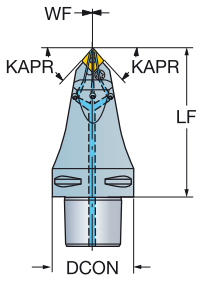




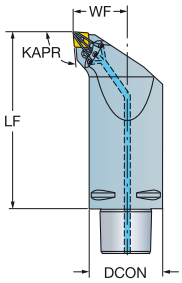
KAPR



Cx-PCMNN..HP (M-T)
50.0°

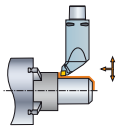
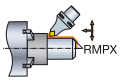


Cx-PCLNR/L..HP (M-T)
95.0°



CNMM
CNMG
CNMA, CNGA

Tools for multi-task machining

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	12	C6	110.0		0°	3	C6-PCLNR/L-45165-12HP	63	165.0	45.0	150	5.0	3.70	CNMG 12 04 08
	12	C4		185.0	45°	3	C4-PCMNN-00095-12HP	40	95.0	0.0	150	5.0	0.76	CNMG 12 04 08
		C5		220.0	45°	3	C5-PCMNN-00115-12HP	50	115.0	0.0	150	5.0	1.38	CNMG 12 04 08
		C6		240.0	45°	3	C6-PCMNN-00115-12HP	63	115.0	0.0	150	5.0	1.98	CNMG 12 04 08
		C8		315.0	45°	3	C8-PCMNN-00150-12HP	80	150.0	0.0	150	5.0	4.14	CNMG 12 04 08
	19	C10		315.0	0°	3	C10-PCMNN-00110-19HP	100	110.0	0.0	150	10.0	5.78	CNMG 19 06 12

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

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

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

A138 F2 E3 G2 H36 H10 H5

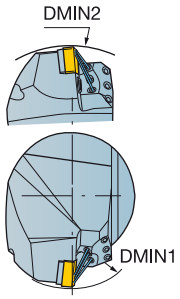
T-Max® P cutting unit for turning

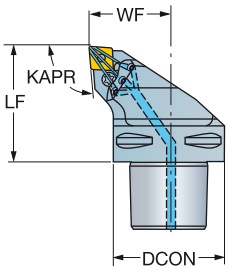
Lever clamp design

Coromant Capto® - Precision coolant supply

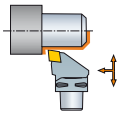


KAPR 95.0°





CNMM
CNMG
CNMA, CNGA

		CZC_{MS}	$DMIN_1$	$DMIN_2$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	12	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
		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
		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
		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
	16	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
		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
		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
	19	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
		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
		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

R = Right hand, L = Left hand

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

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

A138 F2 E3 G2 H36 H10 H5

ENG

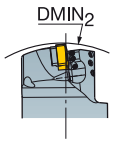
T-Max® P cutting unit for turning

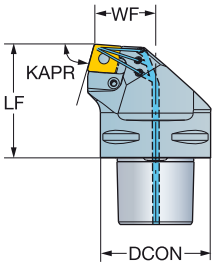
Lever clamp design

Coromant Capto® - Precision coolant supply

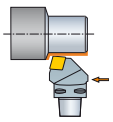








CNMM
CNMG
CNMA, CNGA

		CZC$_{MS}$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	C6	190.0	3	C6-PCRNR/L-35065-16HP	63	65.0	35.0	150	5.0	1.50	CNMG 16 06 12
	19	C6	190.0	3	C6-PCRNR/L-35065-19HP	63	65.0	35.0	150	10.0	1.48	CNMG 19 06 12

R = Right hand, L = Left hand

		Spare parts				
	CZC$_{MS}$	Lever	Screw	Shim	Shim pin	Nozzle
16	C6	438.3-840	438.3-831	171.31-852	174.3-864	5691 026-03
19	C6	174.3-842M	174.3-822M	171.31-851M	174.3-862	5691 026-03

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

T-Max® P cutting unit for turning

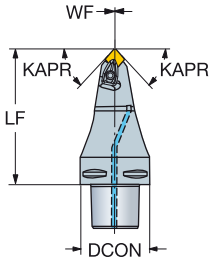
Rigid clamp design

Coromant Capto® - Internal coolant supply

KAPR 50.0°

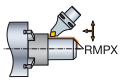






CNMM
CNMG
CNMA, CNGA

Tools for multi-task machining

		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	12	C5	45°	3	**C5-DCMNN-00105-12**	50	105.0	0.0	10	3.9	1.14	CNMG 12 04 08
		C6	45°	3	**C6-DCMNN-00090-12**	63	90.0	0.0	10	3.9	1.39	CNMG 12 04 08
		C6	45°	3	**C6-DCMNN-00115-12**	63	115.0	0.0	10	3.9	1.84	CNMG 12 04 08
	16	C6	45°	3	**C6-DCMNN-00090-16**	63	90.0	0.0	10	6.4	1.32	CNMG 16 06 12
		C8	45°	3	**C8-DCMNN-00150-16**	80	150.0	0.0	10	6.4	4.00	CNMG 16 06 12

N = Neutral

		Spare parts			
	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
12	C5	5513 020-02	5322 234-01	5412 028-021	5691 034-02
12	C6	5513 020-02	5322 234-01	5412 028-021	5691 034-03
16	C6-C8	5513 020-07	5322 234-03	5412 028-031	5691 034-03

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

A138 F2 E3 G2 H36 H10 H5

ENG

T-Max® P cutting unit for turning

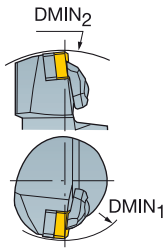
Rigid clamp design

Coromant Capto® - Internal coolant supply

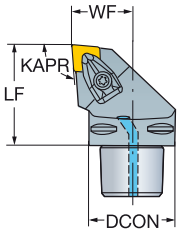




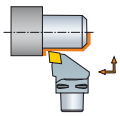
KAPR



95.0°



CNMM
CNMG
CNMA, CNGA

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	09	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
	12	C3	60.0	121.0	3	C3-DCLNR/L-22045-12	32	45.0	22.0	10	3.9	0.26	CNMG 12 04 08
		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
		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
		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
		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
	16	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
		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
		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
		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
	19	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
		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
		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

R = Right hand, L = Left hand

		Spare parts			
	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
09	C4	5513 020-04	5322 236-04	5412 028-011	5691 045-01
12	C3	5513 020-02	5322 236-03	5412 028-021	
12	C4-C8	5513 020-02	5322 234-01	5412 028-021	5691 045-01
16	C4-C8	5513 020-07	5322 234-03	5412 028-031	5691 045-01
19	C5-C8	5513 020-07	5322 236-01	5412 028-041	5691 045-01

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

T-Max® P cutting unit for turning

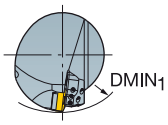
Rigid clamp design

Coromant Capto® - Internal coolant supply

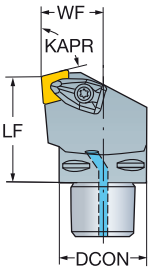




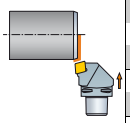
KAPR



75.0°



CNMM
CNMG
CNMA, CNGA

	CZC$_{MS}$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
	12	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
		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
		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
	16	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
		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
	19	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
		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

R = Right hand, L = Left hand

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

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

A138 F2 E3 G2 H36 H10 H5

ENG

T-Max® P cutting unit for turning

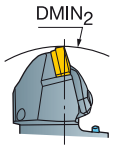
Rigid clamp design

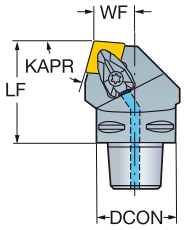
Coromant Capto® - Internal coolant supply

KAPR 75.0°

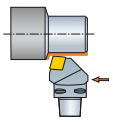








CNMM
CNMG
CNMA, CNGA

		CZC$_{MS}$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	12	C4	140.0	3	C4-DCRNR/L-22050-12	40	50.0	22.0	10	3.9	0.46	CNMG 12 04 08
		C5	165.0	3	C5-DCRNR/L-27060-12	50	60.0	27.0	10	3.9	0.75	CNMG 12 04 08
		C6	190.0	3	C6-DCRNR/L-35065-12	63	65.0	35.0	10	3.9	1.40	CNMG 12 04 08
	16	C5	165.0	3	C5-DCRNR/L-27060-16	50	60.0	27.0	10	6.4	0.74	CNMG 16 06 12
		C6	190.0	3	C6-DCRNR/L-35065-16	63	65.0	35.0	10	6.4	1.34	CNMG 16 06 12
		C8	250.0	3	C8-DCRNR/L-55080-16	80	80.0	55.0	10	6.4	2.68	CNMG 16 06 12
	19	C6	190.0	3	C6-DCRNR/L-35065-19	63	65.0	35.0	10	6.4	1.33	CNMG 19 06 12
		C8	250.0	3	C8-DCRNR/L-55080-19	80	80.0	55.0	10	6.4	2.68	CNMG 19 06 12

R = Right hand, L = Left hand

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

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

T-Max® P cutting unit for turning

Lever clamp design

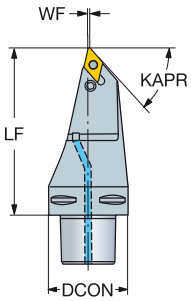
Coromant Capto® - Precision coolant supply



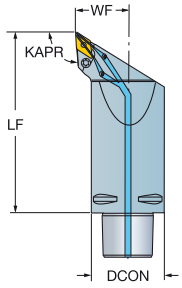


KAPR

Cx-PDMNR/L..HP
48.0°

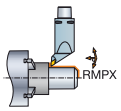
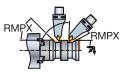


Cx-PDJNR/L..HP (M-T)
93.0°



DNMM, DNMX
DNMG
DNMA, DNGA

Tools for Multi-task machining

		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	15	C6	27°	3	**C6-PDJNR/L-45165-15HP**	63	165.0	45.0	150	5.0	3.88	DNMG 15 06 08
	15	C6	72°	3	**C6-PDMNR/L-00130-15HP**	63	130.0	0.6	150	5.0	2.08	DNMG 15 06 08

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
C6-PDJNR/L-45165-15HP	174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03
C6-PDMNR/L-00130-15HP	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-03

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

ENG

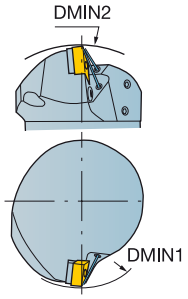
T-Max® P cutting unit for turning

Lever clamp design

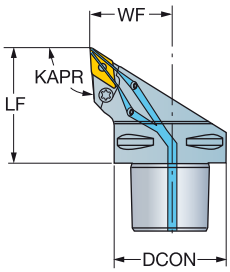
Coromant Capto® - Precision coolant supply



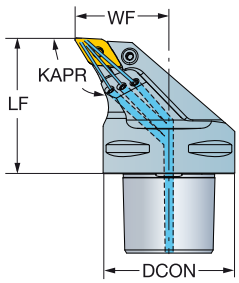
KAPR



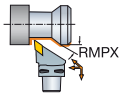
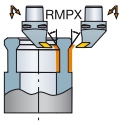
Cx-PDJNR/L..HP
93.0°



Cx-PDUNR/L..HP
93.0°



DNMM, DNMX
DNMG
DNMA, DNGA

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	11	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
		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
	15	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
		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
		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
		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
		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
	15	C6	80.0		27°	3	C6-PDUNR/L-45065-15HP	63	65.0	45.0	150	5.0	1.36	DNMG 15 06 08
		C8	100.0		27°	3	C8-PDUNR/L-55080-15HP	80	80.0	55.0	150	5.0	2.77	DNMG 15 06 08

R = Right hand, L = Left hand

		Spare parts				
	CZC$_{MS}$	Lever	Screw	Shim	Shim pin	Nozzle
11	C4-C5	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-03
15	C4-C5	174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03
15	C6-C10	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-03

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

T-Max® P cutting unit for turning

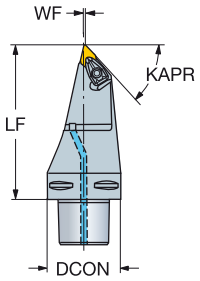
Rigid clamp design

Coromant Capto® - Internal coolant supply

KAPR 48.0°

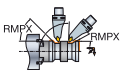






DNMM, DNMX
DNMG
DNMA, DNGA

Tools for multi-task machining

		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	15	C5	72°	3	**C5-DDMNL-00115-15**	50	115.0	1.0	10	3.9	1.24	DNMG 15 06 08
		C6	72°	3	**C6-DDMNL-00130-15**	63	130.0	1.0	10	3.9	2.05	DNMG 15 06 08
		C8	72°	3	**C8-DDMNL-00160-15**	80	160.0	1.0	10	3.9	4.13	DNMG 15 06 08
		C6	72°	3	**C6-DDMNL-33120-15**	63	120.0	33.0	10	3.9	2.12	DNMG 15 06 08

L = Left hand

		Spare parts			
	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
15	C5	5513 020-02	5322 266-02	5412 028-021	5691 034-02
15	C6-C8	5513 020-02	5322 266-02	5412 028-021	5691 034-03

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

A138 F2 E3 G2 H36 H10 H5

ENG

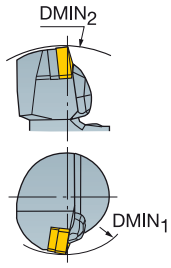
T-Max® P cutting unit for turning

Rigid clamp design

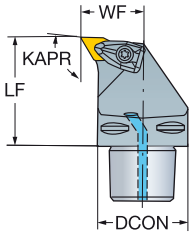
Coromant Capto® - Internal coolant supply



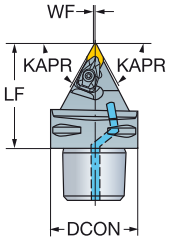
KAPR



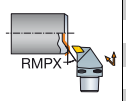
Cx-DDUNR/L
93.0°



Cx-DDNNN
62.5°



DNMM, DNMX
DNMG
DNMA, DNGA

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	11	C4		140.0	57°	3	C4-DDNNN-00050-11	40	50.0	0.5	10	1.7	0.35	DNMG 11 04 08
	15	C4		145.0	57°	3	C4-DDNNN-00055-15	40	55.0	0.5	10	3.9	0.38	DNMG 15 06 08
		C5		165.0	57°	3	C5-DDNNN-00060-15	50	60.0	0.5	10	3.9	0.62	DNMG 15 06 08
		C6		190.0	57°	3	C6-DDNNN-00065-15	63	65.0	0.5	10	3.9	1.06	DNMG 15 06 08
		C8		250.0	57°	3	C8-DDNNN-00080-15	80	80.0	0.5	10	3.9	2.10	DNMG 15 06 08
	15	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
		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
		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
		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

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

		Spare parts			
	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
11	C4	5513 020-04	5322 267-01	5412 028-011	5691 034-01
15	C4-C5	5513 020-02	5322 266-02	5412 028-021	5691 034-02
15	C6-C8	5513 020-02	5322 266-02	5412 028-021	5691 034-03

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

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

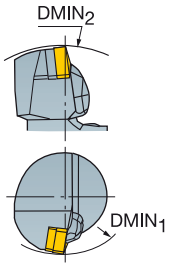
KAPR

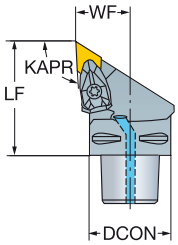
Cx-DDJNR/L
93.0°

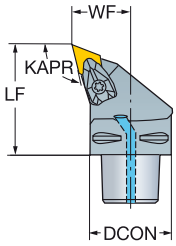
Cx-DDHNR/L
107.5°



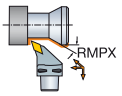
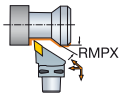








DNMM, DNMX
DNMG
DNMA, DNGA

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	15	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
		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
		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
		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
	11	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
		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
		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
	15	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
		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
		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
		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

R = Right hand, L = Left hand

	Spare parts			
CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
11 C3	5513 020-04	5322 267-01	5412 028-011	
11 C4	5513 020-04	5322 267-01	5412 028-011	5691 034-01
11 C5	5513 020-04	5322 267-01	5412 028-011	5691 034-02
15 C4	5513 020-02	5322 266-02	5412 028-021	5691 034-01
15 C5	5513 020-02	5322 266-02	5412 028-021	5691 045-01
15 C6	5513 020-02	5322 266-02	5412 028-021	5691 034-02
15 C8	5513 020-02	5322 266-02	5412 028-021	5691 034-03

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

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ENG

T-Max® P cutting unit for turning

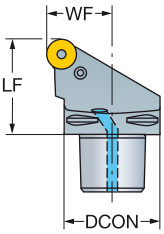
Lever clamp design

Coromant Capto® - Internal coolant supply





RCMX
RCMT
RCGX AL



						Dimensions, mm						
		CZC_{MS}	RMPX	CNSC	**Ordering code**	DCON	LF	WF	BAR	NM	KG	MIID
	20	C8	27°	3	**C8-PRSCR/L-55080-20**	80	80.0	55.0	10	8.0	2.45	RCMX 20 06 00

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 complete list of spare parts, see www.sandvik.coromant.com


A138


F2


E3


G2



H36



H10



H5

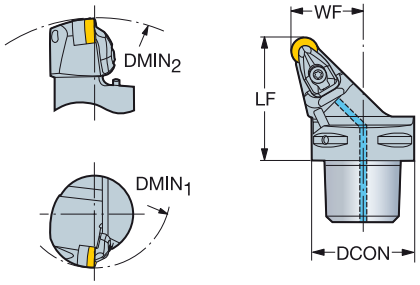
T-Max® P cutting unit for turning

Rigid clamp design

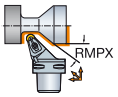
Coromant Capto® - Internal coolant supply







RNMG
RNGA

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	12	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
		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
		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

R = Right hand, L = Left hand

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

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

A138 F2 E3 G2 H36 H10 H5

ENG

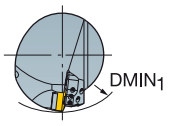
T-Max® P cutting unit for turning

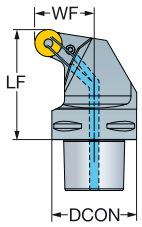
Lever clamp design

Coromant Capto® - Precision coolant supply









RCMX
RCMT
RCGX AL

		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	C10	500.0	65°	3	**C10-PRSCR/L-70130-16C**	100	130.0	70.0	150	5.0	6.84	RCMX 16 06 00

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 complete list of spare parts, see www.sandvik.coromant.com


A138


F2


E3


G2



H36



H10



H5

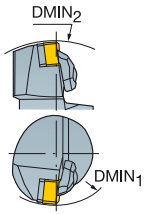
T-Max® P cutting unit for turning

Lever clamp design

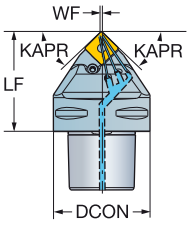
Coromant Capto® - Precision coolant supply



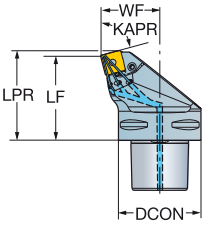
KAPR



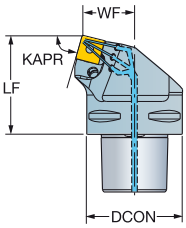
Cx-PSDNN..HP
45.0°

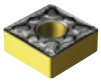


Cx-PSKNR/L..HP
75.0°

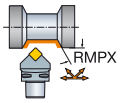
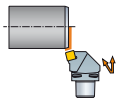
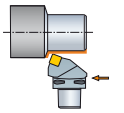


Cx-PSRNR/L..HP
75.0°





SNMM
SNMG
SNMA, SNGA

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
	15	C6			40°	3	C6-PSDNN-00065-15HP	63		65.0	0.5	150	5.0	1.29	SNMG 15 06 12
	19	C6			40°	3	C6-PSDNN-00065-19HP	63		65.0	0.5	150	10.0	1.29	SNMG 19 06 12
	15	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
	19	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
	15	C6		190.0	10°	3	C6-PSRNR/L-35065-15HP	63		65.0	35.0	150	5.0	1.48	SNMG 15 06 12
	19	C6		190.0	10°	3	C6-PSRNR/L-35065-19HP	63		65.0	35.0	150	10.0	1.47	SNMG 19 06 12

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

		Spare parts				
CZC$_{MS}$		Lever	Screw	Shim	Shim pin	Nozzle
15	C6	438.3-840	438.3-831	174.3-857	174.3-864	5691 026-03
19	C6	174.3-842M	174.3-822M	174.3-852M	174.3-862	5691 026-03

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

A138 F2 E3 G2 H36 H10 H5

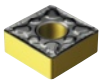
ENG

T-Max® P cutting unit for turning

Lever clamp design

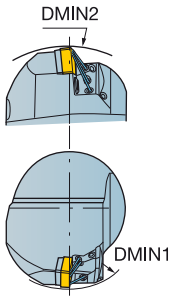
Coromant Capto® - Precision coolant supply



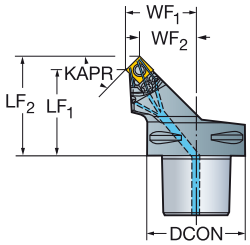


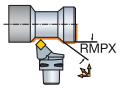
SNMM
SNMG
SNMA, SNGA

KAPR



45.0°



		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	OHX	CNSC	Ordering code	Dimensions, mm DCON	LF$_1$	LF$_2$	WF$_1$	WF$_2$	BAR	NM	KG	MIID
	12	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
		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
		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
		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
	15	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
	19	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
		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
		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

R = Right hand, L = Left hand

		Spare parts				
	CZC$_{MS}$	Lever	Screw	Shim	Shim pin	Nozzle
12	C4-C8	174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-03
15	C6	438.3-840	438.3-831	174.3-857	174.3-864	5691 026-03
19	C6-C10	174.3-842M	174.3-822M	174.3-852M	174.3-862	5691 026-03

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

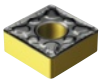
A138 F2 E3 G2 H36 H10 H5

T-Max® P cutting unit for turning

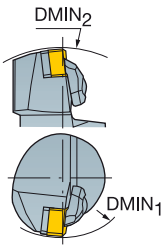
Rigid clamp design

Coromant Capto® - Internal coolant supply

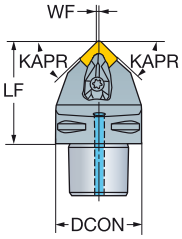




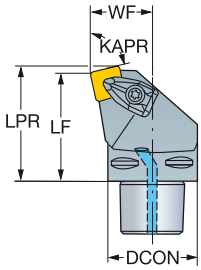
KAPR



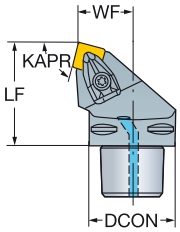
Cx-DSDNN
45.0°



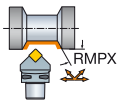
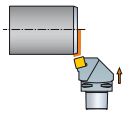
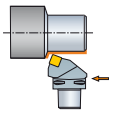
Cx-DSKNR/L
75.0°



Cx-DSRNR/L
75.0°



SNMM
SNMG
SNMA, SNGA

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
	12	C3		124.0	40°	3	C3-DSDNN-00048-12	32		48.0	0.3	10	3.9	0.23	SNMG 12 04 08
		C4		140.0	40°	3	C4-DSDNN-00050-12	40		50.0	0.3	10	3.9	0.40	SNMG 12 04 08
		C5		165.0	40°	3	C5-DSDNN-00060-12	50		60.0	0.3	10	3.9	0.78	SNMG 12 04 08
		C6		190.0	40°	3	C6-DSDNN-00065-12	63		65.0	0.3	10	3.9	1.20	SNMG 12 04 08
	15	C5		165.0	40°	3	C5-DSDNN-00060-15	50		60.0	0.5	10	6.4	0.70	SNMG 15 06 12
		C6		190.0	40°	3	C6-DSDNN-00065-15	63		65.0	0.5	10	6.4	1.20	SNMG 15 06 12
	19	C5		170.0	40°	3	C5-DSDNN-00065-19	50		65.0	0.5	10	6.4	0.76	SNMG 19 06 12
		C6		195.0	40°	3	C6-DSDNN-00070-19	63		70.0	0.5	10	6.4	1.24	SNMG 19 06 12
	12	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
		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
		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
	15	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
		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
	19	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
		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
	12	C3		124.0	10°	3	C3-DSRNR-19048-12	32		48.0	19.0	10	3.9	0.26	SNMG 12 04 08
		C4		140.0	10°	3	C4-DSRNR/L-22050-12	40		50.0	22.0	10	3.9	0.40	SNMG 12 04 08
		C5		165.0	10°	3	C5-DSRNR/L-27060-12	50		60.0	27.0	10	3.9	0.72	SNMG 12 04 08
		C6		190.0	10°	3	C6-DSRNR/L-35065-12	63		65.0	35.0	10	3.9	1.24	SNMG 12 04 08
	15	C5		165.0	10°	3	C5-DSRNR/L-27060-15	50		60.0	27.0	10	6.4	0.76	SNMG 15 06 12
		C6		190.0	10°	3	C6-DSRNR/L-35065-15	63		65.0	35.0	10	6.4	1.31	SNMG 15 06 12
	19	C6		190.0	10°	3	C6-DSRNR/L-35065-19	63		65.0	35.0	10	6.4	1.30	SNMG 19 06 12
		C8		250.0	10°	3	C8-DSRNR/L-45080-19	80		80.0	45.0	10	6.4	2.54	SNMG 19 06 12

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

		Spare parts			
	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
12	C3	5513 020-02	5322 426-02	5412 028-021	5691 034-01
12	C4-C6	5513 020-02	5322 425-01	5412 028-021	5691 045-01
15	C5-C6	5513 020-07	5322 425-03	5412 028-031	5691 045-01
19	C5-C8	5513 020-07	5322 425-04	5412 028-041	5691 045-01

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

A138 F2 E3 G2 H36 H10 H5

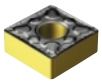
ENG

T-Max® P cutting unit for turning

Rigid clamp design

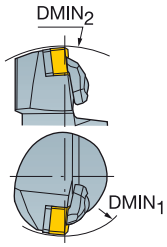
Coromant Capto® - Internal coolant supply



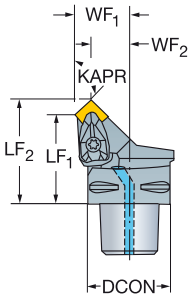


SNMM
SNMG
SNMA, SNGA

KAPR



45.0°



	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	OHX	CNSC	Ordering code	Dimensions, mm DCON	LF$_1$	LF$_2$	WF$_1$	WF$_2$	BAR	NM	KG	MIID
12	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
	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
	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
15	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
	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
19	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

R = Right hand, L = Left hand

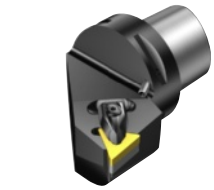
		Spare parts			
	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
12	C4	5513 020-02	5322 425-01	5412 028-021	5691 034-01
12	C5	5513 020-02	5322 425-01	5412 028-021	5691 034-02
12	C6	5513 020-02	5322 425-01	5412 028-021	5691 045-01
15	C5	5513 020-07	5322 425-03	5412 028-031	5691 034-02
15	C6	5513 020-07	5322 425-03	5412 028-031	5691 045-01
19	C6	5513 020-07	5322 425-04	5412 028-041	5691 034-02

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

T-Max® P cutting unit for turning

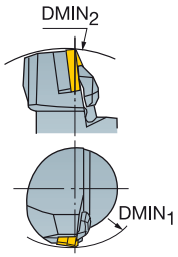
Rigid clamp design

Coromant Capto® - Internal coolant supply

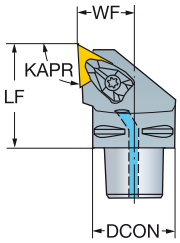




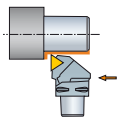
KAPR



93.0°



TNMM, TNMX
TNMG
TNMA, TNGA

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	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
		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
		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
	22	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
		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
		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

R = Right hand, L = Left hand

		Spare parts			
	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
16	C4-C6	5513 020-04	5322 315-02	5412 028-011	5691 045-01
22	C4-C6	5513 020-02	5322 315-04	5412 028-021	5691 045-01

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

A138 F2 E3 G2 H36 H10 H5

SANDVIK Coromant

ENG

T-Max® P cutting unit for turning

Rigid clamp design

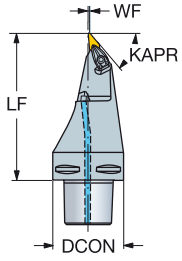
Coromant Capto® - Internal coolant supply

KAPR 50.0°

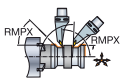





VNMG



Tools for multi-task machining

		CZC$_{MS}$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	C8	90°	3	**C8-DVMNL-00160-16**	80	160.0	1.2	10	3.0	4.00	VNMG 16 04 08

L = Left hand

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

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


A138


F2


E3


G2



H36



H10



H5

T-Max® P cutting unit for turning

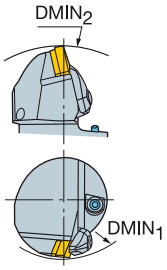
Rigid clamp design

Coromant Capto® - Internal coolant supply

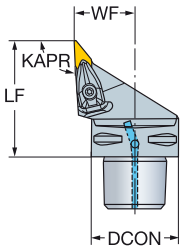


VNMG

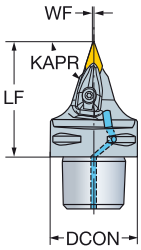
KAPR

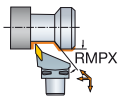


Cx-DVJNR/L
93.0°



Cx-DVVNN
72.5°



		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	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
		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
		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
		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
	16	C4		152.0	70°	3	**C4-DVVNN-00062-16**	40	62.0	0.6	10	3.0	0.41	VNMG 16 04 08
		C5		170.0	70°	3	**C5-DVVNN-00065-16**	50	65.0	0.6	10	3.0	0.63	VNMG 16 04 08
		C6		190.0	70°	3	**C6-DVVNN-00065-16**	63	65.0	0.6	10	3.0	1.03	VNMG 16 04 08
		C8		250.0	70°	3	**C8-DVVNN-00080-16**	80	80.0	0.6	10	3.0	2.00	VNMG 16 04 08

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

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C4-DVJNR/L-27062-16	5513 020-09	5322 269-01	5412 028-061	5691 034-01
C4-DVVNN-00062-16	5513 020-09	5322 269-01	5412 028-061	5691 034-01
C5-DVJNR/L-35065-16	5513 020-09	5322 269-01	5412 028-061	5691 034-02
C5-DVVNN-00065-16	5513 020-09	5322 269-01	5412 028-061	5691 045-01
C6-DVJNR/L-45065-16	5513 020-09	5322 269-01	5412 028-061	5691 034-02
C6-DVVNN-00065-16	5513 020-09	5322 269-01	5412 028-061	5691 045-01
C8-DVJNR/L-55080-16	5513 020-09	5322 269-01	5412 028-061	5691 034-03
C8-DVVNN-00080-16	5513 020-09	5322 269-01	5412 028-061	5691 045-01

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

ENG

T-Max® P cutting unit for turning

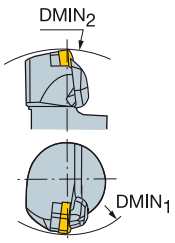
Rigid clamp design

Coromant Capto® - Internal coolant supply

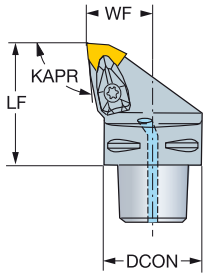




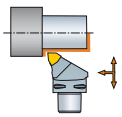
KAPR



95.0°



WNMM,
WNMG
WNGA, WNMA

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	06	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
		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
		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
		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
	08	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
		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
		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
		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

R = Right hand, L = Left hand

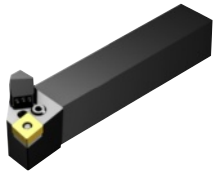
		Spare parts			
	CZC$_{MS}$	Shim screw	Shim	Clamp set	Nozzle
06	C3	5513 020-04	5322 328-01	5412 028-011	
06	C4	5513 020-04	5322 328-01	5412 028-011	5691 034-01
06	C5-C6	5513 020-04	5322 328-01	5412 028-011	5691 045-01
08	C4	5513 020-02	5322 331-12	5412 028-021	5691 034-01
08	C5-C8	5513 020-02	5322 331-12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

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

T-Max® P shank tool for turning

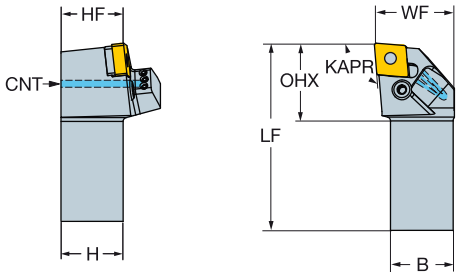
Lever clamp design

Precision coolant supply

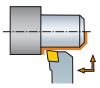




KAPR 95.0°



CNMM
CNMG
CNMA, CNGA

						Dimensions, mm									
		CZC_{MS}	OHX	CNSC	Ordering code	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

R = Right hand, L = Left hand

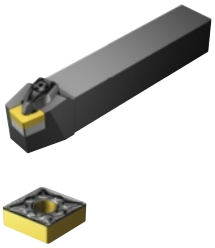
		Spare parts				
	CZC_{MS}	Lever	Screw	Shim	Shim pin	Nozzle
12	20 x 20-32 x 32	174.3-841M	174.3-821	171.31-850M	174.3-861	5691 026-13
16	25 x 25-32 x 32	438.3-840	438.3-831	171.31-852	174.3-864	5691 026-13

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

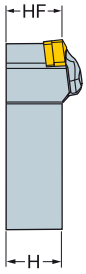
ENG

T-Max® P shank tool for turning

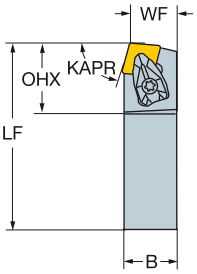
Rigid clamp design



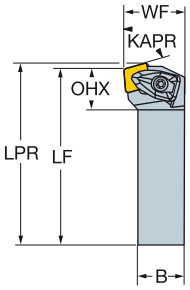
KAPR



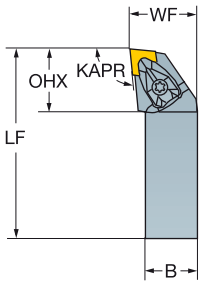
DCBNR/L
75.0°



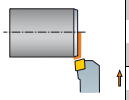
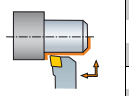
DCKNR/L
75.0°



DCLNR/L
95.0°



CNMM
CNMG
CNMA, CNGA

		CZC$_{MS}$	OHX	Ordering code	Dimensions, mm B	H	LPR	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
	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
	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 complete list of spare parts, see www.sandvik.coromant.com


A138


F2


E3



H36

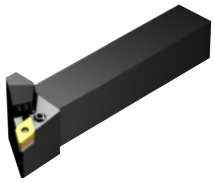


H10

T-Max® P shank tool for turning

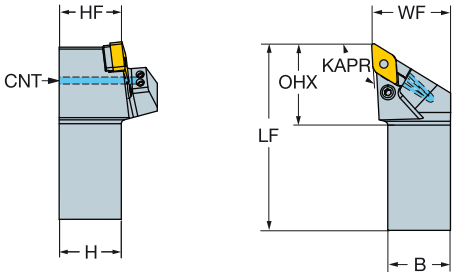
Lever clamp design

Precision coolant supply





KAPR 93.0°



DNMM, DNMX
DNMG
DNMA, DNGA

		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

R = Right hand, L = Left hand

		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

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

A138 F2 E3 G2 H36 H10 H5

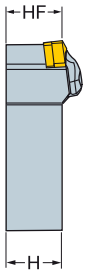
ENG

T-Max® P shank tool for turning

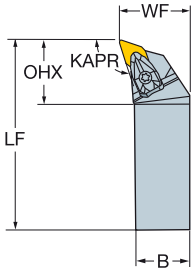
Rigid clamp design



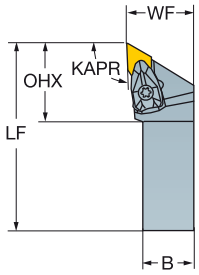
KAPR



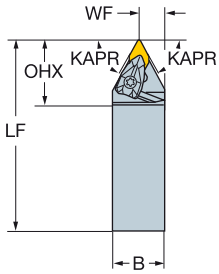
DDHNR/L
107.5°



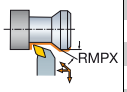
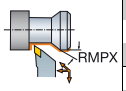
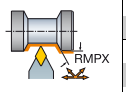
DDJNR/L
93.0°



DDNNN
62.5°



DNMM, DNMX
DNMG
DNMA, DNGA

		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
		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
	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
		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
		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 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
	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
		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

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

Spare parts		
Shim screw	Shim	Clamp set
5513 020-04	5322 267-01	5412 028-011
5513 020-02	5322 266-02	5412 028-021

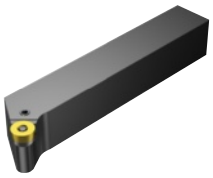
For complete list of spare parts, see www.sandvik.coromant.com

A138 F2 E3 H36 H10

T-Max® P shank tool for turning

Lever clamp design

Round (pos)

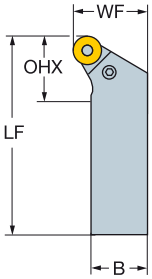




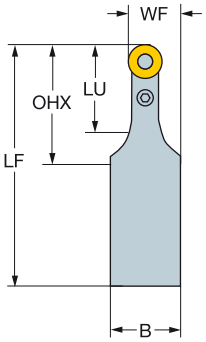
RCMX
RCMT
RCGX AL

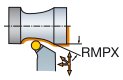
PRGCR/L





PRDCN



		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 complete list of spare parts, see www.sandvik.coromant.com

 A138

 F2

 E3

 H36

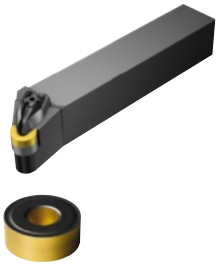
 H10

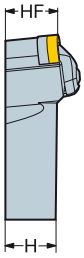
SANDVIK Coromant

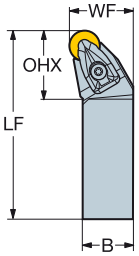
ENG

T-Max® P shank tool for turning

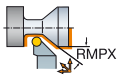
Rigid clamp design







RNMG
RNGA

		CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm 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

R = Right hand, L = Left hand

		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

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


A138


F2


E3



H36

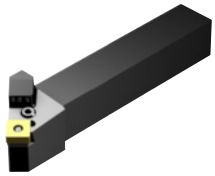


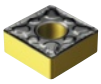
H10

T-Max® P shank tool for turning

Lever clamp design

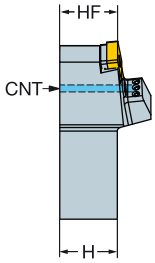
Precision coolant supply



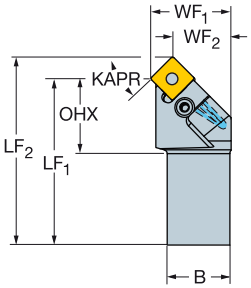


SNMM
SNMG
SNMA, SNGA

KAPR



45.0°



		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

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 complete list of spare parts, see www.sandvik.coromant.com

A138 F2 E3 G2 H36 H10 H5

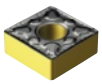
SANDVIK Coromant

ENG

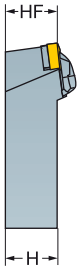
T-Max® P shank tool for turning

Rigid clamp design

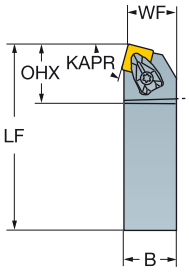




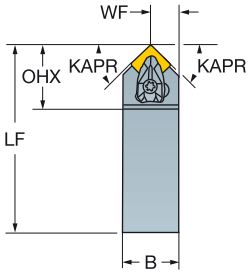
KAPR



DSBNR/L
75.0°



DSDNN
45.0°



SNMM
SNMG
SNMA, SNGA

		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
	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

N = Neutral, 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 426-01	5412 028-011
12	20 x 20-32 x 32	5513 020-02	5322 425-01	5412 028-021
15	25 x 25-32 x 32	5513 020-07	5322 425-03	5412 028-031
19	32 x 32	5513 020-07	5322 425-04	5412 028-041

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


A138


F2


E3



H36

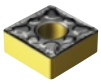


H10

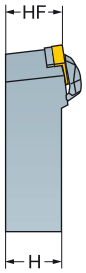
T-Max® P shank tool for turning

Rigid clamp design

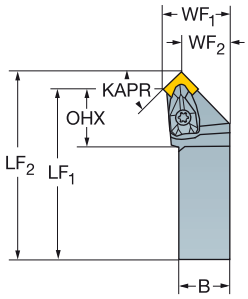




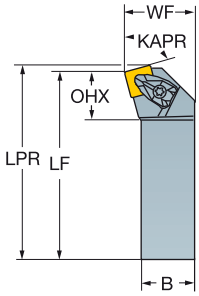
KAPR



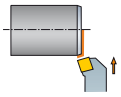
DSSNR/L
45.0°



DSKNR/L
75.0°



SNMM
SNMG
SNMA, SNGA

						Dimensions, mm												
		CZC_{MS}	RMPX	OHX	Ordering code	B	H	LPR	LF	LF_1	LF_2	WF	WF_1	WF_2	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
	12	20 x 20	0°	27.5	**DSSNR/L 2020K 12**	20.0	20.0	133.3		125.0	133.3	25.0	16.7	20.0	3.9	0.33	SNMG 12 04 08
		25 x 25	0°	27.5	**DSSNR/L 2525M 12**	25.0	25.0	158.3		150.0	158.3	32.0	23.7	25.0	3.9	0.80	SNMG 12 04 08
		32 x 25	0°	27.4	**DSSNR/L 3225P 12**	25.0	32.0	178.3		170.0	178.3	32.0	23.7	32.0	3.9	1.13	SNMG 12 04 08
		32 x 32	0°	27.4	**DSSNR/L 3232P 12**	32.0	32.0	178.3		170.0	178.3	40.0	31.7	32.0	3.9	1.40	SNMG 12 04 08
	15	25 x 25	0°	32.0	**DSSNR/L 2525M 15**	25.0	25.0	160.2		150.0	160.2	32.0	21.8	25.0	6.4	0.90	SNMG 15 06 12
		32 x 25	0°	33.1	**DSSNR/L 3225P 15**	25.0	32.0	180.2		170.0	180.2	32.0	21.8	32.0	6.4	1.16	SNMG 15 06 12
		32 x 32	0°	33.1	**DSSNR/L 3232P 15**	32.0	32.0	180.2		170.0	180.2	40.0	29.8	32.0	6.4	1.44	SNMG 15 06 12
	19	32 x 32	0°	37.0	**DSSNR/L 3232P 19**	32.0	32.0	182.5		170.0	182.5	40.0	27.5	32.0	6.4	1.47	SNMG 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 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

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

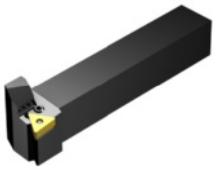
A138 F2 E3 H36 H10

ENG

T-Max® P shank tool for turning

Lever clamp design

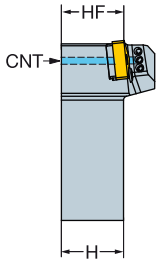
Precision coolant supply



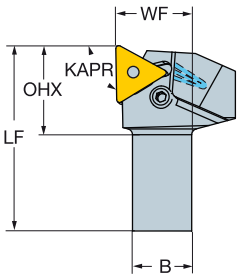


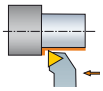
TNMM, TNMX
TNMG
TNMA, TNGA

KAPR



91.0°



		CZC$_{MS}$	OHX	CNSC	Ordering code	Dimensions, mm 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 complete list of spare parts, see www.sandvik.coromant.com

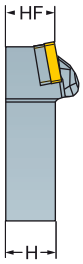
A138 F2 E3 G2 H36 H10 H5

T-Max® P shank tool for turning

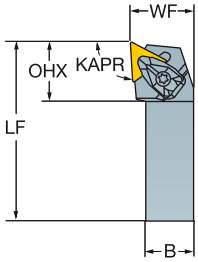
Rigid clamp design



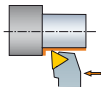
KAPR



93.0°



TNMM, TNMX
TNMG
TNMA, TNGA

		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

R = Right hand, L = Left hand

		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

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

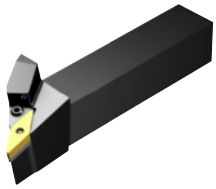
A138 F2 E3 H36 H10

ENG

T-Max® P shank tool for turning

Lever clamp design

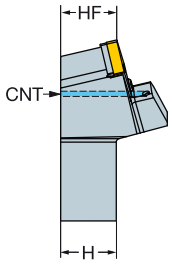
Precision coolant supply



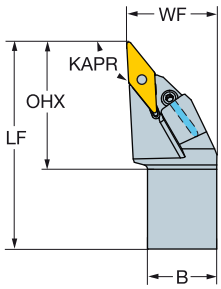


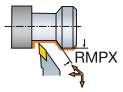
VNMG

KAPR



93.0°



							Dimensions, mm						BAR	NM	KG	
		CZC_{MS}	RMPX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT				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

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 complete list of spare parts, see www.sandvik.coromant.com

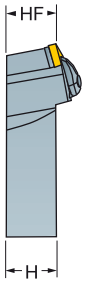
A138 F2 E3 G2 H36 H10 H5

T-Max® P shank tool for turning

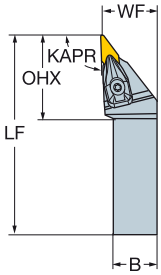
Rigid clamp design



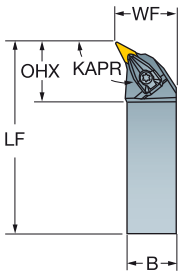
KAPR



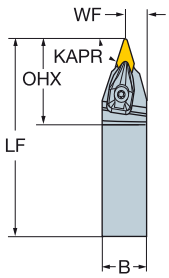
DVJNR/L
93.0°



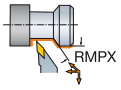
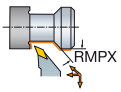
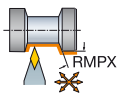
DVPNR/L
117.5°



DVVNN
72.5°



VNMG

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	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

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 complete list of spare parts, see www.sandvik.coromant.com

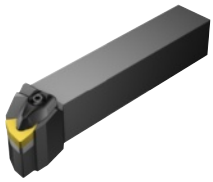
A138 F2 E3 H36 H10

SANDVIK Coromant

ENG

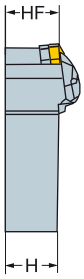
T-Max® P shank tool for turning

Rigid clamp design

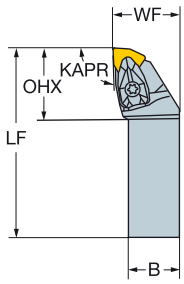




KAPR



95.0°



WNMM,
WNMG
WNGA, WNMA

		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

R = Right hand, L = Left hand

		Spare parts		
	CZC$_{MS}$	Shim screw	Shim	Clamp set
06	16 x 16-25 x 25	5513 020-04	5322 328-01	5412 028-011
08	20 x 20-32 x 32	5513 020-02	5322 331-12	5412 028-021

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


A138


F2


E3



H36



H10

T-Max® P tools for internal machining

Coromant Capto®



Tools for insert shapes

C	D	S	T
A201	A202	A203	A204
Lever clamp	Lever clamp	Lever clamp	Lever clamp

Boring bar



Tools for insert shapes

C	D	S	T
A205	A206	A207	A208
Lever clamp	Lever clamp	Lever clamp	Lever clamp

CoroTurn® SL cutting head



Tools for insert shapes

C	D	S	T	V
A209-A211	A212-A214	A215-A216	A217-A219	A220
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
A221-A222	A223-A224
Rigid clamp	Rigid clamp

ENG

T-Max® P cutting unit for turning

Lever clamp design

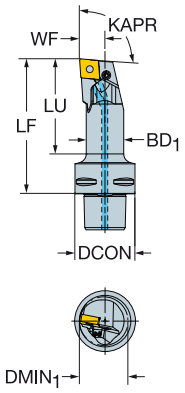
Coromant Capto® - Precision coolant supply

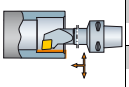
KAPR 95.0°





CNMM
CNMG
CNMA, CNGA



			Dimensions, mm										
		CZC$_{MS}$	DMIN$_1$	LU	CNSC	Ordering code	DCON	BD$_1$	LF	WF	BAR	NM	KG	MIID
	09	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
		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
	12	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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
	16	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
		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
		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

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 complete list of spare parts, see www.sandvik.coromant.com


A138


F2


E3


G2



H36



H10



H5

T-Max® P cutting unit for turning

Lever clamp design

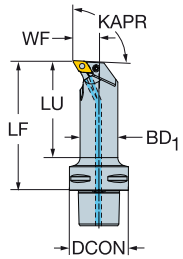
Coromant Capto® - Precision coolant supply

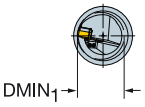
KAPR 93.0°





DNMM, DNMX
DNMG
DNMA, DNGA





		CZC/MS	DMIN1	LU	RMPX	CNSC	Ordering code	Dimensions, mm DCON	BD1	LF	WF	BAR	NM	KG	MIID
	11	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
		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
		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
		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
		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
		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
	15	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
		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
		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
		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
		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
		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
		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
		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

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 complete list of spare parts, see www.sandvik.coromant.com


A138


F2


E3


G2



H36



H10



H5

SANDVIK Coromant

ENG

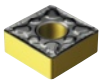
T-Max® P cutting unit for turning

Lever clamp design

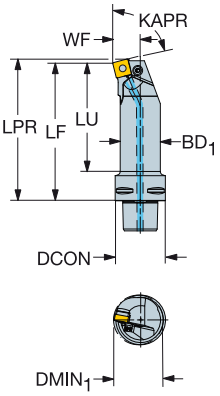
Coromant Capto® - Precision coolant supply

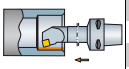
KAPR 75.0°





SNMM
SNMG
SNMA, SNGA



			Dimensions, mm												
		CZC$_{MS}$	DMIN$_1$	LU	RMPX	CNSC	Ordering code	DCON	BD$_1$	LPR	LF	WF	BAR	NM	KG	MIID
	12	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
		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
		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
		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
		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
		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
	15	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

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 complete list of spare parts, see www.sandvik.coromant.com

 A138
 F2
 E3
 G2
 H36
 H10
 H5

T-Max® P cutting unit for turning

Lever clamp design

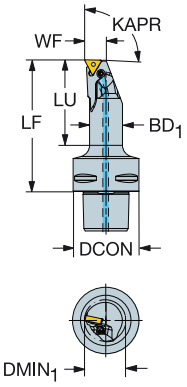
Coromant Capto® - Precision coolant supply

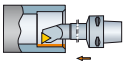
KAPR 91.0°





TNMM, TNMX
TNMG
TNMA, TNGA



		CZC$_{MS}$	DMIN$_1$	LU	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LF	WF	BAR	NM	KG	MIID
	11	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
		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
		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

R = Right hand, L = Left hand

Spare parts

Lever	Screw	Nozzle
174.3-846-1	174.3-829	5691 026-23

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

A138 F2 E3 G2 H36 H10 H5

SANDVIK Coromant

ENG

T-Max® P boring bar for turning

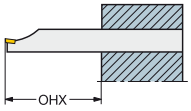
Lever clamp design

Cylindrical with flats - Precision coolant supply

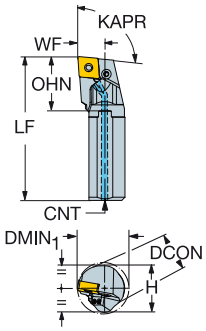




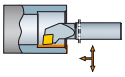
KAPR



95.0°



CNMM
CNMG
CNMA, CNGA

		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

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
A16R-PCLNR/L09HP	174.3-845-1	174.3-829			5691 026-13
A20S-PCLNR/L09HP	174.3-845-1	174.3-829			5691 026-13
A25T-PCLNR/L09HP	174.3-845-1	174.3-829			5691 026-13
A25T-PCLNR/L12HP	438.3-841-1	438.3-832M			5691 026-13
A32T-PCLNR/L12HP	174.3-848M	174.3-858	171.31-850M	174.3-861	5691 026-13
A40T-PCLNR/L12HP	174.3-848M	174.3-858	171.31-850M	174.3-861	5691 026-13
A50U-PCLNR/L19HP	174.3-849M	174.3-822M	171.31-851M	174.3-868	5691 026-13

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


A138


F2


G2



H36



H10



H5

T-Max® P boring bar for turning

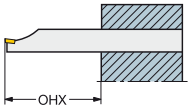
Lever clamp design

Cylindrical with flats - Precision coolant supply

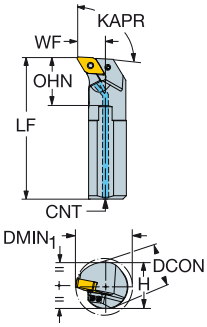




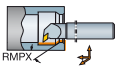
KAPR



93.0°



DNMM, DNMX
DNMG
DNMA, DNGA

		CZC$_{MS}$	DMIN$_1$	RMPX	OHX	OHN	CNSC	Ordering code	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

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
A25T-PDUNR/L11HP	5432 015-021	438.3-830			5691 026-13
A32T-PDUNR/L11HP	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
A40T-PDUNR/L15HP	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-13
A50U-PDUNR/L15HP	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-13

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

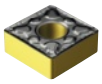
ENG

T-Max® P boring bar for turning

Lever clamp design

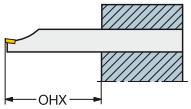
Cylindrical with flats - Precision coolant supply



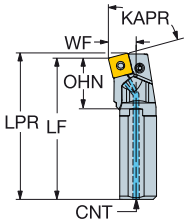


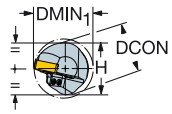
SNMM
SNMG
SNMA, SNGA

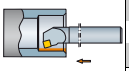
KAPR



75.0°





							Ordering code	Dimensions, mm						BAR	NM	KG	MIID
		CZC_{MS}	$DMIN_1$	OHX	OHN	CNSC		DCON	H	LPR	LF	WF	CNT				
	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

R = Right hand, L = Left hand

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
A25T-PSKNR/L12HP	438.3-841-1	438.3-832M			5691 026-13
A32T-PSKNR/L12HP	174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-13
A40T-PSKNR/L12HP	174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-13
A50U-PSKNR/L19HP	174.3-849M	174.3-822M	174.3-852M	174.3-862	5691 026-13

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


A138


F2


G2



H36



H10



H5

T-Max® P boring bar for turning

Lever clamp design

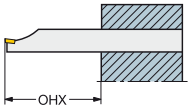
Cylindrical with flats - Precision coolant supply



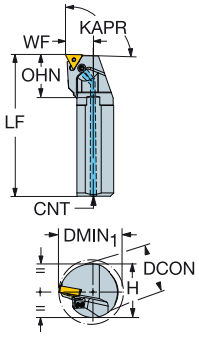


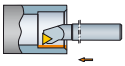
TNMM, TNMX
TNMG
TNMA, TNGA

KAPR



91.0°



								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

R = Right hand, L = Left hand

	Spare parts		
Ordering code	Lever	Screw	Nozzle
A16R-PTFNR/L11HP	174.3-846-1	174.3-829	5691 026-23
A20S-PTFNR/L11HP	174.3-846-1	174.3-829	5691 026-23
A25T-PTFNR/L11HP	174.3-846-1	174.3-829	5691 026-23

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

A138 F2 G2 H36 H10 H5

ENG

T-Max® P head for turning

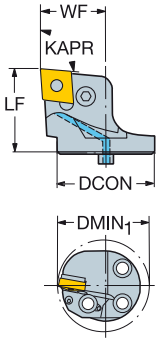
Lever clamp design

CoroTurn® SL - Precision coolant supply

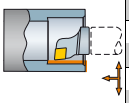
KAPR 95.0°







CNMM
CNMG
CNMA, CNGA

		CZC$_{MS}$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	09	25	34.0	1	**SL-PCLNR/L-25-09HP-G**	25	28.0	19.0	80	1.7	0.08	CNMG 09 03 08
	12	32	40.0	1	**SL-PCLNR/L-32-12HP**	32	36.0	22.0	80	5.0	0.16	CNMG 12 04 08
		40	50.0	1	**SL-PCLNR/L-40-12HP**	40	35.0	27.0	80	5.0	0.21	CNMG 12 04 08
	16	40	56.0	1	**SL-PCLNR/L-40-16HP**	40	42.0	27.0	80	5.0	0.27	CNMG 16 06 08

-G indicates altered main dimensions

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 complete list of spare parts, see www.sandvik.coromant.com


A138


F2



H36



H5


H2

T-Max® P head for turning

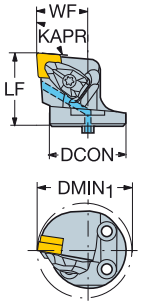
Rigid clamp design

CoroTurn® SL - Internal coolant supply

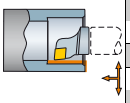
KAPR 95.0°







CNMM
CNMG
CNMA, CNGA

						Dimensions, mm						
		CZC_{MS}	$DMIN_1$	CNSC	**Ordering code**	DCON	LF	WF	BAR	NM	KG	MIID
	12	32	40.0	1	**570-DCLNR/L-32-12-L**	32	38.0	22.0	10	3.9	0.17	CNMG 12 04 08
		40	50.0	1	**570-DCLNR/L-40-12-L**	40	38.0	27.0	10	3.9	0.22	CNMG 12 04 08
	16	40	57.0	1	**570-DCLNR/L-40-16-L**	40	40.0	32.0	10	6.4	0.32	CNMG 16 06 12
	19	40	57.0	1	**570-DCLNR/L-40-19-L**	40	42.0	34.0	10	6.4	0.33	CNMG 19 06 12

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DCLNR/L-32-12-L	5513 020-02	5322 236-03	5412 028-021	5638 031-01
570-DCLNR/L-40-12-L	5513 020-02	5322 236-03	5412 028-021	5638 031-01
570-DCLNR/L-40-16-L	5513 020-07	5322 234-03	5412 028-031	5638 031-01
570-DCLNR/L-40-19-L	5513 020-07	5322 236-01	5412 028-041	5638 031-01

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

A138 F2 H36 H5 H2

ENG

T-Max® P head for turning

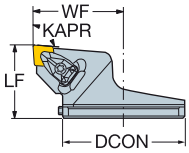
Rigid clamp design

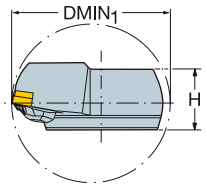
CoroTurn® SL Quick Change

KAPR 95.0°

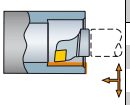








CNMM
CNMG
CNMA, CNGA

		CZC$_{MS}$	DMIN$_1$	Ordering code	Dimensions, mm DCON	H	LF	WF	NM	KG	MIID
	12	80	100.0	**570-DCLNR/L-80-12**	80	37.5	45.0	57.0	3.9	0.56	CNMG 12 04 08
	16	80	100.0	**570-DCLNR/L-80-16**	80	37.5	45.0	57.0	6.4	0.60	CNMG 16 06 12

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 complete list of spare parts, see www.sandvik.coromant.com

A138 F2 H36 H2

T-Max® P head for turning

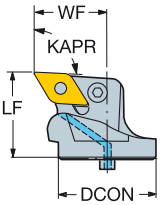
Lever clamp design

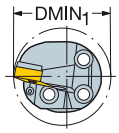
CoroTurn® SL - Precision coolant supply

KAPR 93.0°

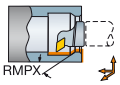








DNMM, DNMX
DNMG
DNMA, DNGA

		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	11	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
		32	40.0	27°	1	**SL-PDUNR/L-32-11HP**	32	32.0	22.0	80	2.0	0.13	DNMG 11 04 08
	15	40	56.0	27°	1	**SL-PDUNR/L-40-15HP**	40	36.0	30.0	80	5.0	0.24	DNMG 15 06 08

-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 complete list of spare parts, see www.sandvik.coromant.com


A138


F2



H36



H5


H2

SANDVIK Coromant

ENG

T-Max® P head for turning

Rigid clamp design

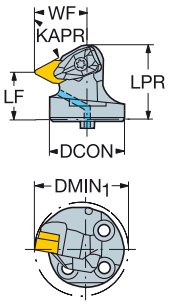
CoroTurn® SL - Internal coolant supply

KAPR

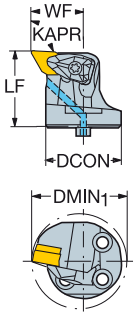




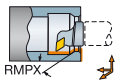
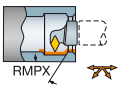
570-DDXNR/L
62.5°



570-DDUNR/L
93.0°



DNMM, DNMX
DNMG
DNMA, DNGA

		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
	11	32	40.0	27°	1	**570-DDUNR/L-32-11**	32		32.0	22.0	10	1.7	0.13	DNMG 11 04 08
	15	40	50.0	27°	1	**570-DDUNR/L-40-15**	40		32.0	27.0	10	3.9	0.21	DNMG 15 06 08
	11	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
	15	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

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 complete list of spare parts, see www.sandvik.coromant.com

A138 F2 H36 H5 H2

T-Max® P head for turning

Rigid clamp design

CoroTurn® SL Quick Change

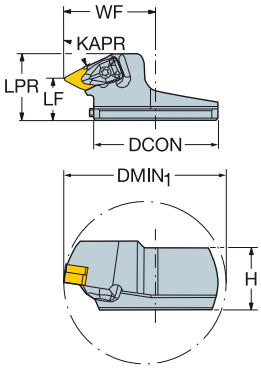




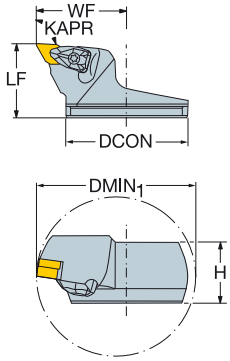
DNMM, DNMX
DNMG
DNMA, DNGA

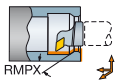
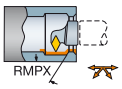
KAPR

570-DDXNR/L-80
62.5°



570-DDUNR/L-80
93.0°



		CZC_{MS}	$DMIN_1$	RMPX	Ordering code	DCON	H	LPR	LF	WF	NM	KG	MIID
	15	80	100.0	27°	570-DDUNR/L-80-15	80	37.5		45.0	57.0	3.9	0.55	DNMG 15 06 08
	15	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

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 complete list of spare parts, see www.sandvik.coromant.com

A138 F2 H36 H2

ENG

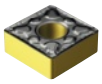
T-Max® P head for turning

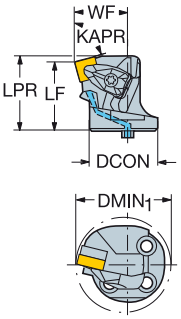
Rigid clamp design

CoroTurn® SL - Internal coolant supply

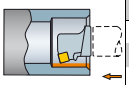
KAPR 75.0°







SNMM
SNMG
SNMA, SNGA

							Dimensions, mm							
		CZC_{MS}	$DMIN_1$	RMPX	CNSC	Ordering code	DCON	LPR	LF	WF	BAR	NM	KG	MIID
	12	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
	15	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

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 complete list of spare parts, see www.sandvik.coromant.com

A138 F2 H36 H5 H2

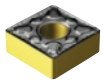
T-Max® P head for turning

Rigid clamp design

CoroTurn® SL Quick Change

KAPR 75.0°

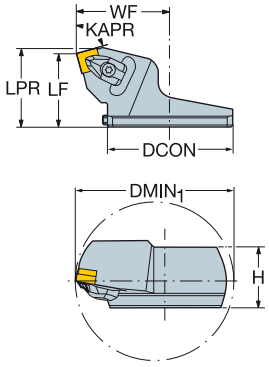


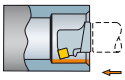



SNMM

SNMG

SNMA, SNGA



						Dimensions, mm							
		CZC_{MS}	$DMIN_1$	RMPX	**Ordering code**	DCON	H	LPR	LF	WF	NM	KG	MIID
	15	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

R = Right hand, L = Left hand

Spare parts			
Shim screw	Shim	Clamp set	Adjustment screw
5513 020-07	5322 425-03	5412 028-031	5514 060-12

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


A138


F2



H36


H2

SANDVIK Coromant

ENG

T-Max® P head for turning

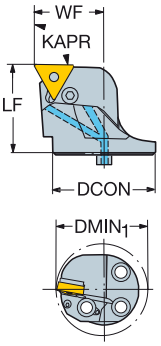
Lever clamp design

CoroTurn® SL - Precision coolant supply

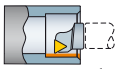
KAPR 91.0°







TNMM, TNMX
TNMG
TNMA, TNGA

		CZC$_{MS}$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	32	40.0	1	**SL-PTFNR/L-32-16HP**	32	35.0	22.0	80	2.0	0.16	TNMG 16 04 08
		40	50.0	1	**SL-PTFNR/L-40-16HP**	40	35.0	27.0	80	2.0	0.23	TNMG 16 04 08

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 complete list of spare parts, see www.sandvik.coromant.com

A138 F2 H36 H5 H2

T-Max® P head for turning

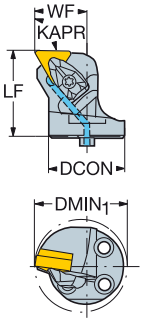
Rigid clamp design

CoroTurn® SL - Internal coolant supply

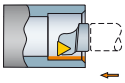
KAPR 91.0°







TNMM, TNMX
TNMG
TNMA, TNGA

		CZC$_{MS}$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	32	40.0	1	**570-DTFNR/L-32-16-L**	32	36.0	22.0	10	1.7	0.15	TNMG 16 04 08
		40	50.0	1	**570-DTFNR/L-40-16-L**	40	36.0	27.0	10	1.7	0.23	TNMG 16 04 08

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 complete list of spare parts, see www.sandvik.coromant.com

A138 F2 H36 H5 H2

SANDVIK Coromant

ENG

T-Max® P head for turning

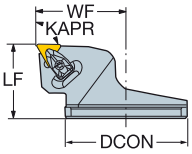
Rigid clamp design

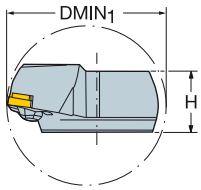
CoroTurn® SL Quick Change

KAPR 91.0°

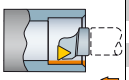








TNMM, TNMX
TNMG
TNMA, TNGA

		CZC$_{MS}$	DMIN$_1$	Ordering code	Dimensions, mm DCON	H	LF	WF	NM	KG	MIID
	16	80	100.0	**570-DTFNR/L-80-16**	80	37.5	45.0	57.0	1.7	0.60	TNMG 16 04 08

R = Right hand, L = Left hand

Spare parts			
Shim screw	Shim	Clamp set	Adjustment screw
5513 020-04	5322 316-01	5412 028-011	5514 060-12

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

A138 F2 H36 H2

T-Max® P head for turning

Rigid clamp design

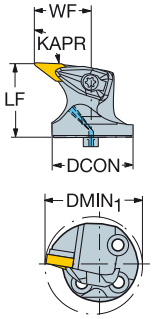
CoroTurn® SL - Internal coolant supply

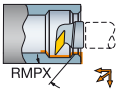
KAPR 93.0°









		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	16	40	52.0	25°	1	**570-DVUNR/L-40-16**	40	36.0	30.0	10	3.0	0.24	VNMG 16 04 08

R = Right hand, L = Left hand

Spare parts			
Shim screw	Shim	Clamp set	Locating tube
5513 020-09	5322 269-01	5412 028-061	5638 031-01

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


A138


F2



H36



H5


H2

SANDVIK Coromant

ENG

T-Max® P head for back boring

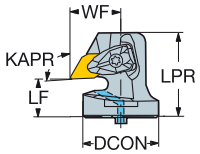
Rigid clamp design

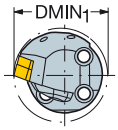
CoroTurn® SL - Internal coolant supply

KAPR 93.0°

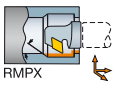








DNMM, DNMX
DNMG
DNMA, DNGA

		CZC$_{MS}$	DMIN$_1$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
 RMPX	15	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

R = Right hand, L = Left hand

Spare parts			
Shim screw	Shim	Clamp set	Locating tube
5513 020-02	5322 266-02	5412 028-021	5638 031-01

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


A138


F2



H36



H5


H2

T-Max® P head for back boring

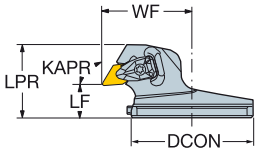
Rigid clamp design

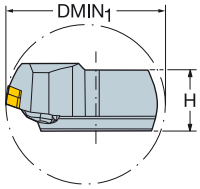
CoroTurn® SL Quick Change

KAPR 93.0°

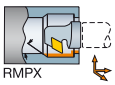








DNMM, DNMX
DNMG
DNMA, DNGA

		CZC$_{MS}$	DMIN$_1$	RMPX	Ordering code	Dimensions, mm DCON	H	LPR	LF	WF	NM	KG	MIID
 RMPX	15	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

R = Right hand, L = Left hand

Spare parts			
Shim screw	Shim	Clamp set	Adjustment screw
5513 020-02	5322 266-02	5412 028-021	5514 060-12

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

A138 F2 H36 H2

SANDVIK Coromant

ENG

T-Max® P head for back boring

Rigid clamp design

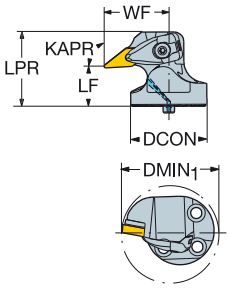
CoroTurn® SL - Internal coolant supply

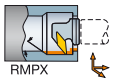
KAPR 93.0°









							Dimensions, mm							
		CZC_{MS}	$DMIN_1$	RMPX	CNSC	**Ordering code**	DCON	LPR	LF	WF	BAR	NM	KG	MIID
 RMPX	16	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

R = Right hand, L = Left hand

Spare parts			
Shim screw	Shim	Clamp set	Locating tube
5513 020-09	5322 269-01	5412 028-061	5638 031-01

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


A138


F2



H36



H5


H2

T-Max® P head for back boring

Rigid clamp design

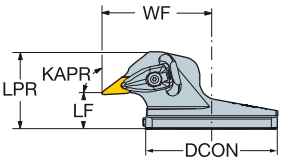
CoroTurn® SL Quick Change

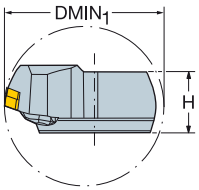
KAPR 93.0°

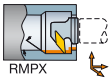




VNMG





		CZC$_{MS}$	DMIN$_1$	RMPX	Ordering code	Dimensions, mm DCON	H	LPR	LF	WF	NM	KG	MIID
 RMPX	16	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

R = Right hand, L = Left hand

Spare parts			
Shim screw	Shim	Clamp set	Adjustment screw
5513 020-09	5322 269-01	5412 028-061	5514 060-12

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

A138 F2 H36 H2

SANDVIK Coromant

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



Right hand style shown unless otherwise stated

Clamping

- T-Max® : Rigid clamp, Top clamp
- T-Max® S: Top clamp

Tools

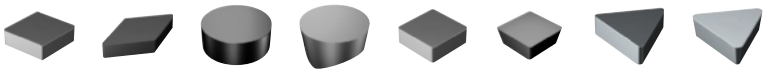
- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads

Inserts

- T-Max and T-max S holders both use T-Max inserts, without holes.

Advanced cutting materials

Ceramics



CN.. A226 | DN.. A227 | RN.. A228 | RC/RP.. A229 | SN.. A230 | SP.. A231 | TN.. A232 | TP.. A232

Polycrystalline diamond (PCD)



SP.. A231 | TP.. A232



A233



A251

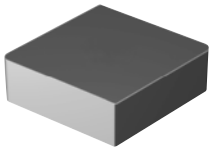


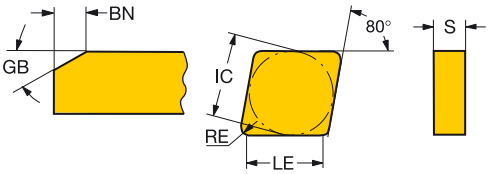
H35

T-Max® insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials





		LE	S	RE	GB	BN	ISO CODE	K			S			
								6190	650	7925	6060	6065	650	670
Finishing	12	12.1	7.94	0.8	20°	0.25	CNGN 12 07 08T02520	★						
		12.1	4.76	0.8	20°	0.10	CNGN120408T01020		★				☆	★
		11.7	4.76	1.2	20°	0.25	CNGN120412S02520M			★				
		11.7	4.76	1.2	20°	0.10	CNGN120412T01020		★				☆	★
		11.7	4.76	1.2	20°	0.25	CNGN120412T02520	☆	★				☆	★
		11.3	4.76	1.6	20°	0.25	CNGN120416S02520M			★				
		11.3	4.76	1.6	20°	0.10	CNGN120416T01020		★				☆	★
		11.7	7.94	1.2	20°	0.25	CNGN120712T02520	☆	★				☆	
		11.3	7.94	1.6	20°	0.25	CNGN120716T02520	★						
		11.7	7.94	1.2			CNGN120712E					★		
	16	14.5	7.94	1.6	20°	0.10	CNGN 16 07 16T01020		★				★	
		15.3	7.94	0.8	20°	0.10	CNGN160708T01020		★				☆	
		14.9	7.94	1.2	20°	0.10	CNGN160712T01020		★				☆	★
Medium	12	12.1	7.94	0.8	20°	0.10	CNGN120708T01020		★				☆	★
		11.7	7.94	1.2	20°	0.10	CNGN120712T01020		★		☆		☆	★
		11.3	7.94	1.6	20°	0.10	CNGN120716T01020		★				☆	★

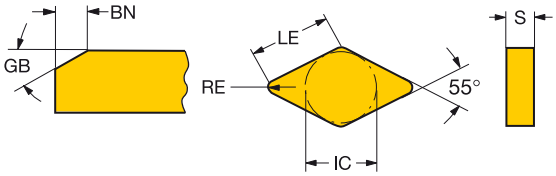
ENG

T-Max® insert for turning

D-style insert (Rhombic 55°)

Advanced cutting materials





		LE	S	RE	GB	BN	ISO CODE	K 650	S 650	S 670
Finishing	15	14.7	4.76	0.8	20°	0.10	DNGN150408T01020	★	☆	★
		14.3	4.76	1.2	20°	0.10	DNGN150412T01020			★
		14.7	7.94	0.8	20°	0.10	DNGN150708T01020	★	☆	★
		14.3	7.94	1.2	20°	0.10	DNGN150712T01020	★	☆	★
		14.3	7.94	1.2	20°	0.25	DNGN150712T02520	★	★	
		13.9	7.94	1.6	15°	0.70	DNGN150716K07015	★	★	
		13.9	7.94	1.6	20°	0.10	DNGN150716T01020	★	☆	★
		13.9	7.94	1.6	15°	0.70	DNGN150716T07015	★	★	

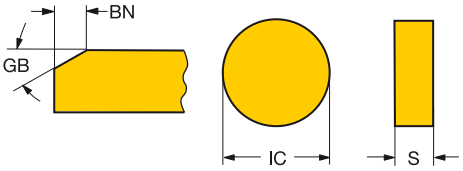
A233 A251 A262 A278 H36 H6 H3

T-Max® insert for turning

R-style insert (Round)

Advanced cutting materials





		S	RE	GB	BN	ISO CODE	K			S				
							6190	650	7925	6060	6065	6160	650	670
Finishing	06	3.18	3.0	20°	0.25	RNGN060300S02520M			★					
	09	3.18	4.8	20°	0.25	RNGN090300S02520M			★					
		3.18	4.8	20°	0.10	RNGN090300T01020		★					☆	★
	12	3.18	6.4	20°	0.25	RNGN120300S02520M			★					
		4.76	6.4	20°	0.25	RNGN120400S02520M			★					
		4.76	6.4	20°	0.10	RNGN120400T01020		★					☆	★
		4.76	6.4	20°	0.25	RNGN120400T02520	★							
		7.94	6.4	15°	1.50	RNGN120700K15015		★					★	
		7.94	6.4	20°	0.25	RNGN120700T02520	☆	★					★	
		7.94	6.4	15°	1.50	RNGN120700T15015		★					★	
	15	7.94	7.9	20°	0.10	RNGN150700T01020								★
		7.94	7.9	20°	0.25	RNGN150700T02520		★					★	
		7.94	7.9	15°	2.00	RNGN150700T20015		★					★	
	19	7.94	9.5	15°	2.00	RNGN190700K20015		★					☆	★
		7.94	9.5	15°	2.00	RNGN190700T20015		★					★	
Medium	09	3.18	4.8			RNGN090300E				★				
	12	7.94	6.4	20°	0.10	RNGN120700T01020		★		☆		☆	☆	★
		4.76	6.4			RNGN120400E		★		☆	☆		★	
		7.94	6.4			RNGN120700E				☆	☆	☆		★
	19	7.94	9.5	20°	0.10	RNGN190700T01020								★
		7.94	9.5			RNGN190700E				★				

A233 A251 A262 A278 H36 H6 H3

SANDVIK Coromant

ENG

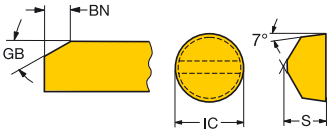
T-Max® insert for turning

R-style insert (Round)

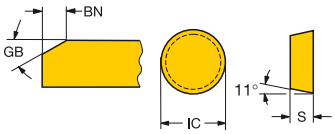
Advanced cutting materials



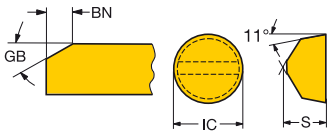
RCGX..K/T



RPGN..S/T



RPGX..S/T



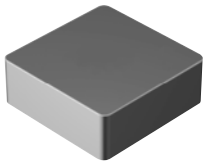
		S	RE	GB	BN	ISO CODE	K	S				
							650	6060	6065	6160	650	670
Finishing	06	3.18	3.2	20°	0.10	RPGN060300T01020						★
		6.35	3.2	20°	0.10	RPGX060600T01020						★
	09	7.94	4.8	15°	0.70	RCGX090700T07015	★				★	
		3.18	4.8	20°	0.10	RPGN090300T01020	★				☆	★
	12	7.94	6.4	15°	1.50	RCGX120700K15015	★				★	
		7.94	6.4	20°	0.25	RCGX120700T02520	★				★	
		7.94	6.4	15°	1.50	RCGX120700T15015	★				★	
		4.76	6.4	20°	0.10	RPGN120400T01020						★
	15	10.00	7.9	15°	2.00	RCGX151000T20015	★				★	
	19	10.00	9.5	15°	2.00	RCGX191000K20015	★				★	
		10.00	9.5	15°	2.00	RCGX191000T20015	★				★	
Medium	06	6.35	3.2	20°	0.10	RCGX060600T01020	★				☆	★
		6.35	3.2			RCGX060600E	★	☆	☆		☆	★
		3.18	3.2			RPGN060300E		☆		★		
	09	7.94	4.8	20°	0.10	RCGX090700T01020	★	☆			☆	★
		7.94	4.8	20°	0.10	RPGX090700T01020		☆				★
		7.94	4.8			RCGX090700E	★	☆	☆	☆	☆	★
		3.18	4.8			RPGN090300E		☆		★		
		7.94	4.8			RPGX090700E		☆		★		
	12	7.94	6.4	20°	0.10	RCGX120700T01020	★	☆			☆	★
		7.94	6.4	20°	0.10	RPGX120700T01020		☆				★
		7.94	6.4			RCGX120700E		☆	☆	☆		★
		4.76	6.4			RPGN120400E		☆		★		
		7.94	6.4			RPGX120700E		☆		★		

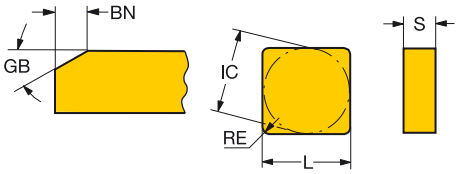
A233 A251 A262 A278 H36 H6 H3

T-Max® insert for turning

S-style insert (Square)

Advanced cutting materials





		LE	S	RE	GB	BN	ISO CODE	K			S			
								6190	650	7925	6060	6065	650	670
Finishing	09	8.7	3.18	0.8	20°	0.10	SNGN090308T01020		★				☆	★
		8.3	3.18	1.2	20°	0.25	SNGN090312S02520M			★				
		8.3	3.18	1.2	20°	0.10	SNGN090312T01020		★				★	
	12	11.1	4.76	1.6	20°	0.10	SNGN 12 04 16T01020		★				☆	★
		11.9	4.76	0.8	20°	0.10	SNGN120408T01020		★				☆	★
		11.9	4.76	0.8	20°	0.25	SNGN120408T02520	★						
		11.5	4.76	1.2	20°	0.25	SNGN120412S02520M			★				
		11.5	4.76	1.2	20°	0.10	SNGN120412T01020		★				☆	★
		11.5	4.76	1.2	20°	0.25	SNGN120412T02520	★	★				★	
		11.1	4.76	1.6	20°	0.25	SNGN120416S02520M			★				
		11.1	4.76	1.6	20°	0.25	SNGN120416T02520	★						
		11.9	7.94	0.8	20°	0.10	SNGN120708T01020		★				☆	★
		11.9	7.94	0.8	20°	0.25	SNGN120708T02520	★						
		11.5	7.94	1.2	20°	0.25	SNGN120712T02520	☆	★				★	
		11.1	7.94	1.6	15°	1.50	SNGN120716K15015		★				★	
		11.1	7.94	1.6	20°	0.10	SNGN120716T01020		★				☆	★
		11.1	7.94	1.6	20°	0.25	SNGN120716T02520	★						
		11.1	7.94	1.6	15°	1.50	SNGN120716T15015		★				★	
		11.5	4.76	1.2			SNGN120412E					★		
	15	15.1	7.94	0.8	20°	0.10	SNGN150708T01020		★				★	
		14.7	7.94	1.2	20°	0.10	SNGN150712T01020							★
		14.3	7.94	1.6	20°	0.10	SNGN150716T01020		★				☆	★
		14.3	7.94	1.6	20°	0.25	SNGN150716T02520	★						
	19	17.5	7.94	1.6	20°	0.10	SNGN190716T01020		★				★	
		16.7	7.94	2.4	20°	0.10	SNGN190724T01020		★				☆	★
Medium	12	11.5	7.94	1.2	20°	0.10	SNGN120712T01020		★		☆		☆	★
		11.5	7.94	1.2			SNGN120712E				★			
	19	16.7	7.94	2.4			SNGN190724E				★			

A233 A251 A262 A278 H36 H6 H3

SANDVIK Coromant

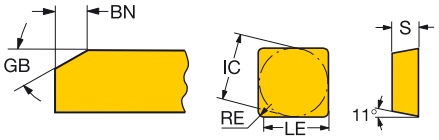
ENG

T-Max® insert for turning

S-style insert (Square)

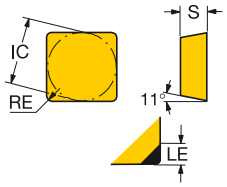
Advanced cutting materials





		LE	S	RE	GB	BN	ISO CODE	K 650	S 650
Finishing	12	11.9	4.76	0.8	20°	0.10	SPGN120408T01020	★	★
		11.5	4.76	1.2	20°	0.10	SPGN120412T01020	★	★





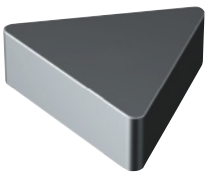
		LE	S	RE	ISO CODE	N CD10
Finishing	12	4.6	3.18	0.4	SPUN120304FP	★

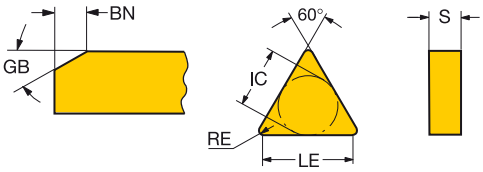
A233 A251 A262 A278 H36 H6 H3

T-Max® insert for turning

T-style insert (Triangular)

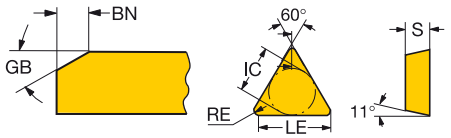
Advanced cutting materials





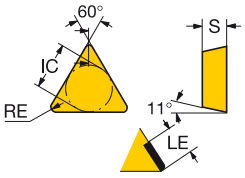
		LE	S	RE	GB	BN	ISO CODE	K 650	S 650	S 670
Finishing	11	10.2	3.18	0.79	20°	0.10	TNGN110308T01020	★	★	
	16	15.7	4.76	0.79	20°	0.10	TNGN160408T01020	★	☆	★
		15.3	4.76	1.19	20°	0.10	TNGN160412T01020	★	☆	★
		14.9	4.76	1.59	20°	0.10	TNGN160416T01020	★	★	
		15.7	7.94	0.79	20°	0.10	TNGN160708T01020	★	★	
		15.3	7.94	1.19	20°	0.10	TNGN160712T01020	★	★	
	22	21.2	4.76	0.79	20°	0.10	TNGN220408T01020			★





		LE	S	RE	GB	BN	ISO CODE	K 650	S 650	S 670
Finishing	11	10.6	3.18	0.4	20°	0.10	TPGN110304T01020	★	★	
		10.2	3.18	0.8	20°	0.10	TPGN110308T01020	★	☆	★
	16	16.1	3.18	0.4	20°	0.10	TPGN160304T01020	★	★	
		15.7	3.18	0.8	20°	0.10	TPGN160308T01020	★	☆	★
		15.3	3.18	1.2	20°	0.10	TPGN160312T01020	★	☆	★
		15.7	3.18	0.8			TPGN160308E	★	★	





		LE	S	RE	ISO CODE	N CD10
Finishing	11	2.7	3.18	0.4	TPUN110304FP	★
	16	7.4	3.18	0.4	TPUN160304FLP	★
		2.7	3.18	0.4	TPUN160304FP	★
		7.4	3.18	0.4	TPUN160304FRP	★

A233 A251 A262 A278 H36 H6 H3

SANDVIK Coromant

ENG

T-Max® cutting unit for turning

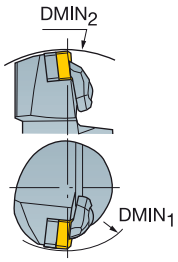
Rigid clamp design for ceramic inserts

Coromant Capto® - Internal coolant supply

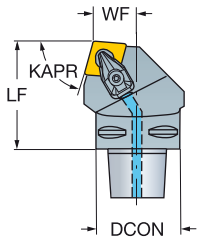


CNG

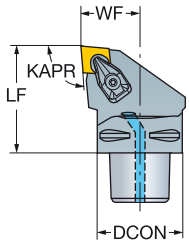
KAPR

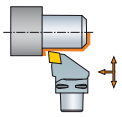
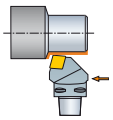


Cx-CCRNR/L
75.0°



Cx-CCLNR/L
95.0°



		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	12	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
		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
		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
	16	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
		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
	12	C4		140.0	3	C4-CCRNR/L-22050-12-4	40	50.0	22.0	10	3.0	0.44	CNGN 12 07 08
		C5		165.0	3	C5-CCRNR/L-27060-12-4	50	60.0	27.0	10	3.0	0.75	CNGN 12 07 08
	16	C5		165.0	3	C5-CCRNR/L-27060-16-4	50	60.0	27.0	10	6.4	0.79	CNGN 16 07 12

R = Right hand, L = Left hand

When using inserts with thickness 4.76 mm optional shims must be ordered.5322 234-01.

		Spare parts			
	CZC$_{MS}$	Shim	Shim screw	Clamp set	Nozzle
12	C4-C6	5322 234-02	5513 020-02	5412 034-021	5691 045-01
16	C5-C6	5322 234-04	5513 020-07	5412 034-031	5691 045-01

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

A226 F2 E3 G2 H36 H10 H5

T-Max® cutting unit for turning

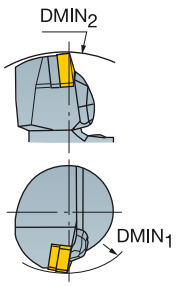
Rigid clamp design for ceramic inserts

Coromant Capto® - Internal coolant supply

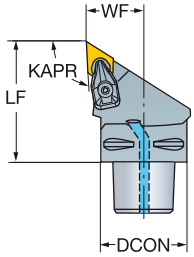




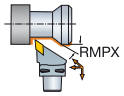
KAPR



93.0°



DNG

								Dimensions, mm						
		CZC_{MS}	$DMIN_1$	$DMIN_2$	RMPX	CNSC	**Ordering code**	DCON	LF	WF	BAR	NM	KG	MIID
	15	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
		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

R = Right hand, L = Left hand

When using inserts with thickness 4.76 mm optional shims must be ordered. 5322 266-01.

Spare parts			
Shim	Shim screw	Clamp set	Nozzle
5322 266-03	5513 020-02	5412 034-021	5691 045-01

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

A226 F2 E3 G2 H36 H10 H5

SANDVIK Coromant

ENG

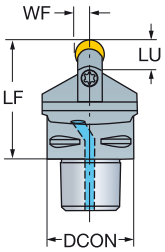
T-Max® cutting unit for turning

Top clamp design for ceramic inserts

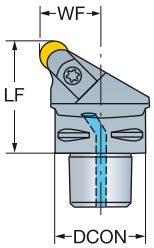
Coromant Capto® - Internal coolant supply



Cx-CRDCN



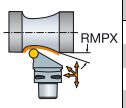
Cx-CRSCR/L







RCGX
RPGX

							Dimensions, mm						
		CZC_{MS}	LU	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR	NM	KG	MIID
	09	C4	12.0	90°	3	C4-CRDCN-00050-09AV	40	50.0	5.0	10	7.5	0.44	RCGX 09 07 00
		C5	29.0	90°	3	C5-CRDCN-00060-09AV	50	60.0	4.8	10	7.5	0.58	RCGX 09 07 00
	12	C4	15.0	90°	3	C4-CRDCN-00055-12AV	40	55.0	6.4	10	7.5	0.46	RCGX 12 07 00
		C5	38.0	90°	3	C5-CRDCN-00060-12AV	50	60.0	6.4	10	7.5	0.60	RCGX 12 07 00
	09	C5		12°	3	C5-CRSCR/L-35060-09V	50	60.0	35.0	10	7.5	0.70	RCGX 09 07 00
	12	C5		12°	3	C5-CRSCR/L-35060-12V	50	60.0	35.0	10	7.5	0.78	RCGX 12 07 00

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

		Spare parts				
	CZC_{MS}	Clamp	Clamping screw	Seat	Seat screw	Nozzle
09	C4	5412 100-01	3212 035-452	5321 065-01	3212 106-352	5691 029-01
09	C5	5412 100-01	3212 035-452	5321 065-01	3212 106-352	5691 029-02
12	C4	5412 100-02	3212 036-504	5321 065-02	3212 105-453	5691 029-01
12	C5	5412 100-02	3212 036-504	5321 065-02	3212 105-453	5691 029-02

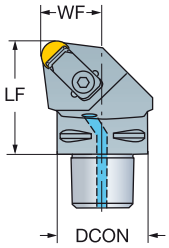
For complete list of spare parts, see www.sandvik.coromant.com

T-Max® cutting unit for turning

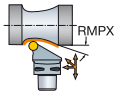
Top clamp design for ceramic inserts

Coromant Capto® - Internal coolant supply





RNGA
RNGN

						Dimensions, mm						
		CZC_{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF	BAR	NM	KG	MIID
	09	C3	7°	3	C3-CRSNR/L-22040-09ID	32	40.0	22.0	10	7.5	0.26	RNGN 09 03 00
	12	C4	7°	3	C4-CRSNR/L-27050-12ID	40	50.0	27.0	10	7.5	0.49	RNGN 12 07 00
		C5	7°	3	C5-CRSNR/L-35060-12ID	50	60.0	35.0	10	7.5	0.91	RNGN 12 07 00
		C6	7°	3	C6-CRSNR/L-45065-12ID	63	65.0	45.0	10	7.5	1.56	RNGN 12 07 00

R = Right hand, L = Left hand

		Spare parts				
	CZC_{MS}	Clamp	Pressure plate	Shim	Shim screw	Nozzle
09	C3	5412 127-01		5321 215-01	3212 100-206	5691 029-01
12	C4	5412 125-01	5192 020-01	5322 141-01	5513 013-02	5691 029-01
12	C5-C6	5412 125-01	5192 020-01	5322 141-01	5513 013-02	5691 029-02

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

A226 F2 E3 G2 H36 H10 H5

SANDVIK Coromant

ENG

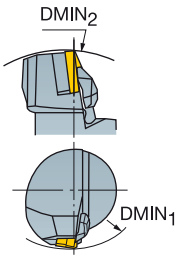
T-Max® cutting unit for turning

Rigid clamp design for ceramic inserts

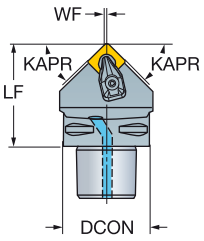
Coromant Capto® - Internal coolant supply



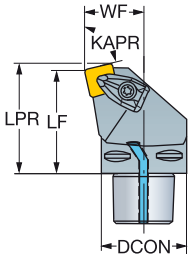
KAPR



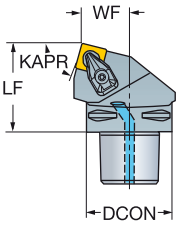
Cx-CSDNN
45.0°



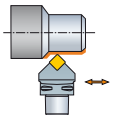
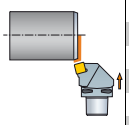
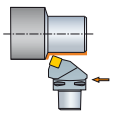
Cx-CSKNR/L
75.0°



Cx-CSRNR/L
75.0°



SNG

		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	RMPX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	NM	KG	MIID
	12	C4			40°	3	C4-CSDNN-00050-12-4	40		50.0	0.3	10	3.9	0.34	SNGN 12 07 08
		C5			40°	3	C5-CSDNN-00060-12-4	50		60.0	0.3	10	3.9	0.62	SNGN 12 07 08
		C6			40°	3	C6-CSDNN-00065-12-4	63		65.0	0.3	10	3.9	1.21	SNGN 12 07 08
	15	C5			40°	3	C5-CSDNN-00060-15-4	50		60.0	0.5	10	6.4	0.72	SNGN 15 07 12
		C6			40°	3	C6-CSDNN-00065-15-4	63		65.0	0.5	10	6.4	1.22	SNGN 15 07 12
	12	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
		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
	12	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
		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
		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
	15	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

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

When using inserts with thickness 4.76 mm optional shims must be ordered. 5322 425-01.

	Spare parts				
	CZC$_{MS}$	Shim	Shim screw	Clamp set	Nozzle
12	C4-C6	5322 425-02	5513 020-02	5412 034-021	5691 045-01
15	C5-C6	5322 425-05	5513 020-07	5412 034-031	5691 045-01

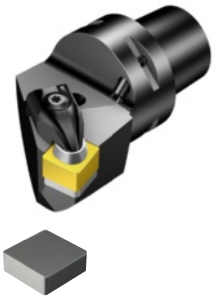
For complete list of spare parts, see www.sandvik.coromant.com

A226 F2 E3 G2 H36 H10 H5

T-Max® cutting unit for turning

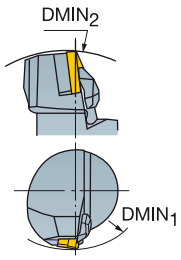
Rigid clamp design for ceramic inserts

Coromant Capto® - Internal coolant supply

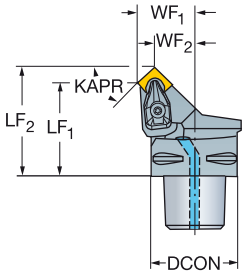


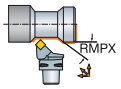
SNG

KAPR



45.0°



		CZC$_{MS}$	DMIN$_1$	DMIN$_2$	OHX	CNSC	Ordering code	Dimensions, mm DCON	LF$_1$	LF$_2$	WF$_1$	WF$_2$	BAR	NM	KG	MIID
	12	C5	110.0	165.0	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
		C6	110.0	190.0	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
	15	C5	125.0	165.0	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
		C6	125.0	190.0	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

R = Right hand, L = Left hand

When using inserts with thickness 4.76 mm optional shims must be ordered. 5322 425-01.

	Spare parts			
CZC$_{MS}$	Shim	Shim screw	Clamp set	Nozzle
12	C5	5322 425-02	5513 020-02	5412 034-021	5691 029-01
12	C6	5322 425-02	5513 020-02	5412 034-021	5691 045-01
15	C5	5322 425-05	5513 020-07	5412 034-031	5691 029-01
15	C6	5322 425-05	5513 020-07	5412 034-031	5691 045-01

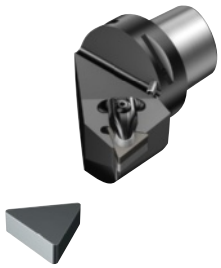
For complete list of spare parts, see www.sandvik.coromant.com

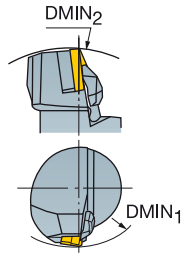
ENG

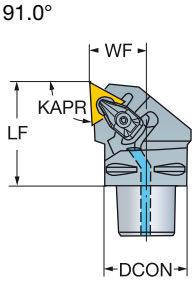
T-Max® cutting unit for turning

Rigid clamp design for ceramic inserts

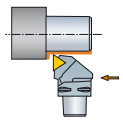
Coromant Capto® - Internal coolant supply







TNG

							Dimensions, mm						
		CZC_{MS}	$DMIN_1$	$DMIN_2$	CNSC	**Ordering code**	DCON	LF	WF	BAR	NM	KG	MIID
	22	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
		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

R = Right hand, L = Left hand

Spare parts			
Shim	Shim screw	Clamp set	Nozzle
5322 315-04	5513 020-02	5412 034-021	5691 045-01

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


A226


F2


E3


G2



H36



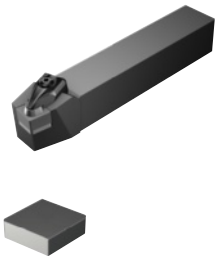
H10



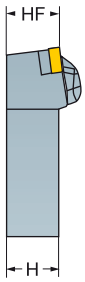
H5

T-Max® shank tool for turning

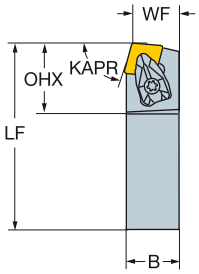
Rigid clamp design for ceramic inserts



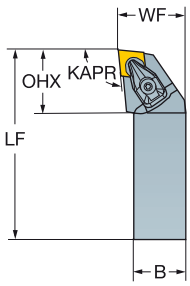
KAPR



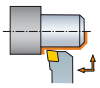
CCBNR/L
75.0°



CCLNR/L
95.0°



CNG

	CZC_{MS}	OHX	Ordering code	Dimensions, mm 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

When using inserts with thickness 4.76 mm optional shims must be ordered. 5322 234-01.

R = Right hand, L = Left hand

		Spare parts		
	CZC_{MS}	Shim	Shim screw	Clamp set
12	25 x 25-32 x 25	5322 234-02	5513 020-02	5412 034-021
16	32 x 25-32 x 32	5322 234-04	5513 020-07	5412 034-031

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

A226 F2 E3 H36 H10

SANDVIK Coromant

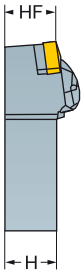
ENG

T-Max® shank tool for turning

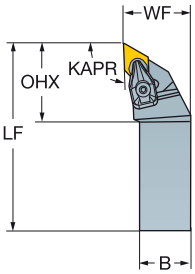
Rigid clamp design for ceramic inserts



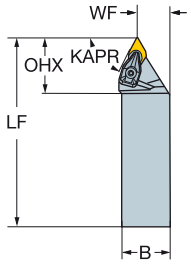
KAPR



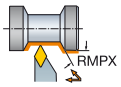
CDJNR/L
93.0°



CDNNR/L
62.5°



DNG

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	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

When using inserts with thickness 4.76 mm optional shims must be ordered. 5322 266-01.

R = Right hand, L = Left hand

Spare parts		
Shim	Shim screw	Clamp set
5322 266-03	5513 020-02	5412 034-021

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

A226 F2 E3 H36 H10

T-Max® shank tool for turning

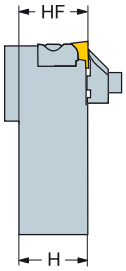
Rigid clamp design for ceramic inserts

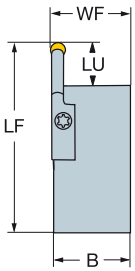






RCGX
RPGX





							Dimensions, mm							
		CZC_{MS}	LU	RMPX	OHX	**Ordering code**	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

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 complete list of spare parts, see www.sandvik.coromant.com


A226


F2


E3



H36



H10

SANDVIK Coromant

ENG

T-Max® shank tool for turning

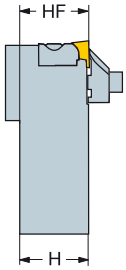
Top clamp design for ceramic inserts

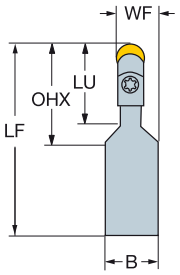




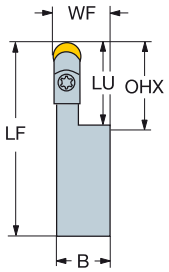
RCGX
RPGX

CRDCN





CRDCR/L



		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 complete list of spare parts, see www.sandvik.coromant.com

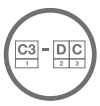

A226


F2


E3



H36



H10

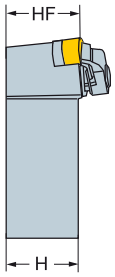
T-Max® shank tool for turning

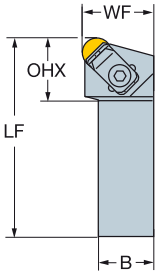
Top clamp design for ceramic inserts



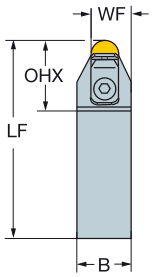


CRSNR/L

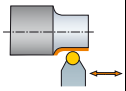
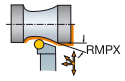




CRDNN



RNG

		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 optional shims must be ordered. 5322 141-02.

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

		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 complete list of spare parts, see www.sandvik.coromant.com


A226


F2


E3



H36



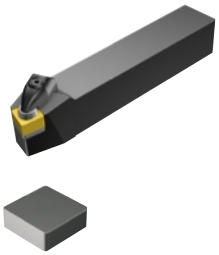
H10

SANDVIK Coromant

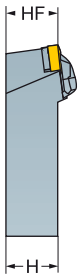
ENG

T-Max® shank tool for turning

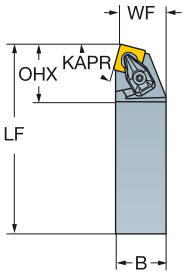
Rigid clamp design for ceramic inserts



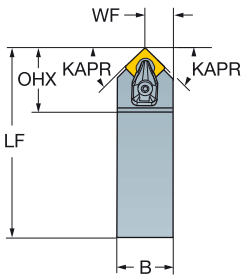
KAPR



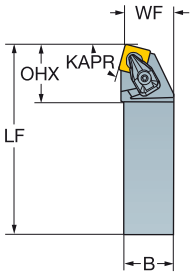
CSBNR/L-4
75.0°



CSDNN
45.0°



CSRNR/L
75.0°



SNG

						Dimensions, mm							
		CZC_{MS}	RMPX	OHX	Ordering code	B	H	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	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
	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 optional shims must be ordered. 5322 425-01.

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

	Spare parts		
	Shim	Shim screw	Clamp set
09	5322 425-02	5513 020-02	5412 034-021
12	5322 425-01	3212 100-206	5412 127-01
15	5322 425-05	5513 020-07	5412 034-031
19	5321 215-03	3212 100-257	5412 125-01

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


A226


F2


E3



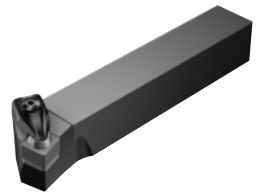
H36



H10

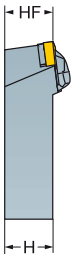
T-Max® shank tool for turning

Rigid clamp design for ceramic inserts

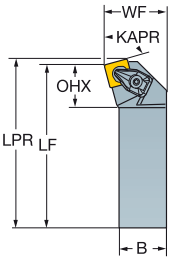




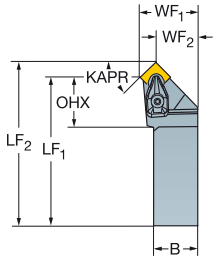
KAPR



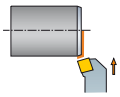
CSKNR/L
75.0°



CSSNR/L
45.0°



SNG

		CZC_{MS}	RMPX	OHX	Ordering code	Dimensions, mm B	H	LPR	LF	LF_1	LF_2	WF	WF_1	WF_2	HF	NM	KG	MIID
	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
	12	25 x 25	0°	27.3	**CSSNR/L 2525M 12-4**	25.0	25.0	158.3		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	178.3		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 optional shims must be ordered. 5322 425-01.

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

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

A226 F2 E3 H36 H10

SANDVIK Coromant

ENG

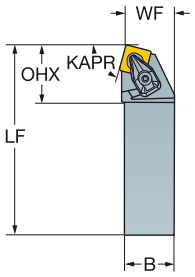
T-Max® shank tool for turning

Rigid clamp design for ceramic inserts

KAPR 75.0°



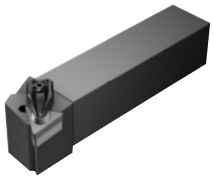




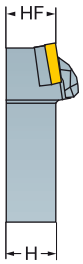
SPGN, SPUN

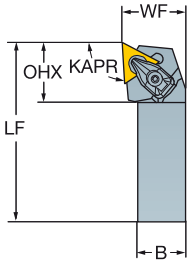
	CZC$_{MS}$	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
12	32 x 25	10°	34.0	CSRPR/L 3225P 12-IC	25.0	32.0	170.0	27.0	32.0	7.5	1.09	SPGN 12 04 08

KAPR 91.0°









TNG

	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

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

A226 F2 E3 H36 H10

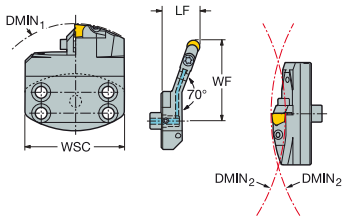
T-Max® head for turning

Top clamp design for ceramic inserts

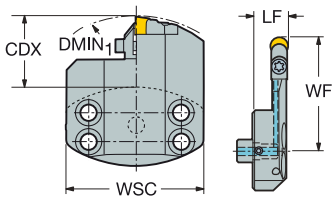
CoroTurn® SL70 - Internal coolant supply



SL70-CRSCR/L



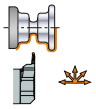
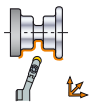
SL70-CRDCR/L







RCGX
RPGX

		CZC_{MS}	CDX	$DMIN_1$	$DMIN_2$	APMX	RMPX	CNSC	Ordering code	Dimensions, mm LF	WF	WSC	BAR	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
		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
		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
	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
		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
		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
	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

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 complete list of spare parts, see www.sandvik.coromant.com

A226 F2 H36 H5 H2

ENG

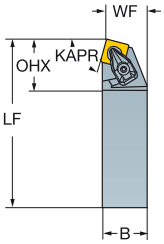
T-Max® S shank tool for turning

Top clamp design for ceramic inserts

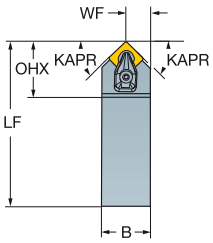


KAPR

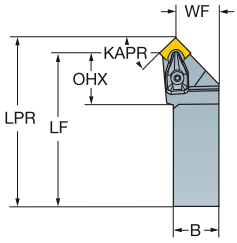
CSBPR/L
75.0°



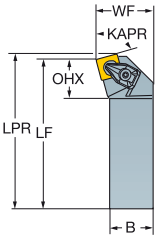
CSDPN
45.0°



CSDPR/L
45.0°

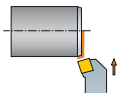


CSKPR/L
75.0°





SPU

						Dimensions, mm								
		CZC_{MS}	RMPX	OHX	Ordering code	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

For spare parts, visit www.sandvik.coromant.com

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

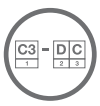

A226


F2


E3



H36



H10

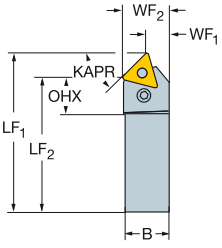
T-Max® S shank tool for turning

Top clamp design for ceramic inserts

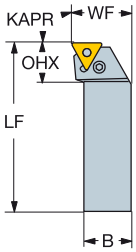


KAPR

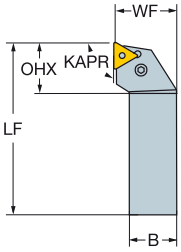
CTDPR/L
45.0°



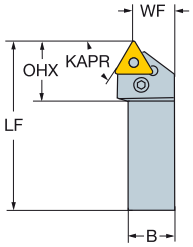
CTFPR/L
91.0°



CTGPR/L
91.0°

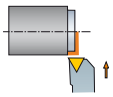
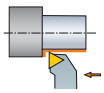


CTTPR/L
60.0°





TPU

		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

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand


A226


F2


E3



H36



H10

SANDVIK Coromant

ENG

T-Max® boring bar for turning

Top clamp design for ceramic inserts

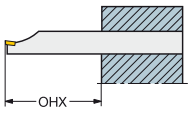
Cylindrical with flats



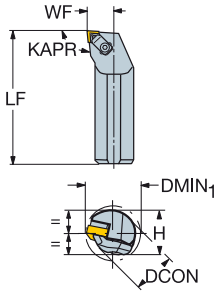


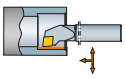
CNGN

KAPR



95.0°



							Dimensions, mm						
		CZC_{MS}	$DMIN_1$	OHX	OHN	**Ordering code**	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

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 complete list of spare parts, see www.sandvik.coromant.com


A226


F2


G2



H36



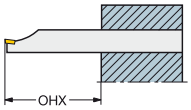
H12

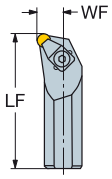
T-Max® boring bar for turning

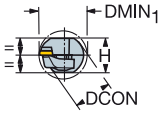
Top clamp design for ceramic inserts

Cylindrical with flats









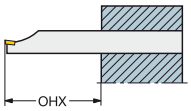


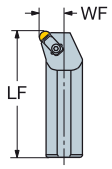
RPG

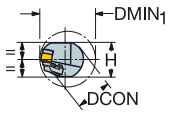
		CZC$_{MS}$	DMIN$_1$	OHX	OHN	Ordering code	DCON	H	LF	WF	NM	KG	MIID
	09	25	32.0	100.0	50.0	S25T-CRSPR/L 09-ID	25	23.0	300.0	17.0	7.5	1.12	RPGN 09 03 00

Dimensions, mm











RNGA
RNGN

		CZC$_{MS}$	DMIN$_1$	OHX	OHN	Ordering code	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

Dimensions, mm

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 complete list of spare parts, see www.sandvik.coromant.com


A226


F2


G2



H36



H12

SANDVIK Coromant

CoroTurn® XS

Internal turning, face grooving and threading of small components

Application

- Internal turning
- Copying
- Backboring
- Profiling
- Grooving
- Face grooving
- Pre-parting
- Threading



ISO application area:

P M N S H O

Benefits and features

- Optimized for machining of 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 adaptors
- Clamping nut ensures easy change of cutting tool with cylindrical carbide shank adaptors

www.sandvik.coromant.com/coroturnxs

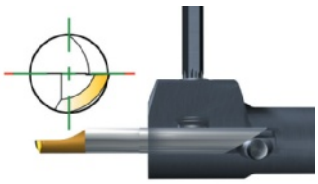
Internal coolant

- The adaptors 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
						
A254	A259	B100	B101	B104	B105	C60

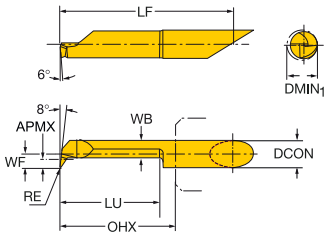
Adaptors

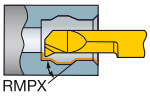
Coromant Capto®	Rectangular shank	Cylindrical shank with flat
		
F21	F30	F37

Right hand style shown unless otherwise stated

CoroTurn® XS solid carbide tool for turning







CZC$_{MS}$	RE	DMIN$_1$	LU	APMX	RMPX	OHX	Ordering code	P 1025	M 1025	M H10F	N 1025	N H10F	S 1025	S H10F	H 7015	O 1025	O H10F	Dimensions, mm DCON	WB	LF	WF
4	0.00	0.3	1.2	0.1	17°	13.0	CXS-04T098-00-0301L	★	★		★		★			★		4	0.2	27.3	0.1
4	0.00	0.3	1.2	0.1	17°	13.0	CXS-04T098-00-0301R	★	★		★		★			★		4	0.2	27.3	0.1
4	0.00	0.4	1.6	0.1	17°	13.0	CXS-04T098-00-0401L	★	★		★		★			★		4	0.3	27.3	0.2
4	0.00	0.4	1.6	0.1	17°	13.0	CXS-04T098-00-0401R	★	★		★		★			★		4	0.3	27.3	0.2
4	0.00	0.5	2.0	0.1	17°	13.0	CXS-04T098-00-0502L	★	★		★		★			★		4	0.4	27.3	0.2
4	0.00	0.5	2.0	0.1	17°	13.0	CXS-04T098-00-0502R	★	★		★		★			★		4	0.4	27.3	0.2
4	0.00	0.6	2.5	0.1	17°	13.0	CXS-04T098-00-0602L	★	★		★		★			★		4	0.5	27.3	0.3
4	0.00	0.6	2.5	0.1	17°	13.0	CXS-04T098-00-0602R	★	★		★		★			★		4	0.5	27.3	0.3
4	0.00	0.7	3.5	0.1	17°	13.0	CXS-04T098-00-0703L	★	★		★		★			★		4	0.6	27.3	0.3
4	0.00	0.7	3.5	0.1	17°	13.0	CXS-04T098-00-0703R	★	★		★		★			★		4	0.6	27.3	0.3
4	0.00	0.8	4.0	0.1	17°	13.0	CXS-04T098-00-0804L	★	★		★		★			★		4	0.6	27.3	0.4
4	0.00	0.8	4.0	0.1	17°	13.0	CXS-04T098-00-0804R	★	★		★		★			★		4	0.6	27.3	0.4
4	0.00	0.9	5.0	0.1	17°	13.0	CXS-04T098-00-0905L	★	★		★		★			★		4	0.7	27.3	0.4
4	0.00	0.9	5.0	0.1	17°	13.0	CXS-04T098-00-0905R	★	★		★		★			★		4	0.7	27.3	0.4
4	0.03	2.7	10.0	0.2	17°	13.0	CXS-04T098-03-2710L	★	★		★		★			★		4	2.1	27.3	1.2
4	0.03	2.7	10.0	0.2	17°	13.0	CXS-04T098-03-2710R	★	★		★		★			★		4	2.1	27.3	1.2
4	0.03	3.2	10.0	0.2	17°	13.0	CXS-04T098-03-3210L	★	★		★		★			★		4	2.6	27.3	1.5
4	0.03	3.2	10.0	0.2	17°	13.0	CXS-04T098-03-3210R	★	★		★		★			★		4	2.6	27.3	1.5
4	0.03	4.2	10.0	0.3	17°	13.0	CXS-04T098-03-4210L	★	★		★		★			★		4	3.5	27.3	2.0
4	0.03	4.2	10.0	0.3	17°	13.0	CXS-04T098-03-4210R	★	★		★		★			★		4	3.5	27.3	2.0
4	0.05	1.0	4.0	0.1	17°	12.0	CXS-04T098-05-1004L	★	★		★		★			★		4	0.7	26.3	0.5
4	0.05	1.0	4.0	0.1	17°	12.0	CXS-04T098-05-1004R	★	★		★		★			★		4	0.7	26.3	0.5
4	0.05	1.0	6.0	0.1	17°	12.0	CXS-04T098-05-1006L	★	★		★		★			★		4	0.7	26.3	0.5
4	0.05	1.0	6.0	0.1	17°	12.0	CXS-04T098-05-1006R	★	★		★		★			★		4	0.7	26.3	0.5
4	0.05	1.7	6.0	0.2	17°	12.0	CXS-04T098-05-1706L	★	★		★		★			★		4	1.1	26.3	0.7
4	0.05	1.7	6.0	0.2	17°	12.0	CXS-04T098-05-1706R	★	★		★		★			★		4	1.1	26.3	0.7
4	0.05	1.7	9.0	0.2	17°	12.0	CXS-04T098-05-1709L	★	★		★		★			★		4	1.1	26.3	0.7
4	0.05	1.7	9.0	0.2	17°	12.0	CXS-04T098-05-1709R	★	★		★		★			★		4	1.1	26.3	0.7
4	0.05	2.2	6.0	0.2	17°	12.0	CXS-04T098-05-2206L	★	★		★		★			★		4	1.6	26.3	1.0
4	0.05	2.2	6.0	0.2	17°	12.0	CXS-04T098-05-2206R	★	★		★		★			★		4	1.6	26.3	1.0
4	0.05	2.2	9.0	0.2	17°	12.0	CXS-04T098-05-2209L	★	★		★		★			★		4	1.6	26.3	1.0
4	0.05	2.2	9.0	0.2	17°	12.0	CXS-04T098-05-2209R	★	★		★		★			★		4	1.6	26.3	1.0
4	0.05	2.7	10.0	0.2	17°	13.0	CXS-04T098-05-2710L	★	★		★		★			★		4	2.1	27.3	1.2
4	0.05	2.7	10.0	0.2	17°	13.0	CXS-04T098-05-2710R	★	★		★		★			★		4	2.1	27.3	1.2
4	0.05	2.7	15.0	0.2	17°	18.0	CXS-04T098-05-2715L	★	★		★		★			★		4	2.1	32.3	1.2
4	0.05	2.7	15.0	0.2	17°	18.0	CXS-04T098-05-2715R	★	★		★		★			★		4	2.1	32.3	1.2
4	0.05	3.2	15.0	0.2	17°	18.0	CXS-04T098-05-3215L	★	★		★		★			★		4	2.6	32.3	1.5
4	0.05	3.2	15.0	0.2	17°	18.0	CXS-04T098-05-3215R	★	★		★		★			★		4	2.6	32.3	1.5
4	0.05	3.2	20.0	0.2	17°	23.0	CXS-04T098-05-3220L	★	★		★		★			★		4	2.6	37.3	1.5
4	0.05	3.2	20.0	0.2	17°	23.0	CXS-04T098-05-3220R	★	★		★		★			★		4	2.6	37.3	1.5
4	0.05	4.2	15.0	0.3	17°	18.0	CXS-04T098-05-4215L	★	★		★		★			★		4	3.5	32.3	2.0
4	0.05	4.2	15.0	0.3	17°	18.0	CXS-04T098-05-4215R	★	★		★		★			★		4	3.5	32.3	2.0
4	0.05	4.2	20.0	0.3	17°	23.0	CXS-04T098-05-4220L	★	★		★		★			★		4	3.5	37.3	2.0
4	0.05	4.2	20.0	0.3	17°	23.0	CXS-04T098-05-4220R	★	★		★		★			★		4	3.5	37.3	2.0
4	0.05	4.2	25.0	0.3	17°	28.0	CXS-04T098-05-4225L	★	★		★		★			★		4	3.5	42.3	2.0
4	0.05	4.2	25.0	0.3	17°	28.0	CXS-04T098-05-4225R	★	★		★		★			★		4	3.5	42.3	2.0
4	0.08	4.2	30.0	0.5	2°	38.0	CXS-04T098A08-4230R	★	★		★		★			★		4	3.6	38.0	2.0
4	0.10	1.0	4.0	0.1	17°	13.0	CXS-04T098-10-1004L	★	★		★		★			★		4	0.7	27.3	0.5
4	0.10	1.0	4.0	0.1	17°	13.0	CXS-04T098-10-1004R	★	★		★		★			★		4	0.7	27.3	0.5
4	0.10	1.0	6.0	0.1	17°	13.0	CXS-04T098-10-1006L	★	★		★		★			★		4	0.7	27.3	0.5
4	0.10	1.0	6.0	0.1	17°	13.0	CXS-04T098-10-1006R	★	★		★		★			★		4	0.7	27.3	0.5
4	0.10	1.7	6.0	0.2	17°	13.0	CXS-04T098-10-1706L	★	★		★		★			★		4	1.1	27.3	0.7
4	0.10	1.7	6.0	0.2	17°	13.0	CXS-04T098-10-1706R	★	★	★	★	★	★	★	★	★	★	4	1.1	27.3	0.7
4	0.10	1.7	9.0	0.2	17°	13.0	CXS-04T098-10-1709L	★	★		★		★			★		4	1.1	27.3	0.7
4	0.10	1.7	9.0	0.2	17°	13.0	CXS-04T098-10-1709R	★	★		★		★			★		4	1.1	27.3	0.7
4	0.10	2.2	6.0	0.2	17°	13.0	CXS-04T098-10-2206L	★	★		★		★			★		4	1.6	27.3	1.0
4	0.10	2.2	6.0	0.2	17°	13.0	CXS-04T098-10-2206R	★	★		★		★			★		4	1.6	27.3	1.0

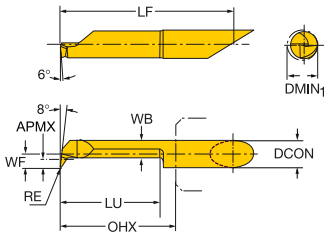
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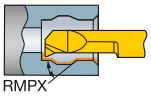
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CoroTurn® XS solid carbide tool for turning





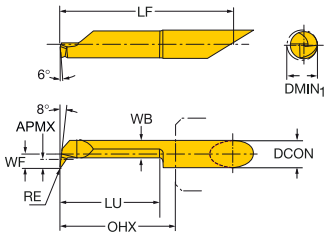


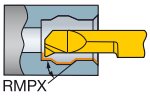
									P	M		N		S		H	O		Dimensions, mm			
	CZC_{MS}	RE	$DMIN_1$	LU	APMX	RMPX	OHX	Ordering code	1025	1025	H10F	1025	H10F	1025	H10F	7015	1025	H10F	DCON	WB	LF	WF
	4	0.10	2.2	9.0	0.2	17°	13.0	CXS-04T098-10-2209L	★	★		★		★			★		4	1.6	27.3	1.0
	4	0.10	2.2	9.0	0.2	17°	13.0	CXS-04T098-10-2209R	★	★	★	★	★	★	★	★	★	★	4	1.6	27.3	1.0
	4	0.10	2.2	13.0	0.2	17°	18.0	CXS-04T098-10-2213L	★	★		★		★			★		4	1.6	32.3	1.0
	4	0.10	2.2	13.0	0.2	17°	18.0	CXS-04T098-10-2213R	★	★		★		★			★		4	1.6	32.3	1.0
	4	0.15	3.2	12.0	0.2	17°	15.0	CXS-04T090-15-3212L	★	★		★		★			★		4	2.6	29.3	1.5
	4	0.15	3.2	12.0	0.2	17°	15.0	CXS-04T090-15-3212R	★	★		★		★			★		4	2.6	29.3	1.5
	4	0.15	4.2	15.0	0.3	17°	18.0	CXS-04T090-15-4215L	★	★		★		★			★		4	3.5	32.3	2.0
	4	0.15	4.2	15.0	0.3	17°	18.0	CXS-04T090-15-4215R	★	★		★		★			★		4	3.5	32.3	2.0
	4	0.15	2.7	10.0	0.2	17°	13.0	CXS-04T098-15-2710L	★	★		★		★			★		4	2.1	27.3	1.2
	4	0.15	2.7	10.0	0.2	17°	13.0	CXS-04T098-15-2710R	★	★		★		★		★	★		4	2.1	27.3	1.2
	4	0.15	2.7	15.0	0.2	17°	18.0	CXS-04T098-15-2715L	★	★		★		★			★		4	2.1	32.3	1.2
	4	0.15	2.7	15.0	0.2	17°	18.0	CXS-04T098-15-2715R	★	★		★		★			★		4	2.1	32.3	1.2
	4	0.15	3.2	10.0	0.2	17°	13.0	CXS-04T098-15-3210L	★	★		★		★			★		4	2.6	27.3	1.5
	4	0.15	3.2	10.0	0.2	17°	13.0	CXS-04T098-15-3210R	★	★	★	★	★	★	★		★	★	4	2.6	27.3	1.5
	4	0.15	3.2	15.0	0.2	17°	18.0	CXS-04T098-15-3215L	★	★		★		★			★		4	2.6	32.3	1.5
	4	0.15	3.2	15.0	0.2	17°	18.0	CXS-04T098-15-3215R	★	★		★		★		★	★		4	2.6	32.3	1.5
	4	0.15	3.2	20.0	0.2	17°	23.0	CXS-04T098-15-3220L	★	★		★		★			★		4	2.6	37.3	1.5
	4	0.15	3.2	20.0	0.2	17°	23.0	CXS-04T098-15-3220R	★	★		★		★			★		4	2.6	37.3	1.5
	4	0.15	3.7	15.0	0.2	17°	18.0	CXS-04T098-15-3715R								★			4	3.1	32.3	1.7
	4	0.15	4.2	10.0	0.3	17°	13.0	CXS-04T098-15-4210L	★	★		★		★			★		4	3.5	27.3	2.0
	4	0.15	4.2	10.0	0.3	17°	13.0	CXS-04T098-15-4210R	★	★		★		★		★	★		4	3.5	27.3	2.0
	4	0.15	4.2	15.0	0.3	17°	18.0	CXS-04T098-15-4215L	★	★		★		★			★		4	3.5	32.3	2.0
	4	0.15	4.2	15.0	0.3	17°	18.0	CXS-04T098-15-4215R	★	★		★		★		★	★		4	3.5	32.3	2.0
	4	0.15	4.2	20.0	0.3	17°	23.0	CXS-04T098-15-4220L	★	★		★		★			★		4	3.5	37.3	2.0
	4	0.15	4.2	20.0	0.3	17°	23.0	CXS-04T098-15-4220R	★	★		★		★		★	★		4	3.5	37.3	2.0
	4	0.15	4.2	25.0	0.3	17°	28.0	CXS-04T098-15-4225L	★	★		★		★			★		4	3.5	42.3	2.0
	4	0.15	4.2	25.0	0.3	17°	28.0	CXS-04T098-15-4225R	★	★		★		★		★	★		4	3.5	42.3	2.0
	4	0.15	4.2	10.3	0.5	0°	13.0	CXS-04T098A15-4210L	★	★		★		★			★		4	3.1	27.3	2.0
	4	0.15	4.2	10.3	0.5	0°	13.0	CXS-04T098A15-4210R	★	★		★		★			★		4	3.1	27.3	2.0
	4	0.15	4.2	20.3	0.5	0°	23.0	CXS-04T098A15-4220L	★	★		★		★			★		4	3.1	37.3	2.0
	4	0.15	4.2	20.3	0.5	0°	23.0	CXS-04T098A15-4220R	★	★		★		★			★		4	3.1	37.3	2.0
	4	0.15	4.2	25.3	0.5	0°	28.0	CXS-04T098A15-4225L	★	★		★		★			★		4	3.1	42.3	2.0
	4	0.15	4.2	25.3	0.5	0°	28.0	CXS-04T098A15-4225R	★	★		★		★			★		4	3.1	42.3	2.0
	4	0.15	4.2	20.0	0.8	44°	23.0	CXS-04TE98-15-4220L	★	★		★		★			★		4	3.0	37.3	2.0
	4	0.15	4.2	20.0	0.8	44°	23.0	CXS-04TE98-15-4220R	★	★	★	★	★	★	★		★	★	4	3.0	37.3	2.0
	4	0.20	4.2	15.3	0.3	0°	18.0	CXS-04T098A20-4215L	★	★		★		★			★		4	3.1	32.3	2.0
	4	0.20	4.2	15.3	0.3	0°	18.0	CXS-04T098A20-4215R	★	★		★		★			★		4	3.1	32.3	2.0
	5	0.05	5.2	20.0	0.5	17°	23.0	CXS-05T098-05-5220L	★	★		★		★			★		5	4.3	42.3	2.5
	5	0.05	5.2	20.0	0.5	17°	23.0	CXS-05T098-05-5220R	★	★		★		★			★		5	4.3	42.3	2.5
	5	0.05	5.2	30.0	0.5	17°	33.0	CXS-05T098-05-5230L	★	★		★		★			★		5	4.3	52.3	2.5
	5	0.05	5.2	30.0	0.5	17°	33.0	CXS-05T098-05-5230R	★	★		★		★			★		5	4.3	52.3	2.5
	5	0.08	5.2	40.0	0.5	2°	48.0	CXS-05T098A08-5240R	★	★		★		★			★		5	4.6	48.0	2.5
	5	0.15	5.2	25.0	1.0	44°	28.0	CXS-05TE98-15-5225L	★	★		★		★			★		5	3.8	47.3	2.5
	5	0.15	5.2	25.0	1.0	44°	28.0	CXS-05TE98-15-5225R	★	★		★		★			★		5	3.8	47.3	2.5
	5	0.20	5.2	10.0	0.5	17°	13.0	CXS-05T090-20-5210L	★	★		★		★			★		5	4.2	32.3	2.5
	5	0.20	5.2	10.0	0.5	17°	13.0	CXS-05T090-20-5210R	★	★		★		★			★		5	4.2	32.3	2.5
	5	0.20	5.2	15.0	0.5	17°	18.0	CXS-05T090-20-5215L	★	★		★		★			★		5	4.2	37.3	2.5
	5	0.20	5.2	15.0	0.5	17°	18.0	CXS-05T090-20-5215R	★	★		★		★			★		5	4.2	37.3	2.5
	5	0.20	5.2	20.0	0.5	17°	23.0	CXS-05T090-20-5220L	★	★		★		★			★		5	4.2	42.3	2.5
	5	0.20	5.2	20.0	0.5	17°	23.0	CXS-05T090-20-5220R	★	★		★		★			★		5	4.2	42.3	2.5
	5	0.20	5.2	10.0	0.5	17°	13.0	CXS-05T098-20-5210L	★	★		★		★			★		5	4.3	32.3	2.5
	5	0.20	5.2	10.0	0.5	17°	13.0	CXS-05T098-20-5210R	★	★		★		★		★	★		5	4.3	32.3	2.5
	5	0.20	5.2	20.0	0.5	17°	23.0	CXS-05T098-20-5220L	★	★		★		★			★		5	4.3	42.3	2.5
	5	0.20	5.2	20.0	0.5	17°	23.0	CXS-05T098-20-5220R	★	★		★		★		★	★		5	4.3	42.3	2.5
	5	0.20	5.2	25.0	0.5	17°	28.0	CXS-05T098-20-5225L	★	★		★		★			★		5	4.3	47.3	2.5
	5	0.20	5.2	25.0	0.5	17°	28.0	CXS-05T098-20-5225R	★	★		★		★		★	★		5	4.3	47.3	2.5
	5	0.20	5.2	30.0	0.5	17°	33.0	CXS-05T098-20-5230L	★	★		★		★			★		5	4.3	52.3	2.5

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CoroTurn® XS solid carbide tool for turning







CZC$_{MS}$	RE	DMIN$_1$	LU	APMX	RMPX	OHX	Ordering code	P	M		N		S		H	O		Dimensions, mm			
								1025	1025	H10F	1025	H10F	1025	H10F	7015	1025	H10F	DCON	WB	LF	WF
5	0.20	5.2	30.0	0.5	17°	33.0	CXS-05T098-20-5230R	★	★		★		★		★	★		5	4.3	52.3	2.5
5	0.20	5.2	35.0	0.5	17°	38.0	CXS-05T098-20-5235L	★	★		★		★			★		5	4.3	57.3	2.5
5	0.20	5.2	35.0	0.5	17°	38.0	CXS-05T098-20-5235R	★	★		★		★			★		5	4.3	57.3	2.5
5	0.20	5.2	40.0	0.5	17°	43.0	CXS-05T098-20-5240L	★	★		★		★			★		5	4.3	62.3	2.5
5	0.20	5.2	40.0	0.5	17°	43.0	CXS-05T098-20-5240R	★	★		★		★			★		5	4.3	62.3	2.5
5	0.20	5.2	10.2	0.6	0°	13.0	CXS-05T098A20-5210L	★	★		★		★			★		5	4.8	32.3	2.5
5	0.20	5.2	10.2	0.6	0°	13.0	CXS-05T098A20-5210R	★	★		★		★			★		5	4.8	32.3	2.5
5	0.20	5.2	15.0	0.5	0°	18.0	CXS-05T098A20-5215L	★	★		★		★			★		5	4.3	37.3	2.5
5	0.20	5.2	15.0	0.5	0°	18.0	CXS-05T098A20-5215R	★	★		★		★			★		5	4.3	37.3	2.5
5	0.20	5.2	20.3	0.6	0°	23.0	CXS-05T098A20-5220L	★	★		★		★			★		5	4.8	42.3	2.5
5	0.20	5.2	20.3	0.6	0°	23.0	CXS-05T098A20-5220R	★	★		★		★			★		5	4.8	42.3	2.5
5	0.20	5.2	25.4	0.5	0°	28.0	CXS-05T098A20-5225L	★	★		★		★			★		5	4.8	47.3	2.5
5	0.20	5.2	25.4	0.5	0°	28.0	CXS-05T098A20-5225R	★	★		★		★			★		5	4.8	47.3	2.5
5	0.20	5.2	30.5	0.6	0°	33.0	CXS-05T098A20-5230L	★	★		★		★			★		5	4.8	52.3	2.5
5	0.20	5.2	30.5	0.6	0°	33.0	CXS-05T098A20-5230R	★	★		★		★			★		5	4.8	52.3	2.5
6	0.05	6.2	20.0	0.5	17°	23.0	CXS-06T098-05-6220L	★	★		★		★			★		6	5.3	42.3	3.0
6	0.05	6.2	20.0	0.5	17°	23.0	CXS-06T098-05-6220R	★	★		★		★			★		6	5.3	42.3	3.0
6	0.08	6.2	45.0	0.5	2°	53.0	CXS-06T098A08-6245R	★	★		★		★			★		6	5.5	53.0	3.0
6	0.15	6.2	30.0	1.8	44°	33.0	CXS-06TE98-15-6230L	★	★		★		★			★		6	4.0	52.3	3.0
6	0.15	6.2	30.0	1.8	44°	33.0	CXS-06TE98-15-6230R	★	★	★	★	★	★	★		★	★	6	4.0	52.3	3.0
6	0.20	6.2	15.0	0.5	17°	18.0	CXS-06T098-20-6215L	★	★		★		★			★		6	5.3	37.3	3.0
6	0.20	6.2	15.0	0.5	17°	18.0	CXS-06T098-20-6215R	★	★		★		★		★	★		6	5.3	37.3	3.0
6	0.20	6.2	20.0	0.5	17°	23.0	CXS-06T098-20-6220L	★	★		★		★			★		6	5.3	42.3	3.0
6	0.20	6.2	20.0	0.5	17°	23.0	CXS-06T098-20-6220R	★	★	★	★	★	★	★	★	★	★	6	5.3	42.3	3.0
6	0.20	6.2	25.0	0.5	17°	28.0	CXS-06T098-20-6225L	★	★		★		★			★		6	5.3	47.3	3.0
6	0.20	6.2	25.0	0.5	17°	28.0	CXS-06T098-20-6225R	★	★		★		★		★	★		6	5.3	47.3	3.0
6	0.20	6.2	30.0	0.5	17°	33.0	CXS-06T098-20-6230L	★	★		★		★			★		6	5.3	52.3	3.0
6	0.20	6.2	30.0	0.5	17°	33.0	CXS-06T098-20-6230R	★	★		★		★		★	★		6	5.3	52.3	3.0
6	0.20	6.2	35.0	0.5	17°	38.0	CXS-06T098-20-6235L	★	★		★		★			★		6	5.3	57.3	3.0
6	0.20	6.2	35.0	0.5	17°	38.0	CXS-06T098-20-6235R	★	★		★		★			★		6	5.3	57.3	3.0
6	0.20	6.2	40.0	0.5	17°	43.0	CXS-06T098-20-6240L	★	★		★		★			★		6	5.3	62.3	3.0
6	0.20	6.2	40.0	0.5	17°	43.0	CXS-06T098-20-6240R	★	★		★		★		★	★		6	5.3	62.3	3.0
6	0.20	6.2	15.2	0.8	0°	18.0	CXS-06T098A20-6215L	★	★		★		★			★		6	5.7	37.3	3.0
6	0.20	6.2	15.2	0.8	0°	18.0	CXS-06T098A20-6215R	★	★		★		★			★		6	5.7	37.3	3.0
6	0.20	6.2	20.3	0.8	0°	23.0	CXS-06T098A20-6220L	★	★		★		★			★		6	5.7	42.3	3.0
6	0.20	6.2	20.3	0.8	0°	23.0	CXS-06T098A20-6220R	★	★		★		★			★		6	5.7	42.3	3.0
6	0.20	6.2	25.4	0.8	0°	28.0	CXS-06T098A20-6225L	★	★		★		★			★		6	5.7	47.3	3.0
6	0.20	6.2	25.4	0.8	0°	28.0	CXS-06T098A20-6225R	★	★		★		★			★		6	5.7	47.3	3.0
6	0.20	6.2	30.5	0.5	0°	33.0	CXS-06T098A20-6230L	★	★		★		★			★		6	5.7	52.3	3.0
6	0.20	6.2	30.5	0.5	0°	33.0	CXS-06T098A20-6230R	★	★		★		★			★		6	5.7	52.3	3.0
6	0.20	6.2	40.0	0.5	0°	43.0	CXS-06T098A20-6240L	★	★		★		★			★		6	5.3	62.3	3.0
6	0.20	6.2	40.0	0.5	0°	43.0	CXS-06T098A20-6240R	★	★		★		★			★		6	5.3	62.3	3.0

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

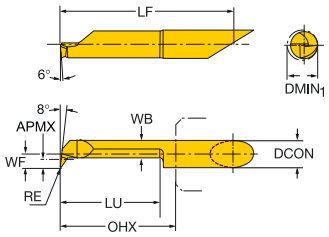
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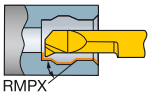
SANDVIK Coromant

ENG

CoroTurn® XS solid carbide tool for turning





	CZC$_{MS}$	RE	DMIN$_1$	LU	APMX	RMPX	OHX	Ordering code	P	M		N		S		H	O		Dimensions, mm			
									1025	1025	H10F	1025	H10F	1025	H10F	7015	1025	H10F	DCON	WB	LF	WF
 RMPX	7	0.08	7.2	55.0	0.5	2°	63.0	CXS-07T098A08-7255R	★	★		★		★			★		7	6.5	63.0	3.5
	7	0.20	7.2	25.0	0.5	17°	28.0	CXS-07T098-20-7225L	★	★		★		★			★		7	6.3	47.3	3.5
	7	0.20	7.2	25.0	0.5	17°	28.0	CXS-07T098-20-7225R	★	★	★	★	★	★	★	★	★	★	7	6.3	47.3	3.5
	7	0.20	7.2	30.0	0.5	17°	33.0	CXS-07T098-20-7230L	★	★		★		★			★		7	6.3	52.3	3.5
	7	0.20	7.2	30.0	0.5	17°	33.0	CXS-07T098-20-7230R	★	★		★		★		★	★		7	6.3	52.3	3.5
	7	0.20	7.2	40.0	0.5	17°	43.0	CXS-07T098-20-7240L	★	★		★		★			★		7	6.3	62.3	3.5
	7	0.20	7.2	40.0	0.5	17°	43.0	CXS-07T098-20-7240R	★	★		★		★		★	★		7	6.3	62.3	3.5
	7	0.20	7.2	45.0	0.5	17°	48.0	CXS-07T098-20-7245L	★	★		★		★			★		7	6.3	67.3	3.5
	7	0.20	7.2	45.0	0.5	17°	48.0	CXS-07T098-20-7245R	★	★		★		★			★		7	6.3	67.3	3.5
	7	0.20	7.2	50.0	0.5	17°	53.0	CXS-07T098-20-7250L	★	★		★		★			★		7	6.3	72.3	3.5
	7	0.20	7.2	50.0	0.5	17°	53.0	CXS-07T098-20-7250R	★	★		★		★		★	★		7	6.3	72.3	3.5
	7	0.20	7.2	25.4	0.9	0°	28.0	CXS-07T098A20-7225L	★	★		★		★			★		7	6.7	47.3	3.5
	7	0.20	7.2	25.4	0.9	0°	28.0	CXS-07T098A20-7225R	★	★		★		★			★		7	6.7	47.3	3.5
	7	0.20	7.2	30.5	0.9	0°	33.0	CXS-07T098A20-7230L	★	★		★		★			★		7	6.7	52.3	3.5
	7	0.20	7.2	30.5	0.9	0°	33.0	CXS-07T098A20-7230R	★	★		★		★			★		7	6.7	52.3	3.5
	7	0.20	7.2	40.6	0.5	0°	43.0	CXS-07T098A20-7240L	★	★		★		★			★		7	6.7	62.3	3.5
	7	0.20	7.2	40.6	0.5	0°	43.0	CXS-07T098A20-7240R	★	★		★		★			★		7	6.7	62.3	3.5
	7	0.20	7.2	40.0	2.5	44°	43.0	CXS-07TE98-20-7240L	★	★		★		★			★		7	6.3	62.3	4.2
	7	0.20	7.2	40.0	2.5	44°	43.0	CXS-07TE98-20-7240R	★	★		★		★			★		7	6.3	62.3	4.2

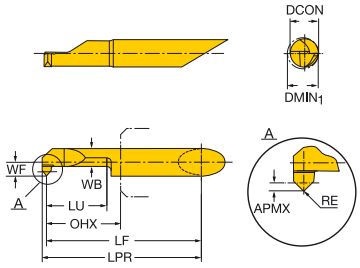
CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

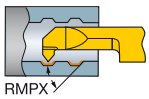
R = Right hand, L = Left hand

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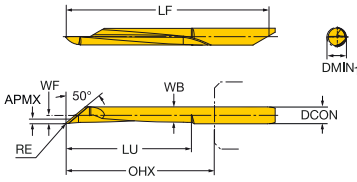
CoroTurn® XS solid carbide tool for turning

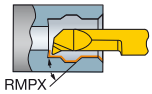




	CZC$_{MS}$	RE	DMIN$_1$	LU	APMX	RMPX	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm DCON	WB	LPR	LF	WF
	5	0.20	5.2	15.0	0.7	42°	17.0	CXS-05T045-20-5215L	★	★	★	★	★	5	3.8	37.3	36.3	2.5
	5	0.20	5.2	15.0	0.7	42°	17.0	CXS-05T045-20-5215R	★	★	★	★	★	5	3.8	37.3	36.3	2.5
	5	0.20	5.2	20.0	0.7	42°	22.0	CXS-05T045-20-5220L	★	★	★	★	★	5	3.8	42.3	41.3	2.5
	5	0.20	5.2	20.0	0.7	42°	22.0	CXS-05T045-20-5220R	★	★	★	★	★	5	3.8	42.3	41.3	2.5
	6	0.20	6.2	20.0	0.7	42°	22.0	CXS-06T045-20-6220L	★	★	★	★	★	6	4.0	42.3	41.3	3.0
	6	0.20	6.2	20.0	0.7	42°	22.0	CXS-06T045-20-6220R	★	★	★	★	★	6	4.0	42.3	41.3	3.0
	6	0.20	6.2	25.0	0.7	42°	27.0	CXS-06T045-20-6225L	★	★	★	★	★	6	4.0	47.3	46.3	3.0
	6	0.20	6.2	25.0	0.7	42°	27.0	CXS-06T045-20-6225R	★	★	★	★	★	6	4.0	47.3	46.3	3.0
	7	0.20	7.2	20.0	0.7	42°	22.0	CXS-07T045-20-7220L	★	★	★	★	★	7	4.3	42.3	41.3	3.5
	7	0.20	7.2	20.0	0.7	42°	22.0	CXS-07T045-20-7220R	★	★	★	★	★	7	4.3	42.3	41.3	3.5
	7	0.20	7.2	40.0	0.7	42°	42.0	CXS-07T045-20-7240L	★	★	★	★	★	7	4.3	62.3	61.3	3.5
	7	0.20	7.2	40.0	0.7	42°	42.0	CXS-07T045-20-7240R	★	★	★	★	★	7	4.3	62.3	61.3	3.5





	CZC$_{MS}$	RE	DMIN$_1$	LU	APMX	RMPX	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm 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
	5	0.05	5.2	40.0	0.1	2°	CXS-05T140A05-5240R	★	★	★	★	★	5	4.6	48.0	48.0	2.5
	6	0.05	6.2	45.0	0.1	2°	CXS-06T140A05-6245R	★	★	★	★	★	6	5.5	53.0	53.0	3.0
	7	0.05	7.2	55.0	0.1	2°	CXS-07T140A05-7255R	★	★	★	★	★	7	6.5	63.0	63.0	3.5

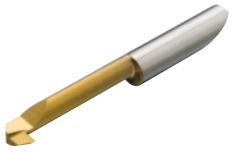
CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

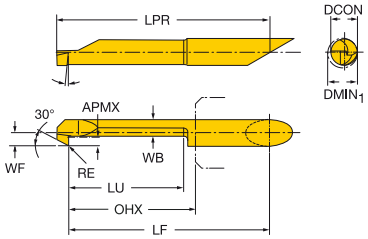
R = Right hand, L = Left hand

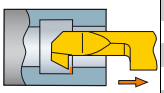
F2 B119 B131 H36

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CoroTurn® XS solid carbide tool for back boring





	CZC_{MS}	RE	$DMIN_1$	LU	APMX	RMPX	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm DCON	WB	LPR	LF	WF
	4	0.15	4.2	23.4	0.8	27°	26.0	CXS-04B090-15-4225R	★	★	★	★	★	4	2.6	42.3	40.3	2.0
	5	0.15	5.2	28.5	1.0	27°	31.0	CXS-05B090-15-5230R	★	★	★	★	★	5	3.8	52.3	50.3	2.5
	6	0.15	6.2	28.5	1.8	27°	31.0	CXS-06B090-15-6230R	★	★	★	★	★	6	4.0	52.3	50.3	3.0
	7	0.15	7.2	27.5	2.5	27°	30.0	CXS-07B090-15-7230R	★	★	★	★	★	7	4.3	52.3	49.3	3.5

CZC_{MS} to correspond with CZC_{WS} on adaptor.

R = Right hand

F2 B119 B131 H36

CoroCut® XS

For external machining of small and slender components

B

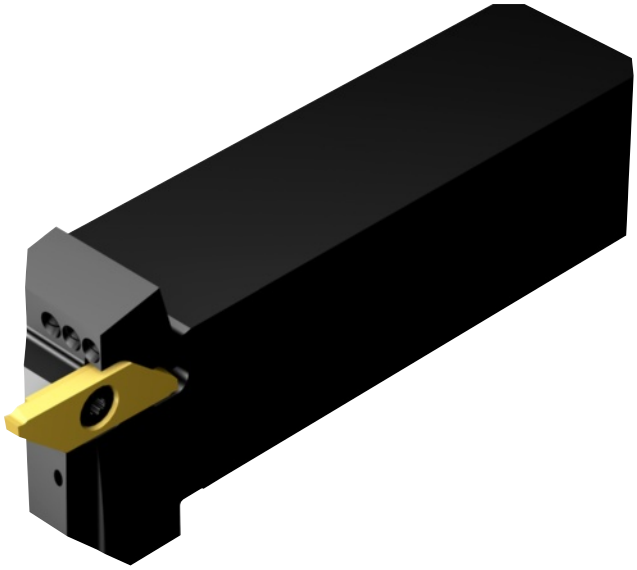
Application

- Parting off
- External threading
- External grooving
- Turning

C

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 maintain the tool holder intact in case of insert breakage.
- Available with precision coolant

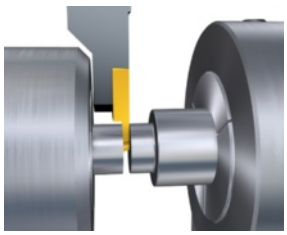
D

E

www.sandvik.coromant.com/corocutxs

Holders

Dedicated holders for parting off close to sub spindle are available in high precision square shank style.



F

Inserts

G

Turning	Back turning	Parting off	Grooving	Profiling	Threading
					
A261	A261	B81	B101	B105	C56

Tools

QS™ shank tools	CoroTurn® SL cutting heads
	
B83	B84

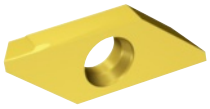
H

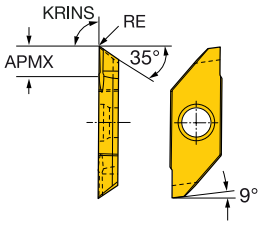
Right hand style shown unless otherwise stated

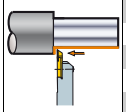
ENG

CoroCut® XS insert for turning

Turning, front turning

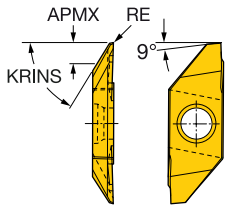


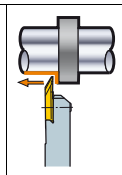


		SSC	S	RE	APMX	ISO CODE	P 1025	P 1105	M 1025	M 1105	K 1025	K H13A	N 1025	N 1105	N H13A	S 1025	S 1105	S H13A
Finishing		3	3.18	0.03	4.0	MAFR/L 3 003	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			3.18	0.05	4.0	MAFR/L 3 005	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			3.18	0.10	4.0	MAFR/L 3 010	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			3.18	0.20	4.0	MAFR/L 3 020	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆

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	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			3.18	0.05	4.0	MABR/L 3 005	☆	★	☆	★	☆	☆	☆	★	☆	☆	★	☆
			3.18	0.10	4.0	MABR/L 3 010	☆	★	☆	★	★	☆	☆	★	☆	☆	★	☆
			3.18	0.20	4.0	MABR/L 3 020	☆	★	☆	★	☆	☆	☆	★	☆	☆	★	☆

SSC = To correspond with SSC on tool.

R = Right hand, L = Left hand

B83 B120 B131 H36

Cutting speed recommendations

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		Cast iron	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
		Grey 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

ENG

Cutting speed recommendations

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

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		
		Aluminium 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)
		Aluminium 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)
		Aluminium 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 alloys					
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)		Rm3)			
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		Non-ferrous 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	-	-	-

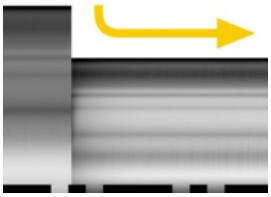
1) The cutting speeds, shown in the table, are valid for all feeds within the feed range.
2) 45–60° entering angle, positive cutting geometry and coolant should be used.
3) Rm = ultimate tensile strength measured in MPa.

Cutting speed recommendations

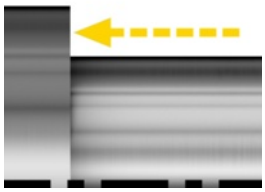
							TOUGHNESS >>>>
H13A							
0.15-0.8							
1 900 (2400-240)1) 1 900 (2400-240)1)							
1 900 (2400-240)1) 1 900 (2400-240)1)							
400 (500-50)1) 250 (315-31)1)							
450 (560-55)1) 450 (560-55)1) 270 (340-34)1)							
							TOUGHNESS >>>>
CC650	**CC670**	**S05F**	**GC1105**	**GC1115**	**GC1125**	**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	
				0.1-0.3-0.5		0.1-0.3-0.5	
- - -	- - -	- - -	- - -	185-155-130 80-65-50 75-55-45	- - -	50-40-30 40-30-20 25-20-15	
							TOUGHNESS >>>>
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 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	EBW	SFW	EFW
f_n min	0.20	0.20	0.10	0.10
f_n rec	0.40	0.40	0.20	0.20
f_n max	0.50	0.50	0.25	0.25
a_p min	0.25	0.25	0.25	0.25
a_p rec	1.50	1.50	1.00	1.00
a_p max	3.00	2.50	1.50	1.50
KAPR	30°	25°	115°	120°
RMPX	15°	10°	15°	10°
D min3		30		0

Cutting speed

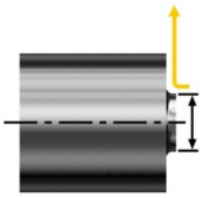
Material	v_c m/min
P	250-350
M	100-250
S	40-120

B-type inserts with rigid clamp design on holder

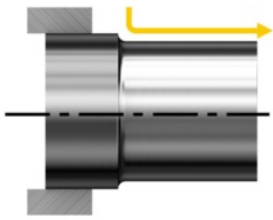


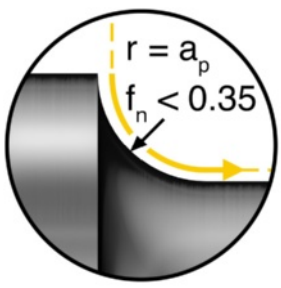
	SBW	EBW	SFW	EFW
f_n min	0.30	0.30	0.20	0.20
f_n rec	0.60	0.60	0.35	0.30
f_n max	1.20	1.20	0.60	0.60
a_p min	0.50	0.50	0.50	0.50
a_p rec	2.00	1.00	2.00	2.00
a_p max	4.00	1.50	3.00	3.00
KAPR	25°	25°	95°	95°
RMPX	23°	23°	23°	23°
D min3		40		0

Minimum diameter


*D*min 3

Feed reduction and radial entry required





ENG

Recommended depth of cut and cutting feed

T-Max® P insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/r		
	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/r		
	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

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/r		
	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/r		
	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

ENG

Recommended depth of cut and cutting feed

T-Max® P insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/r		
	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/r		
	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

T-Max® P insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/r		
	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 a_p = mm			Cutting feed f_n = mm/r		
	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

ENG

Recommended depth of cut and cutting feed

T-Max® P insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/r		
	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/r		
	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

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/r		
	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/r		
	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

ENG

Recommended depth of cut and cutting feed

CoroTurn® 107 insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/r		
	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/r		
	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

CoroTurn® 107 insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/r		
	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/r		
	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

ENG

Recommended depth of cut and cutting feed

CoroTurn® 107 insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/r		
	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/r		
	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

CoroTurn® 107 insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/r		
	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/r		
	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

ENG

Recommended depth of cut and cutting feed

T-Max® insert for turning

Insert	Depth of cut a_p = mm			Cutting feed f_n = mm/r		
	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/r		
	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

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 higher metal removal rate is needed in medium to rough steel applications. Is 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 intermittence 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 aluminium oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminium 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)]

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, 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 continous and light interruptions in 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 feedrate or medium cutting speed.

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 aluminium oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminium 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)]

Boron nitride:

BN Polycrystalline boron nitride[1)]

[1)] Polycrystalline diamond and polycrystalline boron nitride are also named superhard cutting materials.

Grades for general turning

Cast iron, chilled cast iron, short chipping malleable iron.

Basic grades



GC3210 (HC) – K10 (K01-K20)
A CVD coated cemented carbide grade. To be 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. To be used in average to difficult machining conditions in all cast iron materials. A grade suitable for light to heavy interupted cuts.



CC6190 (CN) – K10 (K05 – K15)
Pure silicon nitride based ceramic. To be used in high speed roughing to finishing of cast irons under good conditions. Is able to handle some interruptions.

Complementary grades



H13A (HW) – K20 (K10-K30)
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 grey cast iron under continuous as well as interrupted conditions.



CC650 (CM) – K01 (K01-K05)
Mixed Al2O3-based ceramic. Recommended for high speed finishing of grey cast irons and hardened cast irons under stable conditions.



CB7925 (BN) - K05 (K01-K10)
A cubic boron nitride grade. Suited for both machining in grey 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 aluminium oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminium 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)]

Boron nitride:

BN Polycrystalline boron nitride[1)]

[1)] Polycrystalline diamond and polycrystalline boron nitride are also named superhard cutting materials.

ENG

Grades for general turning

N **Non ferrous metals**

Basic grades

H10 (HW) – N15 (N01-N25)
Uncoated carbide grade. For rough to finish turning of aluminum alloys.

CD05 – N01 (N01-N10)
A polycristalline 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)
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 aluminium oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminium 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)]

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 and super alloys

Basic grades

CC6160 (CA) - S10 (S05-S20)
A SiAlON based ceramic grade. Ideal for pocketing and profiling of difficult-to-machine heat resistan 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 under 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)
Mixed Al_2O_3-based ceramic. To be 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)
Uncoated carbide grade for moderate to low speeds.

S Titanium alloys

Basic grades

H13A (HW) – S15 (S10-S30)
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 aluminium oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminium 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)]

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. To be 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 aluminium oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminium 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:

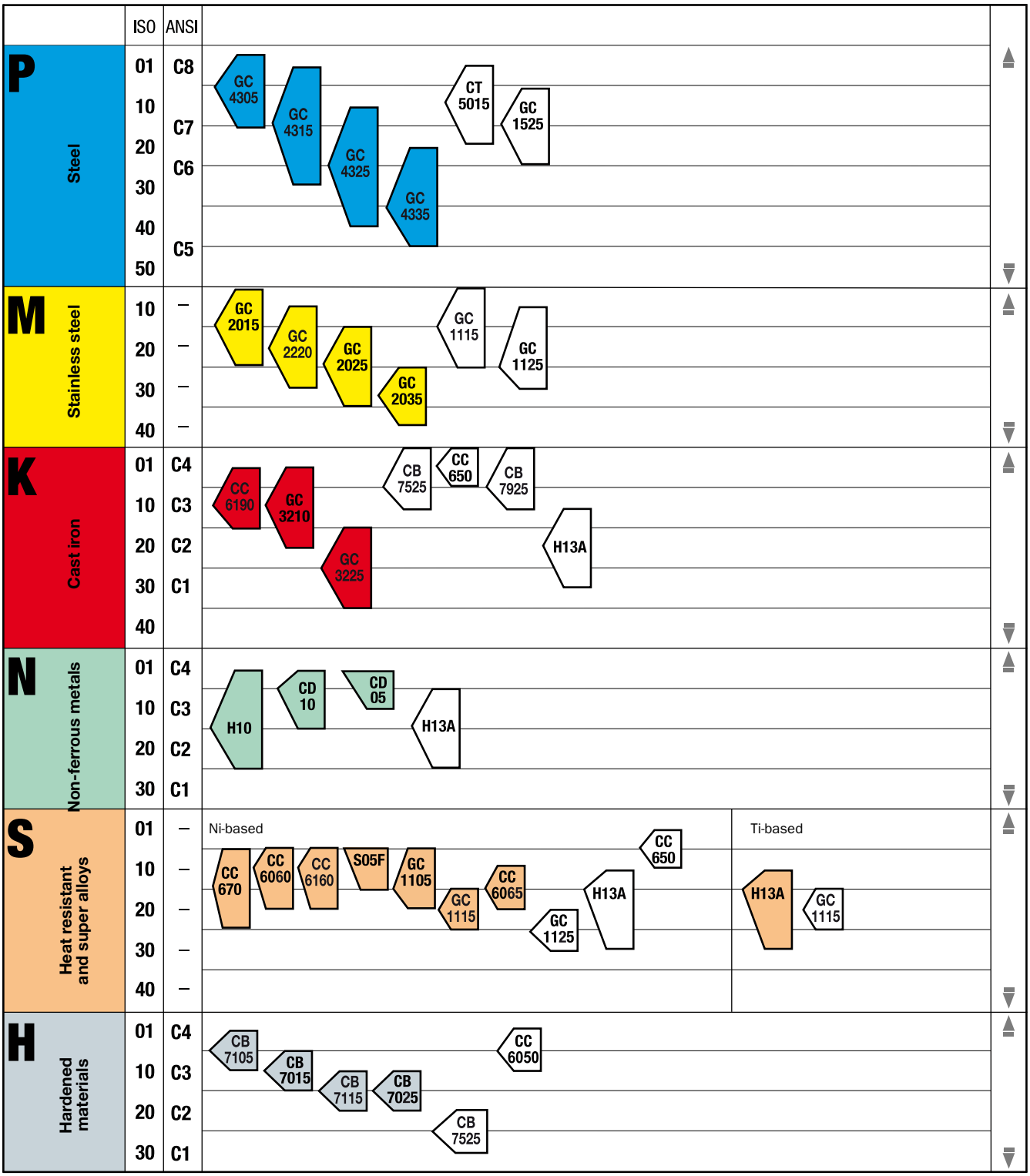
DP Polycrystalline diamond[1)]

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.

Centre of the field of application.

Recommended field of application.

Wear resistance

Toughness

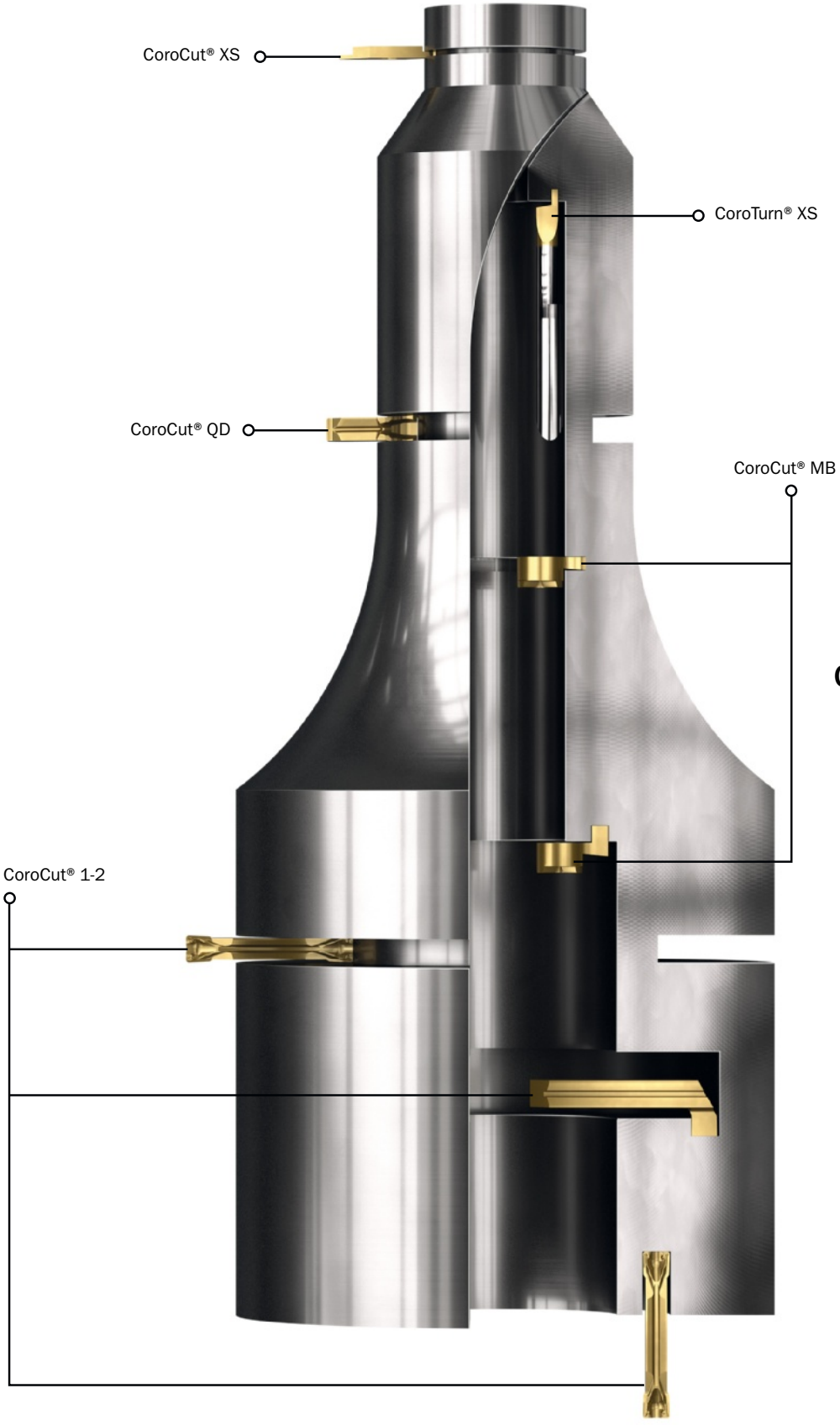
= Basic grades

= Complementary grades

SANDVIK Coromant

Parting and grooving

		External grooving		Internal grooving		Face grooving	
		CW	CDX	DMIN	CDX	DAXIN	CDX
CoroCut® 1-2	2-edged grooving, face grooving and profiling	1.5-15 mm	7-120 mm	25-60 mm	5-13 mm	Ø34 mm	12-28 mm
CoroCut® QD	For parting off and deep grooving	1-8 mm	10-80 mm				
CoroCut® 3	Narrow 3-edged external grooving	0.5-3.18 mm	<6.4 mm				
CoroCut® XS	External grooving and face grooving of small diameters	0.5-2.5 mm	<8.5 mm				
CoroTurn® XS	Internal grooving and face grooving of small diameters			4.2-8 mm	0.8-2.5 mm	Ø1-8 mm	2-30 mm
CoroCut® MB	For internal grooving and face grooving with high precision			10-20 mm	2-8 mm	Ø6-12 mm	1.5-10 mm
T-Max® Q-Cut	Internal grooving and face grooving			12-50 mm	2-8 mm	Ø16 mm	9-20 mm
CoroThread® 266	For demanding external and internal grooving operations	1.1-4.15 mm	<2.6 mm	20-25 mm	1.3-2.6 mm		



CoroCut® 1-2 B4

Overview B5
Inserts B6-B24
External tools B25-B46

Internal tools B47-B50

CoroCut® QD B51

Overview B52
Inserts B53-B56
External tools B57-B70

CoroCut® 3 B71

Overview B72
Inserts B73-B76
External tools B77-B79

CoroCut® XS B80

Inserts B81-B82
External tools B83-B84

T-Max® Q-Cut B85

Inserts B86-B87
External tools B88-B90

Internal tools B91-B95

CoroThread® 266 B96

Inserts B97
Internal tools B98

CoroTurn® XS B99

Cutting tools B100-B105
Adaptors F2

CoroCut® MB B106

Cutting tools B107-B112
Adaptors F2

CoroCut® 1-2

Parting, profiling and grooving operations

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 adaptors 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

- Geometries and grades for all applications and feeds
- Insert grades in advanced cutting materials PCD and CBN
- Wiper inserts for excellent surface finish

F

Tools

- Coromant Capto® cutting units
- Shank tools
- QS™ shanks
- Parting blades
- Boring bars
- CoroTurn® SL heads

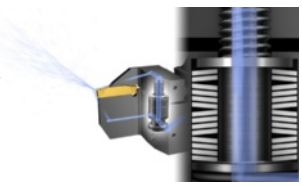
G

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.



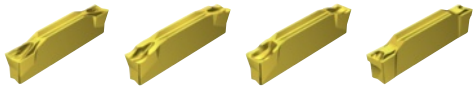
Right hand style shown unless otherwise stated

H

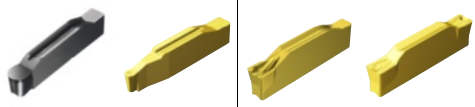
B5 B5 B5 H35

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
Page	B6	B7	B8	B9	B10	B12	B13	B13	B15

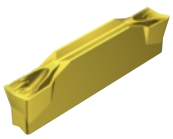
	Grooving Hardened materials	Profiling						
								
	123-S	**123-RO**	**123-RM**	**123-AM**	**123-RS**	**123-RE**	**123-RO**	**123-RS**
Insert width, mm	3.00-8.00	2.00-8.00	3.00-8.00	6.00-8.00	3.00-8.00	2.00-8.00	2.00-4.00	2.00-4.00
Page	B14	B18	B20	B21	B22	B23	B24	B24

	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
Page	B22	B23	B16	B17

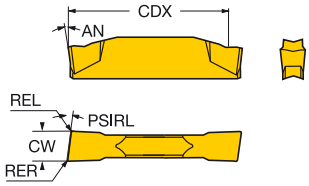
Tools

					
Tool holding	**Parting and grooving**	**Parting**	**Grooving**	**Face grooving**	**Profiling**
Coromant Capto®	B25-B27			B38	
Blade		B33-B34			
Shank	B28-B31		B35	B39-B40	B44
QS Shank	B32			B41	
SL external cutting head			B36-B37	B42-B43	B45-B46
SL internal cutting head			B47		
Boring bar internal			B48-B49		B50

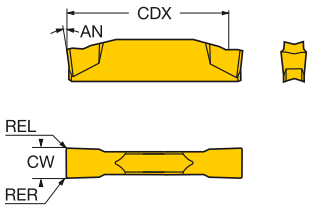
CoroCut® 1-2 insert for parting



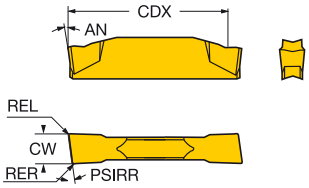
L123x2-CF



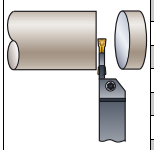
N123x2-CF



R123x2-CF



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 AN
Finishing		F	2.5	0.15	0.15	18.4	5°		L123F2-0250-0501-CF		★	☆				★	☆		★	☆				★	☆			☆	★		7°
		G	3.0	0.15	0.15	18.3	5°		L123G2-0300-0501-CF		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
		H	4.0	0.15	0.15	23.2	5°		L123H2-0400-0501-CF		★					★			★					★				★			7°
		F	2.5	0.10	0.10	18.4			N123F2-0250-0001-CF	☆	★	☆	☆		☆	☆	☆	★	★	☆		☆	★	☆	☆	☆	★	☆	☆	☆	7°
		G	3.0	0.10	0.10	18.4			N123G2-0300-0001-CF	☆	★	☆	☆	☆	☆	☆	☆	★	★	☆		☆	★	☆	☆	☆	★	☆	☆	☆	7°
		H	4.0	0.15	0.15	23.3			N123H2-0400-0001-CF	☆	★	☆	☆		☆	☆	☆	★	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	☆	7°
		F	2.5	0.15	0.15	18.4		5°	R123F2-0250-0501-CF		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
		G	3.0	0.15	0.15	18.3		5°	R123G2-0300-0501-CF		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
		H	4.0	0.15	0.15	23.2		5°	R123H2-0400-0501-CF		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°

SSC = To correspond with SSC on holder.

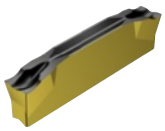
N = Neutral, R = Right hand, L = Left hand

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
L123x2-CF	0.000	0.100	-0.10	0.10
N123x2-CF	0.000	0.100	-0.10	0.10
R123x2-CF	0.000	0.100	-0.10	0.10

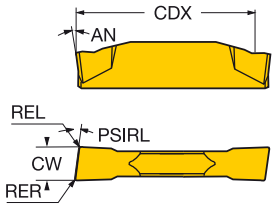
B5 B114 B131 B121 H36 H35 H17 H4

ENG

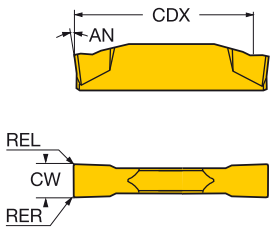
CoroCut® 1-2 insert for parting



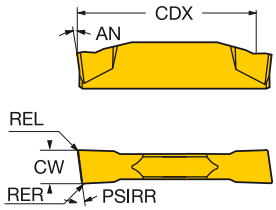
L123x2-CM



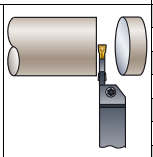
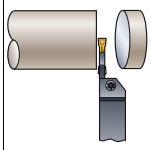
N123x2-CM



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 AN
Medium		E	2.0	0.20	0.20	19.0	5°		L123E2-0200-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
		F	2.5	0.20	0.20	18.9	5°		L123F2-0250-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
		G	3.0	0.20	0.20	18.8	5°		L123G2-0300-0502-CM		★	☆	☆			☆	☆	★	★	☆	☆	☆		★	☆	☆		☆	★	☆	7°
		H	4.0	0.20	0.20	24.1	5°		L123H2-0400-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		★	★	☆	7°
		J	5.0	0.20	0.20	24.1	5°		L123J2-0500-0502-CM		★		☆			☆		★	★					★		☆		★		☆	7°
		E	2.0	0.20	0.20	19.0		5°	R123E2-0200-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
		F	2.5	0.20	0.20	18.9		5°	R123F2-0250-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
		G	3.0	0.20	0.20	18.8		5°	R123G2-0300-0502-CM		★	☆	☆			☆	☆	★	★	☆	☆	☆		★	☆	☆		☆	★	☆	7°
		H	4.0	0.20	0.20	24.1		5°	R123H2-0400-0502-CM		★	☆	☆			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
		J	5.0	0.20	0.20	24.1		5°	R123J2-0500-0502-CM		★		☆			☆		★	★					★		☆		★		☆	7°
		D	1.5	0.20	0.20	12.9			N123D2-0150-0002-CM	☆	★	☆	☆		☆	☆	☆	★	★	☆			★	☆	☆	☆	☆	☆	★	☆	7°
		E	2.0	0.20	0.20	19.0			N123E2-0200-0002-CM	☆	★		☆	☆	☆	☆		★	★		☆	☆	★	☆		☆	☆	★		☆	7°
		F	2.5	0.20	0.20	18.9			N123F2-0250-0002-CM	☆	★		☆		☆	☆		★	★		☆	☆	★	☆		☆	☆	★		☆	7°
		G	3.0	0.20	0.20	18.9			N123G2-0300-0002-CM	☆	★		☆	☆	☆	☆		★	★		☆	☆	★	☆		☆	☆	★		☆	7°
		H	4.0	0.20	0.20	24.1			N123H2-0400-0002-CM	☆	★		☆	☆	☆	☆		★	★		☆	☆	★	☆		☆	☆	★		☆	7°
		J	5.0	0.20	0.20	24.1			N123J2-0500-0002-CM		★		☆			☆		★	★					★		☆		★		☆	7°

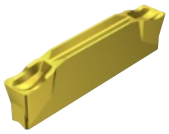
SSC = To correspond with SSC on holder.

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

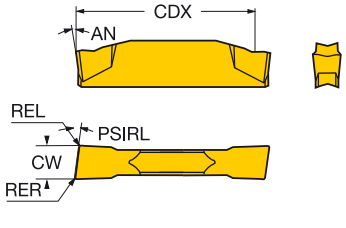
Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
L123x2-CM	0.000	0.100	-0.10	0.10
N123x2-CM	0.000	0.100	-0.10	0.10
R123x2-CM	0.000	0.100	-0.10	0.10

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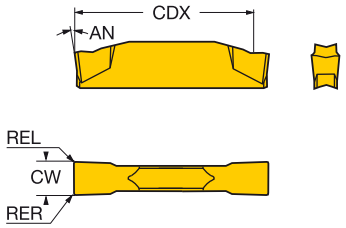
CoroCut® 1-2 insert for parting



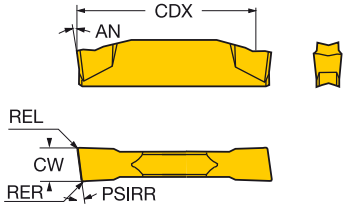
L123x2-CR



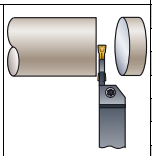
N123x2-CR



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 AN
Pre-machining		F	2.5	0.30	0.30	18.9	5°		L123F2-0250-0503-CR		☆		★			☆		★	★					★		☆		★		☆	7°
		G	3.0	0.30	0.30	18.8	5°		L123G2-0300-0503-CR		☆		★			☆		★	★					★		☆		★		☆	7°
		H	4.0	0.30	0.30	23.7	5°		L123H2-0400-0503-CR		☆		★			☆		★	★					★		☆		★		☆	7°
		J	5.0	0.40	0.40	23.6	5°		L123J2-0500-0504-CR		☆		★			☆		★	★					★		☆		★		☆	7°
		F	2.5	0.30	0.30	18.9			N123F2-0250-0003-CR		☆	☆	★			☆	☆	★	★	☆	☆	☆		★	☆	☆		☆	★	☆	7°
		G	3.0	0.30	0.30	18.8			N123G2-0300-0003-CR	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	★	☆	☆	☆	☆	☆	★	☆	7°
		H	4.0	0.30	0.30	23.7			N123H2-0400-0003-CR	☆	☆	☆	★		☆	☆	☆	★	★	☆	☆	☆	★	☆	☆	☆	☆	★	☆	7°
		J	5.0	0.40	0.40	23.7			N123J2-0500-0004-CR		☆	☆	★			☆	☆	★	★	☆	☆	☆		★	☆	☆		☆	★	☆	7°
		K	6.0	0.40	0.40	23.5			N123K2-0600-0004-CR		☆	☆	★			☆	☆	★	★	☆	☆	☆		★	☆	☆		☆	★	☆	7°
		F	2.5	0.30	0.30	18.9		5°	R123F2-0250-0503-CR		☆		★			☆		★	★					★		☆		★		☆	7°
		G	3.0	0.30	0.30	18.8		5°	R123G2-0300-0503-CR		☆	☆	★			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
		H	4.0	0.30	0.30	23.7		5°	R123H2-0400-0503-CR		☆	☆	★			☆	☆	★	★	☆				★	☆	☆		☆	★	☆	7°
		J	5.0	0.40	0.40	23.6		5°	R123J2-0500-0504-CR		☆		★			☆		★	★					★		☆		★		☆	7°

SSC = To correspond with SSC on holder.

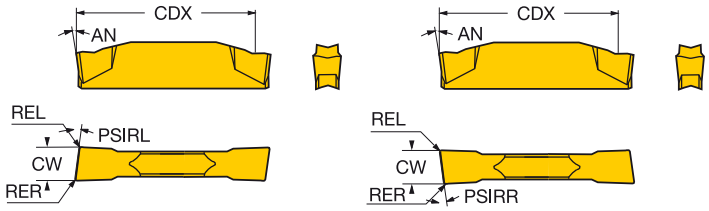
N = Neutral, R = Right hand, L = Left hand

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
L123x2-CR	0.000	0.100	-0.10	0.10
N123x2-CR	0.000	0.100	-0.10	0.10
R123x2-CR	0.000	0.100	-0.10	0.10

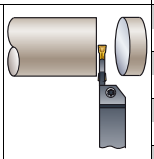
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CoroCut® 1-2 insert for parting





CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm AN
Finishing		D	1.5	0.10	0.10	13.4	10°		L123D2-0150-1001-CS	★	★	★	★	★	5°
			1.5	0.10	0.10	13.4	15°		L123D2-0150-1501-CS	★	★	★	★	★	5°
		E	2.0	0.10	0.10	19.4	10°		L123E2-0200-1001-CS	★	★	★	★	★	5°
			2.0	0.10	0.10	19.4	15°		L123E2-0200-1501-CS	★	★	★	★	★	5°
		F	2.5	0.10	0.10	19.4	10°		L123F2-0250-1001-CS	★	★	★	★	★	5°
			2.5	0.10	0.10	19.4	15°		L123F2-0250-1501-CS	★	★	★	★	★	5°
		G	3.0	0.10	0.10	19.4	10°		L123G2-0300-1001-CS	★	★	★	★	★	5°
			3.0	0.10	0.10	19.4	15°		L123G2-0300-1501-CS	★	★	★	★	★	5°
		D	1.5	0.10	0.10	13.4		10°	R123D2-0150-1001-CS	★	★	★	★	★	5°
			1.5	0.10	0.10	13.4		15°	R123D2-0150-1501-CS	★	★	★	★	★	5°
		E	2.0	0.10	0.10	19.4		10°	R123E2-0200-1001-CS	★	★	★	★	★	5°
			2.0	0.10	0.10	19.4		15°	R123E2-0200-1501-CS	★	★	★	★	★	5°
		F	2.5	0.10	0.10	19.4		10°	R123F2-0250-1001-CS	★	★	★	★	★	5°
			2.5	0.10	0.10	19.4		15°	R123F2-0250-1501-CS	★	★	★	★	★	5°
		G	3.0	0.10	0.10	19.4		10°	R123G2-0300-1001-CS	★	★	★	★	★	5°
			3.0	0.10	0.10	19.4		15°	R123G2-0300-1501-CS	★	★	★	★	★	5°

SSC = To correspond with SSC on holder.

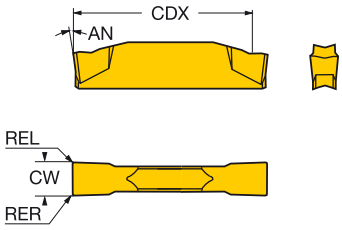
R = Right hand, L = Left hand

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
L123x2-CS	-0.020	0.020	-0.05	0.05
R123x2-CS	-0.020	0.020	-0.05	0.05

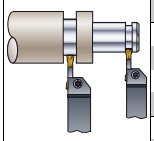
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CoroCut® 1-2 insert for grooving





CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	Ordering code	P				M				K			N				S				Dimensions, mm
								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°
		E	2.0	0.20	0.20	19.2	N123E2-0198-0002-GF		★				★			★				★				★				7°
			2.0	0.20	0.20	19.2	N123E2-0200-0002-GF	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°
			2.0	0.40	0.40	19.2	N123E2-0200-0004-GF	☆	★			☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			2.2	0.20	0.20	19.2	N123E2-0224-0002-GF	☆	★			☆	★			★			★	☆			★	☆			7°
		F	2.4	0.20	0.20	19.2	N123F2-0239-0002-GF	☆	★			☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			2.4	0.40	0.40	19.2	N123F2-0239-0004-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			2.5	0.30	0.30	19.1	N123F2-0246-0003-GF	☆	★		☆	☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			2.7	0.20	0.20	19.2	N123F2-0267-0002-GF		★				★			★				★				★				7°
			2.8	0.30	0.30	19.1	N123F2-0279-0003-GF	☆	★			☆	★			★			★	☆			★	☆			7°
		G	3.0	0.20	0.20	19.2	N123G2-0300-0002-GF	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°
			3.0	0.40	0.40	19.2	N123G2-0300-0004-GF	☆	★			☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			3.1	0.20	0.20	19.2	N123G2-0310-0002-GF		★				★			★				★				★				7°
			3.2	0.20	0.20	19.2	N123G2-0318-0002-GF	☆	★		☆	☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			3.2	0.40	0.40	19.2	N123G2-0318-0004-GF		★				★			★				★				★				7°
			3.2	0.80	0.80	19.2	N123G2-0318-0008-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			3.6	0.30	0.30	19.1	N123G2-0361-0003-GF	☆	★			☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
		H	4.0	0.20	0.20	24.4	N123H2-0396-0002-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			4.0	0.40	0.40	24.4	N123H2-0396-0004-GF		★				★			☆				★				★				7°
			4.0	0.80	0.80	24.4	N123H2-0396-0008-GF	☆	★			☆	★			★			★	☆			★	☆			7°
			4.0	0.20	0.20	24.4	N123H2-0400-0002-GF	☆	☆	★		☆	☆	★	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°
			4.0	0.40	0.40	24.4	N123H2-0400-0004-GF	☆	★			☆	★		☆	★		☆	☆	☆		★	★	☆		☆	7°
			4.5	0.20	0.20	24.4	N123H2-0452-0002-GF		★				★		☆	★		☆		☆		★		★			☆	7°
			4.7	0.50	0.50	24.1	N123H2-0470-0005-GF		★				★			★				★				★				7°
			4.8	0.40	0.40	24.1	N123H2-0475-0004-GF		★				★			★				★				★				7°
			4.8	0.80	0.80	24.1	N123H2-0475-0008-GF		★				★			★				★				★				7°
			4.8	0.50	0.50	24.1	N123H2-0480-0005-GF		★				★		☆	★		☆		☆		★		★			☆	7°
			5.0	0.20	0.20	24.4	N123H2-0500-0002-GF	☆	☆	★		☆	☆	★	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°
			5.0	0.40	0.40	24.4	N123H2-0500-0004-GF	☆	★			☆	★			★			★	☆			★	☆			7°
		J	5.4	0.20	0.20	24.4	N123J2-0541-0002-GF		★				★			★				★				★				7°
			5.6	0.50	0.50	24.1	N123J2-0556-0005-GF	☆	★			☆	★			★			★	☆			★	☆			7°
		K	6.0	0.20	0.20	24.4	N123K2-0600-0002-GF	☆	☆	★		☆	☆	★	☆	★	☆	☆	☆	☆	☆	★	★	☆	☆	☆	7°
			6.4	0.40	0.40	24.1	N123K2-0635-0004-GF		★				★			★				★				★				7°
			6.4	0.50	0.50	24.1	N123K2-0635-0005-GF		★				★		☆	★		☆		☆		★		★			☆	7°
			6.4	0.80	0.80	24.1	N123K2-0635-0008-GF		★				★			★				★				★				7°
			7.1	0.80	0.80	23.8	N123K2-0714-0008-GF		★				★			★				★				★				7°
		L	7.9	0.80	0.80	29.0	N123L2-0792-0008-GF		★				★			★				★				★				7°
			8.0	0.20	0.20	29.6	N123L2-0800-0002-GF		☆	★	☆		☆	★	☆	★	☆	☆		☆	☆	★			★	☆	☆	7°

SSC = To correspond with SSC on holder. N = Neutral

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
N123x2-GF	-0.020	0.020	-0.05	0.05

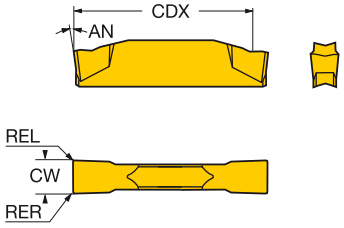
B5 B5 B114 B131 B121 H36 H35 H17

ENG

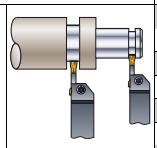
CoroCut® 1-2 insert for grooving

For circlip grooves





CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	Ordering code	P		M			K		N			S			Dimensions, mm
								1105	1125	1105	1125	H13A	1125	H13A	1105	1125	H13A	1105	1125	H13A	AN
Finishing		E	1.9	0.10	0.10	19.3	N123E2-0185-0001-GF	☆	★	☆	★	☆	★	☆	☆	☆	★	★	☆	☆	7°
			2.2	0.10	0.10	19.3	N123E2-0215-0001-GF		★		★	☆	★	☆		☆	★		★	☆	7°
		F	2.7	0.20	0.20	19.2	N123F2-0265-0002-GF		★		★	☆	★	☆		☆	★		★	☆	7°
		G	3.2	0.20	0.20	19.2	N123G2-0315-0002-GF		★		★		★			★			★		7°
		H	4.2	0.20	0.20	24.4	N123H2-0415-0002-GF		★		★		★			★			★		7°
		J	5.2	0.20	0.20	24.4	N123J2-0515-0002-GF		★		★		★			★			★		7°

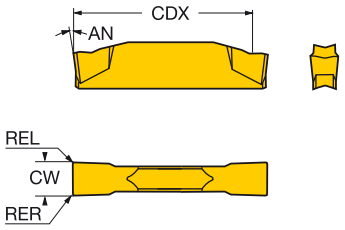
SSC = To correspond with SSC on holder. N = Neutral

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
N123x2-GF (CIRCLIP)	0.090	0.130	-0.05	0.05

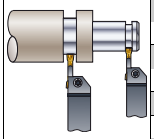
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CoroCut® 1-2 insert for grooving





CoroCut® 2-edge

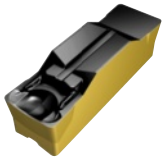
		SSC	CW	REL	RER	CDX	Ordering code	P 1125	P 1145	P 2135	M 1125	M 1145	M 2135	M H13A	K 1125	K 2135	K 3115	K 4325	K H13A	N 1125	N 2135	N H13A	S 1125	S 1145	S 2135	S H13A	Dimensions, mm AN
Medium		E	2.0	0.20	0.20	18.8	N123E2-0200-0002-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			2.4	0.20	0.20	18.4	N123E2-0239-0002-GM	☆		★	☆		★	☆	☆	☆	☆	★	☆	☆	☆	★	★		☆	☆	7°
		G	3.0	0.30	0.30	18.2	N123G2-0300-0003-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			3.2	0.30	0.30	18.0	N123G2-0318-0003-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
		H	4.0	0.30	0.30	23.0	N123H2-0400-0003-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
		J	4.8	0.30	0.30	22.6	N123J2-0475-0003-GM	☆		★	☆		★	☆	☆	☆	☆	★	☆	☆	☆	★	★		☆	☆	7°
			5.0	0.40	0.40	22.9	N123J2-0500-0004-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
		K	6.0	0.40	0.40	22.7	N123K2-0600-0004-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
			6.4	0.25	0.25	22.6	N123K2-0635-0003-GM	☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
		L	7.9	0.30	0.30	28.7	N123L2-0792-0003-GM	★			★				☆			★		★			★				7°
			8.0	0.50	0.50	28.4	N123L2-0800-0005-GM	☆		★	☆		★	☆	☆	☆	☆	★	☆	☆	☆	★	★		☆	☆	7°
		M	9.1	0.80	0.80	28.0	N123M2-0900-0008-GM	★			★				☆			★		★			★				7°
			10.0	0.80	0.80	28.0	N123M2-1000-0008-GM	★			★				☆			★		★			★				7°

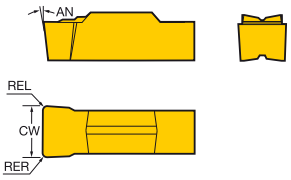
SSC = To correspond with SSC on holder. N = Neutral

Tolerances:				
Ordering code	CWTOLL	CWTOLU	RETOLL	RETOLU
N123E2-0200-0002-GM	0.000	0.100	-0.10	0.10
N123E2-0239-0002-GM	-0.050	0.050	-0.10	0.10
N123G2-0300-0003-GM	0.000	0.100	-0.10	0.10
N123G2-0318-0003-GM	-0.050	0.050	-0.10	0.10
N123H2-0400-0003-GM	0.000	0.100	-0.10	0.10
N123J2-0475-0003-GM	-0.050	0.050	-0.10	0.10
N123J2-0500-0004-GM	0.000	0.100	-0.10	0.10
N123K2-0600-0004-GM	0.000	0.100	-0.10	0.10
N123K2-0635-0003-GM	-0.050	0.050	-0.10	0.10
N123L2-0792-0003-GM	-0.050	0.050	-0.10	0.10
N123L2-0800-0005-GM	0.000	0.100	-0.10	0.10
N123M2-0900-0008-GM	-0.100	0.100	-0.10	0.10
N123M2-1000-0008-GM	-0.100	0.100	-0.10	0.10

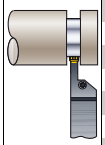
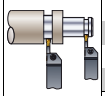
B5 B5 B114 B131 B121 H36 H35 H17

CoroCut® 1-2 insert for grooving





CoroCut® 1-edge

		SSC	CW	REL	RER	Ordering code	P 1105	P 1125	P 1145	P 2135	M 1105	M 1125	M 1145	M 2135	M H13A	K 1125	K 2135	K 4325	K H13A	N 1105	N 1125	N 2135	N H13A	S 1105	S 1125	S 1145	S 2135	S H13A	Dimensions, mm AN
Pre-machining		R	15.0	1.20	1.20	N123R1-1500-0010-GR		★		☆		☆		★		☆	☆	★			★	☆			★		☆			13°
Medium		M	9.0	0.80	0.80	N123M1-0900-0008-GM	☆	★	☆		☆	★	☆		☆	☆		★	☆	☆	☆		★	★	☆	☆		☆	7°
			9.5	0.80	0.80	N123M1-0953-0008-GM	☆	★	☆		☆	★	☆		☆	☆		★	☆	☆	☆		★	★	☆	☆		☆	7°
			10.0	0.80	0.80	N123M1-1000-0008-GM	☆	★	☆		☆	★	☆			☆		★		★	☆			★	☆	☆			7°
			11.0	0.80	0.80	N123M1-1100-0008-GM	☆	★	☆		☆	★	☆		☆	☆		★	☆	☆	☆		★	★	☆	☆		☆	7°
		R	12.0	0.80	0.80	N123R1-1200-0008-GM	☆	★			☆	★				☆		★		★	☆			★	☆				13°
			12.7	0.80	0.80	N123R1-1270-0008-GM	☆	★			☆	★				☆		★		★	☆			★	☆				13°
			15.0	0.80	0.80	N123R1-1500-0008-GM	☆	★			☆	★				☆		★		★	☆			★	☆				13°

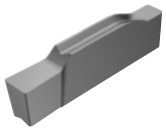
SSC = To correspond with SSC on holder. N = Neutral

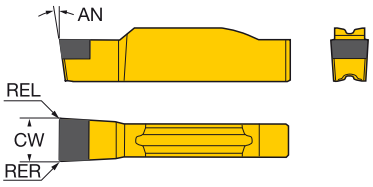
Tolerances:				
Ordering code	CWTOLL	CWTOLU	RETOLL	RETOLU
N123M1-0900-0008-GM	-0.030	0.030	-0.05	0.05
N123M1-0953-0008-GM	-0.030	0.030	-0.05	0.05
N123M1-1000-0008-GM	-0.030	0.030	-0.05	0.05
N123M1-1100-0008-GM	-0.030	0.030	-0.05	0.05
N123R1-1200-0008-GM	-0.100	0.100	-0.10	0.10
N123R1-1270-0008-GM	-0.100	0.100	-0.10	0.10
N123R1-1500-0008-GM	-0.100	0.100	-0.10	0.10
N123R1-1500-0010-GR	-0.080	0.080	-0.10	0.10

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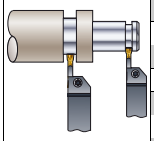
CoroCut® 1-2 insert for grooving

For grooving of hardened materials





CoroCut® 1-edge

		SSC	CW	RE	REL	RER	Ordering code	S 7015	H 7015	Dimensions, mm AN
Finishing		G	3.0		0.40	0.40	N123G1-030004S01025	★	★	7°
		H	4.0		0.40	0.40	N123H1-040004S01025	★	★	7°
			5.0		0.40	0.40	N123H1-050004S01025	★	★	7°
		J	6.0		0.40	0.40	N123J1-060004S01025	★	★	7°
		L	8.0	0.80	0.80	0.80	N123L1-080008S01025	★	★	7°

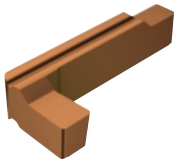
SSC = To correspond with SSC on holder. N = Neutral

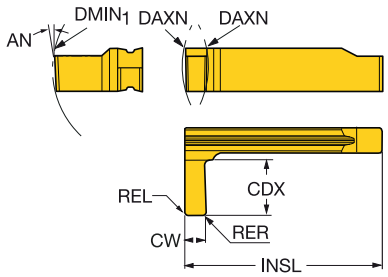
Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
N123x1..S	-0.020	0.020	-0.05	0.05

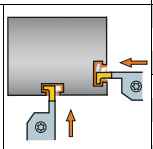
B5 B5 B114 B131 B121 H36 H35 H17

ENG

CoroCut® 1-2 insert for grooving





		SSC	CW	REL	RER	CDX	DMIN$_1$	DAXIN	Ordering code	P 1115	M 1115	S 1115	Dimensions, mm AN
Finishing		HX	2.0	0.20	0.20	4.0	44.0	100.0	R/LG123H1-0200-0002-GS	★	★	★	7°
			3.0	0.20	0.20	5.0	44.0	98.0	R/LG123H1-0300-0002-GS	★	★	★	7°
			4.0	0.40	0.40	6.0	44.0	96.0	R/LG123H1-0400-0004-GS	★	★	★	7°
		LX	2.0	0.20	0.20	6.0	62.0	143.0	R/LG123L1-0200-0002-GS	★	★	★	7°
			3.0	0.20	0.20	9.0	62.0	141.0	R/LG123L1-0300-0002-GS	★	★	★	7°
			4.0	0.40	0.40	9.0	62.0	139.0	R/LG123L1-0400-0004-GS	★	★	★	7°

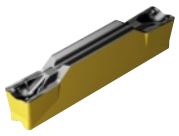
SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

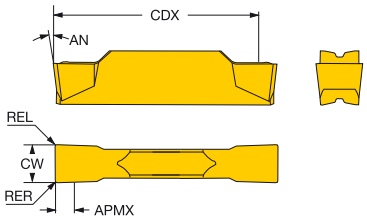
Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
R/LG123..-GS	-0.020	0.020	-0.05	0.05

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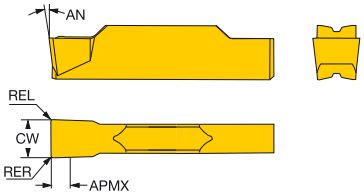
CoroCut® 1-2 insert for turning



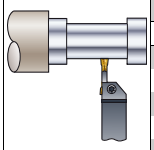
N123x2-TF



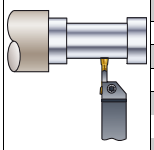
N123x1-TF



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 AN
Finishing		G	3.0	0.30	0.30	1.8	N123G1-0300-0003-TF	★	☆	☆	☆	☆	☆	★	☆	☆	☆		★	☆	☆	☆	★	★	☆	☆	☆	7°
		H	4.0	0.40	0.40	2.2	N123H1-0400-0004-TF	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°
		K	6.0	0.40	0.40	3.4	N123K1-0600-0004-TF	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	☆	7°

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 AN
Finishing		G	3.0	0.30	0.30	18.5	1.8	N123G2-0300-0003-TF	☆	★		☆	☆	☆	☆	☆		★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆		☆	☆	7°
		H	4.0	0.40	0.40	23.3	2.2	N123H2-0400-0004-TF	☆	★		☆	☆	☆	☆	☆		★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆		☆	☆	7°
		J	5.0	0.40	0.40	23.3	2.7	N123J2-0500-0004-TF	☆	★		☆	☆		☆	☆		★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆		☆	☆	7°
		K	6.0	0.40	0.40	23.3	3.4	N123K2-0600-0004-TF	☆	★	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
		L	8.0	0.80	0.80	28.0	4.0	N123L2-0800-0008-TF	☆	★		☆	☆		☆	☆		★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆		☆	☆	7°

SSC = To correspond with SSC on holder. N = Neutral

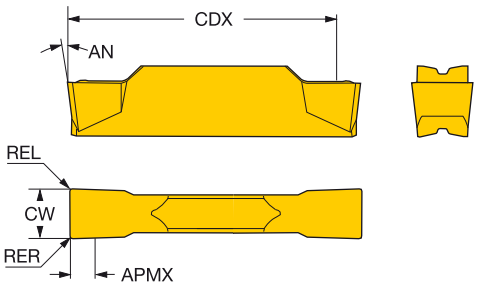
Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
N123x1-TF	0.000	0.100	-0.10	0.10
N123x2-TF	0.000	0.100	-0.10	0.10

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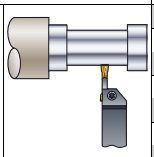
ENG

CoroCut® 1-2 insert for turning





CoroCut® 2-edge

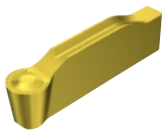
		SSC	CW	REL	RER	CDX	APMX	Ordering code	P 1105	P 1125	P 1145	P 2135	P 4325	P 525	M 1105	M 1125	M 1145	M 2135	M H13A	K 1125	K 2135	K 3115	K 4325	K H13A	N 1105	N 1125	N 2135	N H13A	S 1105	S 1125	S 1145	S 2135	S H13A	Dimensions, mm AN
Medium		G	3.0	0.40	0.40	18.4	1.8	N123G2-0300-0004-TM	☆	★	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
		H	4.0	0.40	0.40	23.4	2.2	N123H2-0400-0004-TM		★	☆	☆	☆			☆	☆	★	☆	☆	☆	☆	★	☆		☆	☆	★		★	☆	☆	☆	7°
			4.0	0.80	0.80	23.4	2.2	N123H2-0400-0008-TM	☆	★	☆	☆	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
		J	5.0	0.40	0.40	23.4	2.7	N123J2-0500-0004-TM		★	☆	☆	☆			☆	☆	★	☆	☆	☆	☆	★	☆		☆	☆	★		★	☆	☆	☆	7°
			5.0	0.80	0.80	23.0	2.7	N123J2-0500-0008-TM	☆	★	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
		K	6.0	0.40	0.40	23.4	3.4	N123K2-0600-0004-TM		★	☆	☆	☆			☆	☆	★	☆	☆	☆	☆	★	☆		☆	☆	★		★	☆	☆	☆	7°
			6.0	0.80	0.80	23.0	3.4	N123K2-0600-0008-TM	☆	★	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
		L	8.0	0.80	0.80	28.0	4.0	N123L2-0800-0008-TM	☆	★	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
			8.0	1.20	1.20	27.6	4.0	N123L2-0800-0012-TM		★	☆	☆	☆			☆	☆	★	☆	☆	☆	☆	★	☆		☆	☆	★		★	☆	☆	☆	7°

SSC = To correspond with SSC on holder. N = Neutral

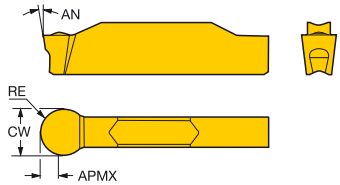
Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
N123x2-TM	0.000	0.100	-0.10	0.10

B5 B5 B114 B131 B121 H36 H35 H17

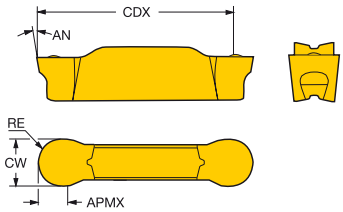
CoroCut® 1-2 insert for profiling



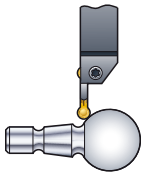
N123x1-RO



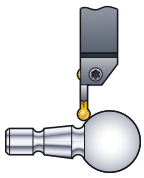
N123x2-RO



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	Dimensions, mm AN
Finishing		F	3.0	1.50	1.3	N123F1-0300-RO	☆	★	☆	★	☆	★	☆	★	☆	☆	★	7°
			3.2	1.59	1.4	N123F1-0318-RO	☆	★	☆	★	☆	★	☆	★	☆	☆	★	7°
		H	4.0	2.00	1.8	N123H1-0400-RO	☆	★	☆	★	☆	★	☆	★	☆	☆	★	7°
			4.8	2.38	2.2	N123H1-0475-RO	☆	★	☆	★	☆	★	☆	★	☆	☆	★	7°
			5.0	2.50	2.3	N123H1-0500-RO	☆	★	☆	★	☆	★	☆	★	☆	☆	★	7°
		J	6.0	3.00	2.8	N123J1-0600-RO	☆	★	☆	★	☆	★	★	☆	☆	☆	★	7°
		L	8.0	4.00	3.8	N123L1-0800-RO		★		★	☆	★		★		☆	★	7°

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	Dimensions, mm AN
Finishing		E	2.0	1.00	19.2	0.8	N123E2-0200-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	7°
			2.4	1.20	19.0	1.0	N123E2-0239-RO		★			★		☆	★					★				☆			★	7°
		F	3.0	1.50	18.7	1.3	N123F2-0300-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	7°
			3.2	1.59	18.6	1.4	N123F2-0318-RO	☆	★		☆	★		☆	☆	★		☆	☆	☆		★	☆	☆		☆	★	7°
		H	4.0	1.98	23.3	1.8	N123H2-0396-RO		★			★		☆	☆	★		☆		☆		★		☆		☆	★	7°
			4.0	2.00	23.3	1.8	N123H2-0400-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	7°
			4.5	2.25	23.0	2.1	N123H2-0450-RO		★			★		☆		★		☆		☆		★		☆		☆		7°
			4.8	2.38	22.9	2.2	N123H2-0475-RO	☆	★		☆	★		☆	☆	★		☆	☆	★		☆	☆	☆		☆	★	7°
			5.0	2.50	22.8	2.3	N123H2-0500-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	7°
		J	6.0	3.00	22.2	2.8	N123J2-0600-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	7°
			6.4	3.18	22.0	3.0	N123J2-0635-RO		★			★		☆	☆	★		☆		☆		★		☆		☆	★	7°
		K	7.1	3.57	21.6	3.4	N123K2-0714-RO		★			★				★				☆				☆				7°
		L	8.0	4.00	27.3	3.8	N123L2-0800-RO	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	7°

SSC = To correspond with SSC on holder.

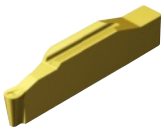
N = Neutral

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
N123x1-RO	-0.020	0.020	-0.01	0.01
N123x2-RO	-0.020	0.020	-0.01	0.01

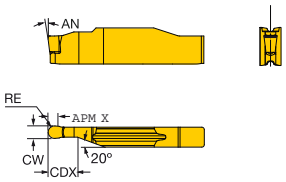
B5 B5 B114 B131 B121 H36 H35 H17

SANDVIK Coromant

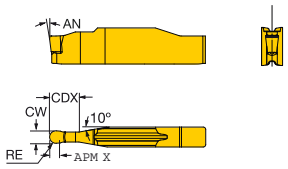
CoroCut® 1-2 insert for profiling



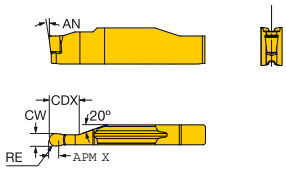
L123H1-0200-RO



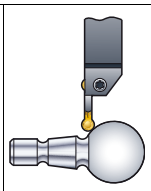
N123H1-0200-RO



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 AN
Finishing		HL	2.0	1.00	5.0	0.8	L123H1-0200-RO	☆	★	☆	★	☆	★	☆	★	☆	☆	★	7°
		HN	2.0	1.00	5.0	0.8	N123H1-0200-RO	☆	★	☆	★	☆	★	☆	★	☆	☆	★	7°
		HR	2.0	1.00	5.0	0.8	R123H1-0200-RO	☆	★	☆	★	☆	★	☆	★	☆	☆	★	7°

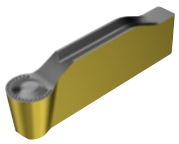
SSC = To correspond with SSC on holder.

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

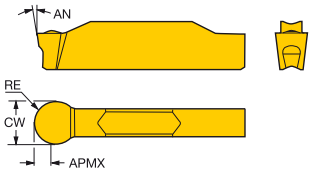
Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
L123H1-0200-RO	-0.020	0.020	-0.01	0.01
N123H1-0200-RO	-0.020	0.020	-0.01	0.01
R123H1-0200-RO	-0.020	0.020	-0.01	0.01

B5 B5 B114 B131 B121 H36 H35 H17

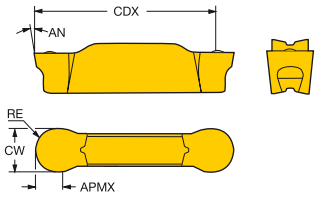
CoroCut® 1-2 insert for profiling



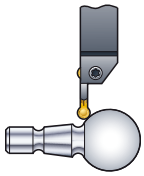
N123x1-RM



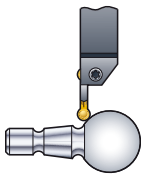
N123x2-RM



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 AN
Medium		G	4.0	2.00	1.8	N123G1-0400-RM	☆	★	☆	★	☆	☆	☆		★	☆	☆	☆	★	★	☆	☆	7°
		J	6.0	3.00	2.8	N123J1-0600-RM	☆	★	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°
		L	8.0	4.00	3.8	N123L1-0800-RM	☆	★	☆	★	☆	☆	☆		★	☆	☆	☆	★	★	☆	☆	7°

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 AN
Medium		F	3.0	1.50	18.6	1.3	N123F2-0300-RM	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°
			3.2	1.59	18.6	1.4	N123F2-0318-RM	☆	☆		☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°
		G	4.0	2.00	18.1	1.8	N123G2-0400-RM	☆	★	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°
		H	4.0	2.00	23.1	1.8	N123H2-0400-RM	☆	★		☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°
			4.8	2.38	22.9	2.2	N123H2-0475-RM	☆	★		☆	★		☆	☆	☆	★		★	☆		★	☆		7°
			5.0	2.50	22.7	2.3	N123H2-0500-RM	☆	★		☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°
		J	6.0	3.00	22.2	2.8	N123J2-0600-RM	☆	★		☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°
			6.4	3.18	22.0	3.0	N123J2-0635-RM	☆	★		☆	★		☆	☆	☆	★		★	☆		★	☆		7°
		L	8.0	4.00	27.0	3.8	N123L2-0800-RM	☆	★		☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°

SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:

Ordering code	CWTOLL	CWTOLU	RETOLL	RETOLU
N123F2-0300-RM	0.000	0.100	-0.10	0.10
N123F2-0318-RM	-0.050	0.050	-0.10	0.10
N123G1-0400-RM	0.000	0.100	-0.10	0.10
N123G2-0400-RM	0.000	0.100	-0.10	0.10
N123H2-0400-RM	0.000	0.100	-0.10	0.10
N123H2-0475-RM	-0.050	0.050	-0.10	0.10
N123H2-0500-RM	0.000	0.100	-0.10	0.10
N123J1-0600-RM	0.000	0.100	-0.10	0.10
N123J2-0600-RM	0.000	0.100	-0.10	0.10
N123J2-0635-RM	-0.050	0.050	-0.10	0.10
N123L1-0800-RM	0.000	0.100	-0.10	0.10
N123L2-0800-RM	0.000	0.100	-0.10	0.10

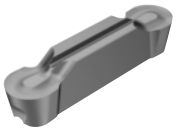
B5 B5 B114 B131 B121 H36 H35 H17

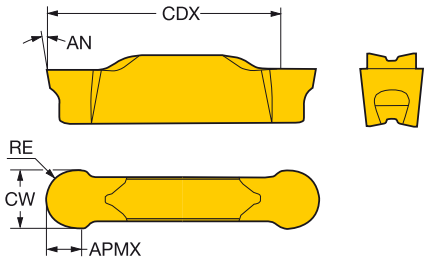
SANDVIK Coromant

ENG

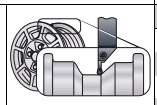
CoroCut® 1-2 insert for profiling

Aluminium profiling





CoroCut® 2-edge

		SSC	CW	RE	CDX	APMX	Ordering code	N H10	S H10	Dimensions, mm AN
Medium		J	6.0	3.00	22.2	2.8	N123J2-0600-AM	★	★	7°
		L	8.0	4.00	27.3	3.8	N123L2-0800-AM	★	★	7°

SSC = To correspond with SSC on holder. N = Neutral

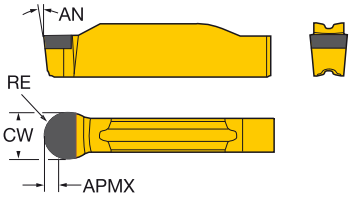
Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
N123x2-AM	-0.020	0.020	-0.02	0.02

B5 B5 B114 B131 B121 H36 H35 H17

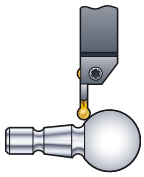
CoroCut® 1-2 insert for profiling

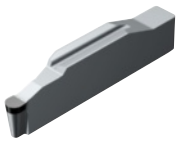
Profiling non-ferrous and hardened materials



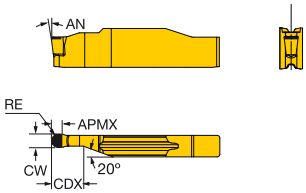


CoroCut® 1-edge

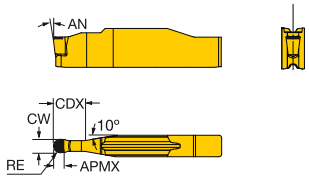
		SSC	CW	RE	APMX	Ordering code	N CD10	S 7015	H 7015	Dimensions, mm AN
Finishing		F	3.0	1.50	1.3	N123F1-0300-RS	★			7°
			3.0	1.50	2.5	N123F1-0300S01025		★	★	7°
		H	4.0	2.00	1.8	N123H1-0400-RS	★			7°
			4.0	2.00	3.4	N123H1-0400S01025		★	★	7°
			5.0	2.50	2.3	N123H1-0500-RS	★			7°
			5.0	2.50	4.5	N123H1-0500S01025		★	★	7°
		J	6.0	3.00	2.8	N123J1-0600-RS	★			7°
			6.0	3.00	5.3	N123J1-0600S01025		★	★	7°
		L	8.0	4.00	3.8	N123L1-0800-RS	★			7°



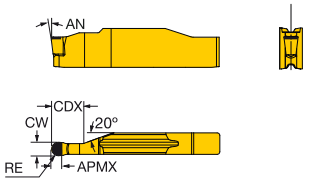
L123H1-0200-RS



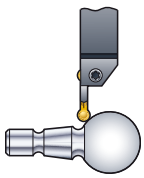
N123H1-0200-RS



R123H1-0200-RS



CoroCut® 1-edge

		SSC	CW	RE	CDX	APMX	Ordering code	N CD10	Dimensions, mm AN
Finishing		HL	2.0	1.00	5.0	0.8	L123H1-0200-RS	★	7°
		HN	2.0	1.00	5.0	0.8	N123H1-0200-RS	★	7°
		HR	2.0	1.00	5.0	0.8	R123H1-0200-RS	★	7°

SSC = To correspond with SSC on holder. N = Neutral

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
L123H1-0200-RS	-0.020	0.020	-0.01	0.01
N123H1-0200-RS	-0.020	0.020	-0.02	0.02
N123x1..S (P)	-0.020	0.020	-0.02	0.02
N123x1-RS	-0.020	0.020	-0.02	0.02
R123H1-0200-RS	-0.020	0.020	-0.01	0.01

B5 B5 B114 B131 B121 H36 H35 H17

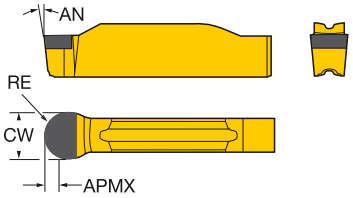
SANDVIK Coromant

ENG

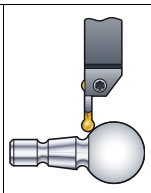
CoroCut® 1-2 insert for profiling

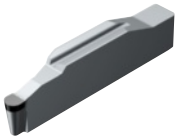
Profiling hardened materials and heat resistant super alloys



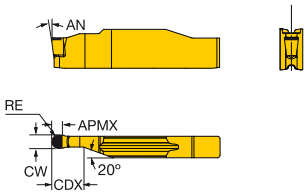


CoroCut® 1-edge

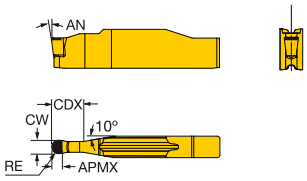
		SSC	CW	RE	APMX	Ordering code	S 7015	H 7015	H 7025	Dimensions, mm AN
Finishing		F	3.0	1.50	0.6	N123F1-0300-RE	★	★	☆	7°
			3.2	1.59	0.6	N123F1-0318-RE	★	★		7°
		H	4.0	2.00	0.7	N123H1-0400-RE	★	★	☆	7°
			5.0	2.50	0.7	N123H1-0500-RE	★	★		7°
		J	6.0	3.00	0.8	N123J1-0600-RE	★	★		7°
			6.4	3.18	0.8	N123J1-0635-RE	★	★		7°
		L	8.0	4.00	0.9	N123L1-0800-RE	★	★		7°



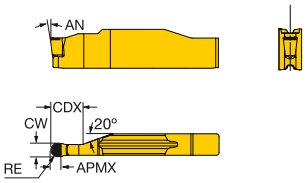
L123H1-0200-RE



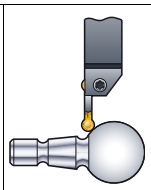
N123H1-0200-RE



R123H1-0200-RE



CoroCut® 1-edge

		SSC	CW	RE	CDX	APMX	Ordering code	S 7015	H 7015	H 7025	Dimensions, mm AN
Finishing		HL	2.0	1.00	5.0	0.5	L123H1-0200-RE	★	★		7°
		HN	2.0	1.00	5.0	0.5	N123H1-0200-RE	★	★	☆	7°
		HR	2.0	1.00	5.0	0.5	R123H1-0200-RE	★	★		7°

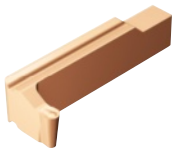
SSC = To correspond with SSC on holder.

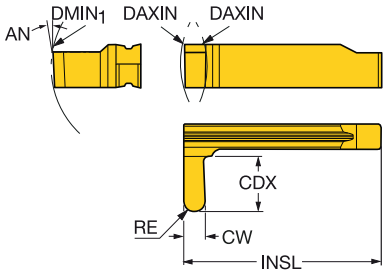
N = Neutral, R = Right hand, L = Left hand

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
L123H1-0200-RE	-0.020	0.020	-0.01	0.01
N123H1-0200-RE	-0.020	0.020	-0.01	0.01
N123x1-RE	-0.020	0.020	-0.02	0.02
R123H1-0200-RE	-0.020	0.020	-0.01	0.01

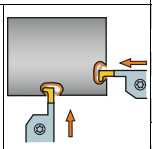
B5 B5 B114 B131 B121 H36 H35 H17

CoroCut® 1-2 insert for profiling





CoroCut® 1-edge

		SSC	CW	RE	CDX	DMIN1	DAXIN	APMX	Ordering code	P 1115	M 1115	S 1115	Dimensions, mm AN
Finishing		HX	2.0	1.00	4.0	44.0	100.0	0.8	R/LG123H1-0200-0010-RS	★	★	★	7°
			2.0	1.00	4.0	44.0	100.0	0.8	R/LG123H1-0200-RO	★	★	★	7°
			3.0	1.50	5.0	44.0	98.0	1.3	R/LG123H1-0300-0015-RS	★	★	★	7°
			3.0	1.50	5.0	44.0	98.0	1.3	R/LG123H1-0300-RO	★	★	★	7°
			4.0	2.00	6.0	44.0	96.0	1.8	R/LG123H1-0400-0020-RS	★	★	★	7°
		LX	2.0	1.00	6.0	62.0	143.0	0.3	R/LG123L1-0200-0010-RS	★	★	★	7°
			2.0	1.00	6.5	62.0	143.0	0.8	R/LG123L1-0200-RO	★	★	★	7°
			3.0	1.50	9.0	62.0	141.0	1.3	R/LG123L1-0300-0015-RS	★	★	★	7°
			3.0	1.50	9.5	62.0	141.0	1.3	R/LG123L1-0300-RO	★	★	★	7°
			4.0	2.00	9.0	62.0	139.0	1.8	R/LG123L1-0400-0020-RS	★	★	★	7°

SSC = To correspond with SSC on holder.
Facegrooving minimum first cut diameter.

R = Right hand, L = Left hand

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
R/LG123..-RO	-0.020	0.020	-0.01	0.01
R/LG123..-RS	-0.020	0.020	-0.05	0.05

B5 B5 B114 B131 B121 H36 H35 H17

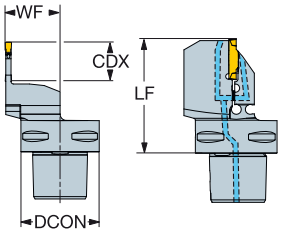
ENG

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 DCON	LF	WF	BAR	KG	MIID
	E	C3	15.0	55.0	3	C3-R/LF123E15C22055E	32	55.0	22.0	150	0.37	N123E2-0200-0002-CM
		C4	15.0	60.0	3	C4-R/LF123E15C27060E	40	60.0	27.0	150	0.54	N123E2-0200-0002-CM
		C5	15.0	60.0	3	C5-R/LF123E15C35060E	50	60.0	35.0	150	0.77	N123E2-0200-0002-CM
	F	C3	15.0	55.0	3	C3-R/LF123F15C22055E	32	55.0	22.0	150	0.37	N123F2-0250-0002-CM
		C4	15.0	60.0	3	C4-R/LF123F15C27060E	40	60.0	27.0	150	0.55	N123F2-0250-0002-CM
		C5	20.0	65.0	3	C5-R/LF123F20C35065E	50	65.0	35.0	150	0.63	N123F2-0250-0002-CM
	G	C3	15.0	55.0	3	C3-R/LF123G15C22055E	32	55.0	22.0	150	0.38	N123G2-0300-0003-TF
		C3	20.0	60.0	3	C3-R/LF123G20C22060E	32	60.0	22.0	150	0.38	N123G2-0300-0003-TF
		C4	15.0	60.0	3	C4-R/LF123G15C27060E	40	60.0	27.0	150	0.54	N123G2-0300-0003-TF
		C4	20.0	65.0	3	C4-R/LF123G20C27065E	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
		C5	15.0	60.0	3	C5-R/LF123G15C35060E	50	60.0	35.0	150	0.78	N123G2-0300-0003-TF
		C5	20.0	65.0	3	C5-R/LF123G20C35065E	50	65.0	35.0	150	0.78	N123G2-0300-0003-TF
		C6	15.0	60.0	3	C6-R/LF123G15C45060E	63	60.0	45.0	150	1.17	N123G2-0300-0003-TF
		C6	20.0	65.0	3	C6-R/LF123G20C45065E	63	65.0	45.0	150	1.18	N123G2-0300-0003-TF
	H	C3	20.0	60.0	3	C3-R/LF123H20C22060E	32	60.0	22.0	150	0.38	N123H2-0400-0004-TF
		C4	20.0	65.0	3	C4-R/LF123H20C27065E	40	65.0	27.0	150	0.55	N123H2-0400-0004-TF
		C4	25.0	70.0	3	C4-R/LF123H25C27070E	40	70.0	27.0	150	0.56	N123H2-0400-0004-TF
		C5	25.0	70.0	3	C5-R/LF123H25C35070E	50	70.0	35.0	150	0.80	N123H2-0400-0004-TF
		C6	20.0	65.0	3	C6-R/LF123H20C45065E	63	65.0	45.0	150	1.20	N123H2-0400-0004-TF
		C6	25.0	70.0	3	C6-R/LF123H25C45070E	63	70.0	45.0	150	1.19	N123H2-0400-0004-TF
		C8	25.0	80.0	3	C8-R/LF123H25C51080E	80	80.0	42.0	150	2.28	N123H2-0400-0004-TF
	J	C4	20.0	65.0	3	C4-R/LF123J20C27065E	40	65.0	27.0	150	0.56	N123J2-0500-0004-TF
		C4	25.0	48.8	3	C4-R/LF123J25C27070E	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF
		C5	25.0	70.0	3	C5-R/LF123J25C35070E	50	70.0	35.0	150	0.80	N123J2-0500-0004-TF
		C6	25.0	70.0	3	C6-R/LF123J25C45070E	63	70.0	45.0	150	1.21	N123J2-0500-0004-TF
		C8	25.0	80.0	3	C8-R/LF123J25C51080E	80	80.0	42.0	150	2.30	N123J2-0500-0004-TF
	K	C4	20.0	65.0	3	C4-R/LF123K20C27065E	40	65.0	27.0	150	0.57	N123K2-0600-0004-TF
		C4	25.0	48.8	3	C4-R/LF123K25C27070E	40	70.0	27.0	150	0.57	N123K2-0600-0004-TF
		C5	25.0	70.0	3	C5-R/LF123K25C35070E	50	70.0	35.0	150	0.81	N123K2-0600-0004-TF
		C6	25.0	70.0	3	C6-R/LF123K25C45070E	63	70.0	45.0	150	1.21	N123K2-0600-0004-TF
		C8	25.0	80.0	3	C8-R/LF123K25C51080E	80	80.0	42.0	150	2.29	N123K2-0600-0004-TF
	L	C5	25.0	70.0	3	C5-R/LF123L25C35070E	50	70.0	35.0	150	0.81	N123L2-0800-0008-TF
		C6	25.0	70.0	3	C6-R/LF123L25C45070E	63	70.0	45.0	150	1.21	N123L2-0800-0008-TF
		C6	32.0	80.0	3	C6-R/LF123L32C45080E	63	80.0	45.0	150	1.28	N123L2-0800-0008-TF
		C8	32.0	85.0	3	C8-R/LF123L32C51085E	80	85.0	42.0	150	2.28	N123L2-0800-0008-TF
	M	C6	32.0	80.0	3	C6-R/LF123M32C45080E	63	80.0	45.0	150	1.31	N123M2-1000-0008-GM
		C8	32.0	85.0	3	C8-R/LF123M32C51085E	80	85.0	42.0	150	2.31	N123M2-1000-0008-GM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

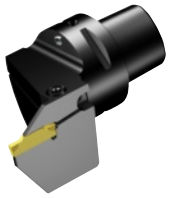
For spare parts, visit www.sandvik.coromant.com

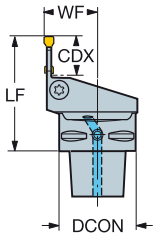
B5 F2 E3 G2 H36 H35 H18 H5

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 DCON	LF	WF	BAR	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
		C3	15.0	3	C3-R/LF123D15-22050B	32	50.0	22.0	10	3.5	0.26	N123D2-0150-0002-CM
		C4	8.0	3	C4-R/LF123D08-27050B	40	50.0	27.0	10	3.0	0.40	N123D2-0150-0002-CM
		C4	15.0	3	C4-R/LF123D15-27055B	40	55.0	27.0	10	3.5	0.45	N123D2-0150-0002-CM
		C5	8.0	3	C5-R/LF123D08-35055B	50	55.0	35.0	10	2.0	0.65	N123D2-0150-0002-CM
		C5	15.0	3	C5-R/LF123D15-35055B	50	55.0	35.0	10	3.5	0.70	N123D2-0150-0002-CM
	E	C3	8.0	3	C3-R/LF123E08-22050B	32	50.0	22.0	10	2.0	0.25	N123E2-0200-0002-CM
		C4	8.0	3	C4-R/LF123E08-27050B	40	50.0	27.0	10	3.7	0.40	N123E2-0200-0002-CM
		C5	8.0	3	C5-R/LF123E08-35060B	50	60.0	35.0	10	2.0	0.69	N123E2-0200-0002-CM
	F	C3	10.0	3	C3-R/LF123F10-22050B	32	55.0	22.0	10	3.0	0.25	N123F2-0250-0002-CM
		C4	10.0	3	C4-R/LF123F10-27050B	40	50.0	27.0	10	5.0	0.40	N123F2-0250-0002-CM
		C5	10.0	3	C5-R/LF123F10-35060B	50	60.0	35.0	10	2.5	0.68	N123F2-0250-0002-CM
	G	C3	10.0	3	C3-R/LF123G10-22050B	32	55.0	22.0	10	4.5	0.25	N123G2-0300-0003-TF
		C4	10.0	3	C4-R/LF123G10-27055B	40	55.0	27.0	10	4.0	0.41	N123G2-0300-0003-TF
		C5	10.0	3	C5-R/LF123G10-35060B	50	60.0	35.0	10	4.5	0.69	N123G2-0300-0003-TF
		C6	10.0	3	C6-R/LF123G10-45065B	63	65.0	45.0	10	3.0	1.15	N123G2-0300-0003-TF
	H	C3	13.0	3	C3-R/LF123H13-22055B	32	60.0	22.0	10	4.5	0.29	N123H2-0400-0004-TF
		C4	13.0	3	C4-R/LF123H13-27055B	40	55.0	27.0	10	7.5	0.41	N123H2-0400-0004-TF
		C5	13.0	3	C5-R/LF123H13-35060B	50	60.0	35.0	10	5.0	0.68	N123H2-0400-0004-TF
		C6	13.0	3	C6-R/LF123H13-45065B	63	65.0	45.0	10	4.0	1.14	N123H2-0400-0004-TF
	J	C4	13.0	3	C4-R/LF123J13-27055B	40	55.0	27.0	10	7.5	0.41	N123J2-0500-0002-CM
		C5	13.0	3	C5-R/LF123J13-35060B	50	60.0	35.0	10	5.0	0.68	N123J2-0500-0002-CM
		C6	13.0	3	C6-R/LF123J13-45065B	63	65.0	45.0	10	4.0	1.15	N123J2-0500-0002-CM
		C8	13.0	3	C8-R/LF123J13-42080B	80	80.0	42.0	10	3.5	2.29	N123J2-0500- GM
	K	C4	16.0	3	C4-R/LF123K16-27060B	40	60.0	27.0	10	6.5	0.44	N123K2-0600-0004-TF
		C5	16.0	3	C5-R/LF123K16-35060B	50	60.0	35.0	10	7.0	0.68	N123K2-0600-0004-TF
		C6	16.0	3	C6-R/LF123K16-45065B	63	65.0	45.0	10	5.2	1.14	N123K2-0600-0004-TF
		C8	16.0	3	C8-R/LF123K16-42080B	80	80.0	42.0	10	4.0	2.28	N123K2-0600-GM
	L	C5	13.0	3	C5-R/LF123L13-35060B	50	60.0	35.0	10	5.5	0.68	N123L2-0800-0008-TF
		C6	16.0	3	C6-R/LF123L16-45065B	63	65.0	45.0	10	5.5	1.13	N123L2-0800-0008-TF
		C8	25.0	3	C8-R/LF123L25-42080B	80	80.0	42.0	10	8.0	2.20	N123L2-0800-0008-TF

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

	Spare parts
SSC	Screw
D, E, F	3212 012-259
G	3212 012-310
H, J, K, L	3212 012-360

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

B5 F2 E3 G2 H36 H35 H18 H5

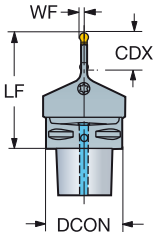
ENG

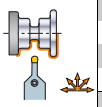
CoroCut® 1-2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply





	SSC	CZC_{MS}	CDX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	G	C3	20.0	3	C3-NF123G20-00060B	32	60.0	2.0	10	5.0	0.28	N123G2-0400- RM
		C4	20.0	3	C4-NF123G20-00070B	40	70.0	2.0	10	5.0	0.50	N123G2-0400- RM
		C5	20.0	3	C5-NF123G20-00070B	50	70.0	2.0	10	5.0	0.77	N123G2-0400- RM
		C6	20.0	3	C6-NF123G20-00075B	63	75.0	2.0	10	5.0	1.30	N123G2-0400- RM
	J	C4	25.0	3	C4-NF123J25-00077B	40	77.0	3.0	10	6.0	0.52	N123J2-0500-0004-TF
		C5	25.0	3	C5-NF123J25-00077B	50	77.0	3.0	10	6.0	0.72	N123J2-0500-0004-TF
		C6	25.0	3	C6-NF123J25-00082B	63	82.0	3.0	10	6.0	1.41	N123J2-0500-0004-TF

SSC = To correspond with SSC on insert. N = Neutral

		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

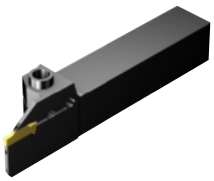
For complete list of spare parts, see www.sandvik.coromant.com

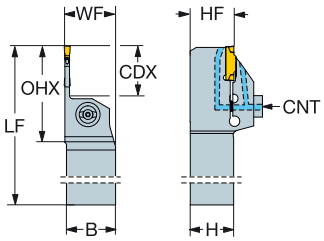
B5 F2 E3 G2 H36 H35 H18 H5

CoroCut® 1-2 shank tool for parting and grooving

Spring lock design

Precision coolant supply





	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm 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

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 H36 H35 H18 H5

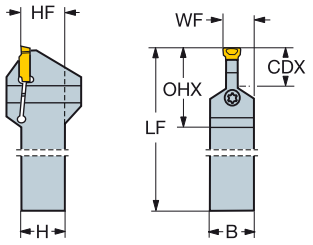
ENG

CoroCut® 1-2 shank tool for parting and grooving

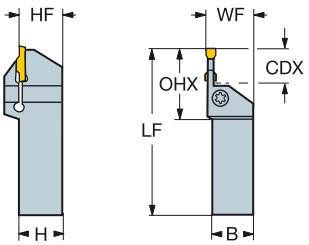
Screw clamp design



NF123..B



R/LF123..B



	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm 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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand


B5


F2


E3



H36


H35



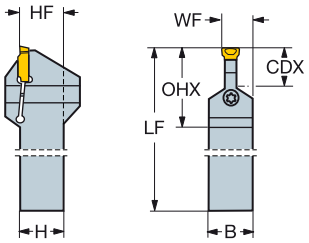
H18

CoroCut® 1-2 shank tool for parting and grooving

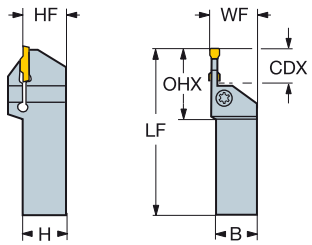
Screw clamp design

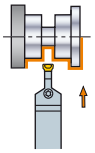


NF123..B



R/LF123..B



	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	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
	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
	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

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

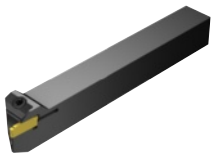
For complete list of spare parts, see www.sandvik.coromant.com

B5 F2 E3 H36 H35 H18

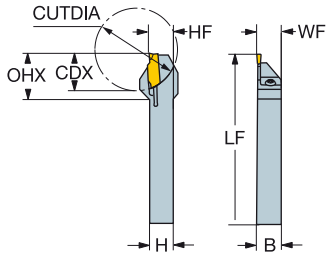
ENG

CoroCut® 1-2 shank tool for parting and grooving

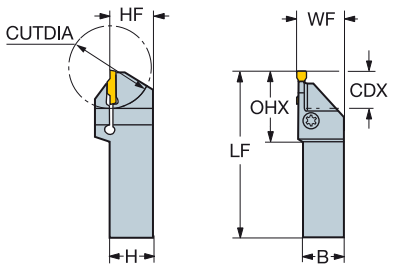
Screw clamp design

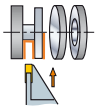


R/LF123..B-S



R/LF123..D



	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm 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
	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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Screw
D	16 x 16	5513 021-04
E	16 x 16	5513 021-04
E	20 x 20	3212 012-259
F	16 x 16	5513 021-04
F	20 x 20-25 x 25	3212 012-259
G	16 x 16	5513 021-04
G	20 x 20-25 x 25	3212 012-310
H	20 x 20-25 x 25	5512 044-01

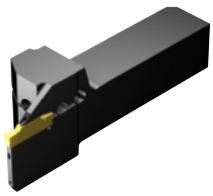
For complete list of spare parts, see www.sandvik.coromant.com

B5 F2 E3 H36 H35 H18

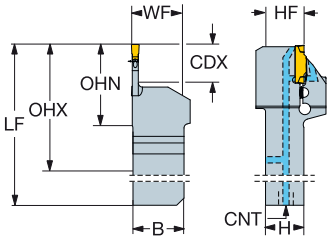
CoroCut® 1-2 QS shank tool for parting and grooving

Spring lock design

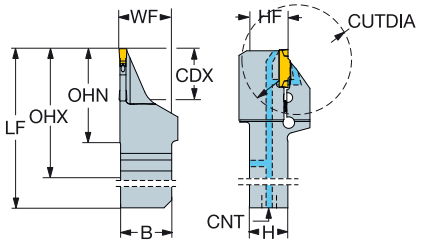
Precision coolant supply



QS-R/LF123..C..E



QS-R/LF123..C..F



	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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
		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	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
		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
		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
		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
		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
		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 complete list of spare parts, see www.sandvik.coromant.com

B5 F2 E3 G2 H36 H35 H18 H5

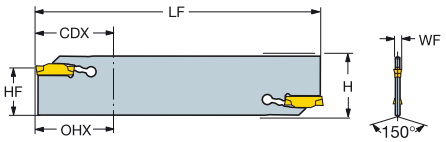
SANDVIK Coromant

ENG

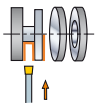
CoroCut® 1-2 blade for parting

Spring lock design

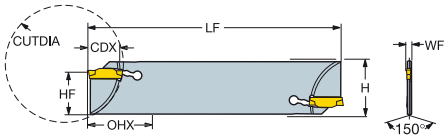




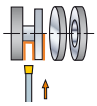
Double ended parting blade

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm H	LF	WF	HF	KG	MIID
	F	21	30.0	30.0	**N123F30-21A2**	25.9	110.0	2.3	21.4	0.05	N123F2-0250-0002-CM
		25	55.0	55.0	**N123F55-25A2**	31.9	150.0	2.3	25.0	0.09	N123F2-0250-0002-CM
	G	21	30.0	30.0	**N123G30-21A2**	25.9	110.0	2.7	21.4	0.06	N123G2-0300-0003-TF
		25	55.0	55.0	**N123G55-25A2**	31.9	150.0	2.3	25.0	0.10	N123G2-0300-0003-TF
	H	25	55.0	55.0	**N123H55-25A2**	31.9	150.0	3.7	25.0	0.13	N123H2-0400-0004-TF
	J	25	55.0	55.0	**N123J55-25A2**	31.9	150.0	4.8	25.0	0.16	N123J2-0500-0002-CM
	K	25	55.0	55.0	**N123K55-25A2**	31.9	150.0	5.8	25.0	0.18	N123K2-0600-0004-CR

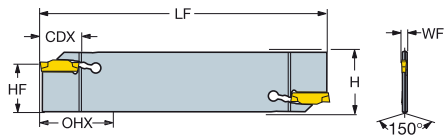




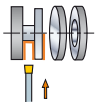
Double ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm H	LF	WF	HF	CUTDIA	KG	MIID
	D	21	15.0	30.0	**N123D15-21A2**	25.9	110.0	1.3	21.4	30	0.05	N123D2-0150-0002-CM
	E	21	15.0	30.0	**N123E15-21A2**	25.9	110.0	1.8	21.4	30	0.05	N123E2-0200-0002-CM





Double ended parting blade with linear reinforcement

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm H	LF	WF	HF	KG	MIID
	D	25	15.0	55.0	**N123D15-25A2**	31.9	150.0	1.3	25.0	0.08	N123D2-0150-0002-CM
	E	25	20.0	55.0	**N123E20-25A2**	31.9	150.0	1.8	25.0	0.07	N123E2-0200-0002-CM

SSC = To correspond with SSC on insert.
For spare parts, visit www.sandvik.coromant.com

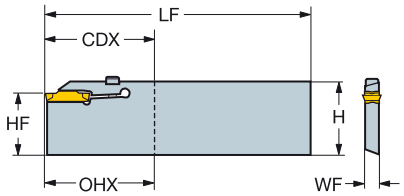
N = Neutral

B5 F2 E3 H36 H35 H18

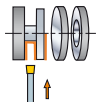
CoroCut® 1-2 blade for parting

Screw clamp design

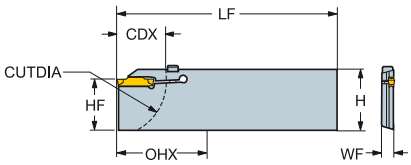




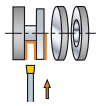
Single ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm 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
		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
	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





Single ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm 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
		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
	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
		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
	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
		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
		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
	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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts
SSC	CZC_{MS}	Clamping screw
E	21L-25R	3212 012-259
F	21L-25R	3212 012-259
G	21L-25R	3212 012-259
H	25L-25R	3212 012-259
M	45L-93R	5512 046-01
R	93L-93R	3212 012-311

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


B5


F2


E3



H36



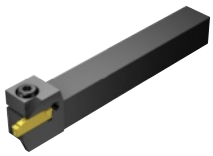
H35



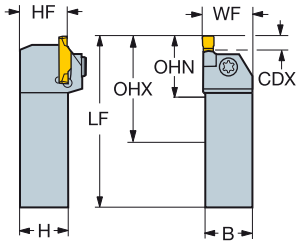
H18

CoroCut® 1-2 shank tool for shallow grooving

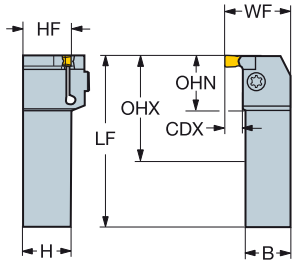
Screw clamp design

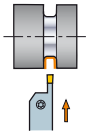


R/LF123..C



R/LG123..C



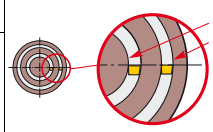
	SSC	CZC_{MS}	CDX_1	CDX_2	OHX	OHN	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	G	16 x 16	7.0	3.5	43.0	27.0	R/LF123G07-1616C	16.0	16.0	125.0	21.0	16.0	3.5	0.27	N123G2-0300-0003-TF
		20 x 20	7.0	3.5	47.0	27.0	R/LF123G07-2020C	20.0	20.0	125.0	21.0	20.0	3.5	0.41	N123G2-0300-0003-TF
		25 x 25	7.0	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
	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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Shallow grooving holders can take several insert sizes. Holder with SSC G can take insert 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	Max cutting depth mm	First cut diameters 123-GM, -TF, -CM, -RM, -TM
G	E	100 – ∞	3.5	
	F	83 – ∞	3.5	
	G	57 – ∞	3.5	
K	H	46 – ∞	4.5	
	J	46 – ∞	4.5	
	K	46 – ∞	4.5	

	Spare parts
Ordering code	Screw
R/LF123G07-1616C	3212 012-309
R/LG123G07-1616C	3212 012-310
R/LF123G07-2020C	3212 012-310
R/LG123G07-2020C	3212 012-310
R/LF123G07-2525C	3212 012-310
R/LG123G07-2525C	3212 012-310
R/LF123K08-2020C	3212 012-360
R/LG123K08-2020C	3212 012-360
R/LF123K08-2525CM	5512 044-01
R/LG123K08-2525CM	5512 044-01

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


B5


F2


E3



H36


H35



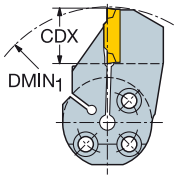
H18

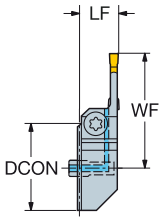
CoroCut® 1-2 head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply







	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	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
		32	12.0	145.0	1	**570-32R/L123D12B**	32	14.0	34.4	10	2.0	0.11	N123D2-0150-0002-CM
	E	25	15.0	139.0	1	**570-25R/L123E15B**	25	14.0	33.9	10	2.0	0.08	N123E2-0200- GM
		32	15.0	139.0	1	**570-32R/L123E15B**	32	14.0	37.4	10	2.0	0.11	N123E2-0200- GM
	F	25	15.0	143.0	1	**570-25R/L123F15B**	25	14.0	33.9	10	2.0	0.08	N123F2-0250- GM
		32	15.0	139.0	1	**570-32R/L123F15B**	32	14.0	37.4	10	2.0	0.12	N123F2-0250- GM
	G	25	18.0	147.0	1	**570-25R/L123G18B**	25	14.0	37.6	10	3.0	0.09	N123G2-0300- GM
		32	18.0	147.0	1	**570-32R/L123G18B**	32	14.0	41.1	10	3.0	0.13	N123G2-0300- GM
		40	18.0	147.0	1	**570-40R/L123G18B**	40	14.0	45.1	10	3.0	0.17	N123G2-0300- GM
	H	32	23.0	95.0	1	**570-32R/L123H23B**	32	18.0	46.1	10	3.0	0.16	N123H2-0400- GM
		40	23.0	95.0	1	**570-40R/L123H23B**	40	18.0	50.1	10	3.0	0.09	N123H2-0400- GM
	J	32	18.0	95.0	1	**570-32R/L123J18B**	32	18.0	41.1	10	4.0	0.14	N123J2-0500- GM
		40	18.0	95.0	1	**570-40R/L123J18B**	40	18.0	45.1	10	3.0	0.21	N123J2-0500- GM
	K	40	18.0	95.0	1	**570-40R/L123K18B**	40	18.0	45.1	10	4.0	0.21	N123K2-0600-GM

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 complete list of spare parts, see www.sandvik.coromant.com

B5 F2 H36 H35 H5 H2

SANDVIK Coromant

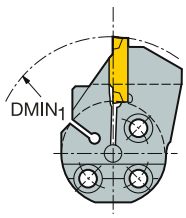
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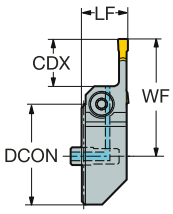
CoroCut® 1-2 head for grooving

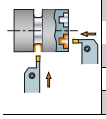
Screw clamp design

CoroTurn® SL - Internal coolant supply



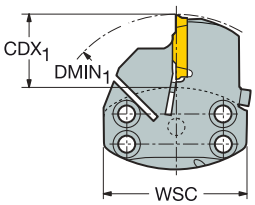


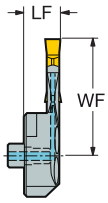


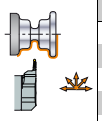
	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	G	25	13.0	147.0	1	570-25R/L123G13C	25	14.0	32.6	10	3.0	0.08	N123G2-0300-0003-TF
		32	13.0	147.0	1	570-32R/L123G13C	32	14.0	36.1	10	2.5	0.11	N123G2-0300-0003-TF
		40	12.0	147.0	1	570-40R/L123G12C	40	14.0	39.1	10	2.0	0.16	N123G2-0300-0003-TF
	J	32	18.0	88.0	1	570-32R/L123J18C	32	14.0	41.1	10	3.0	0.14	N123J2-0500-0002-CM
	K	40	17.0	92.0	1	570-40R/L123K17C	40	18.0	44.1	10	2.5	0.21	N123K2-0600-0004-TF

CoroTurn® SL70 - Precision coolant supply







	SSC	CZC_{MS}	CDX_1	$DMIN_1$	CNSC	Ordering code	Dimensions, mm LF	WF	WSC	BAR	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
	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

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 complete list of spare parts, see www.sandvik.coromant.com

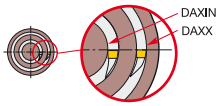
B5 H2 H36 H35 H5 H2

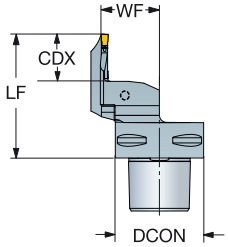
CoroCut® 1-2 cutting unit for face grooving

Spring lock design

Coromant Capto® - Precision coolant supply







B curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	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
		C4	20.0	54.0	75.0	3	C4-R/LF123G20CE-054B	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
		C4	20.0	67.0	100.0	3	C4-R/LF123G20CE-067B	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
		C4	20.0	90.0	160.0	3	C4-R/LF123G20CE-090B	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
	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
		C4	25.0	92.0	140.0	3	C4-R/LF123H25CE-092B	40	70.0	27.0	150	0.56	N123H2-0400-0004-TF
		C4	25.0	132.0	230.0	3	C4-R/LF123H25CE-132B	40	70.0	27.0	150	0.55	N123H2-0400-0004-TF
		C5	25.0	64.0	100.0	3	C5-R/LF123H25CE-064B	50	70.0	33.0	150	0.79	N123H2-0400-0004-TF
		C5	25.0	92.0	140.0	3	C5-R/LF123H25CE-092B	50	70.0	33.0	150	0.79	N123H2-0400-0004-TF
		C5	25.0	132.0	230.0	3	C5-R/LF123H25CE-132B	50	70.0	33.0	150	0.78	N123H2-0400-0004-TF
		C5	25.0	220.0	500.0	3	C5-R/LF123H25CE-220B	50	70.0	33.0	150	0.78	N123H2-0400-0004-TF
		C5	25.0	300.0	2000.0	3	C5-R/LF123H25CE-300B	50	70.0	33.0	150	0.78	N123H2-0400-0004-TF
		C6	25.0	64.0	100.0	3	C6-R/LF123H25CE-064B	63	70.0	39.0	150	1.17	N123H2-0400-0004-TF
		C6	25.0	92.0	140.0	3	C6-R/LF123H25CE-092B	63	70.0	39.0	150	1.17	N123H2-0400-0004-TF
		C6	25.0	132.0	230.0	3	C6-R/LF123H25CE-132B	63	70.0	39.0	150	1.16	N123H2-0400-0004-TF
		C6	25.0	220.0	500.0	3	C6-R/LF123H25CE-220B	63	70.0	39.0	150	1.16	N123H2-0400-0004-TF
		C6	25.0	300.0	2000.0	3	C6-R/LF123H25CE-300B	63	70.0	39.0	150	1.15	N123H2-0400-0004-TF
	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
		C4	25.0	60.0	95.0	3	C4-R/LF123J25CE-060B	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF
		C4	25.0	85.0	130.0	3	C4-R/LF123J25CE-085B	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF
		C4	25.0	120.0	180.0	3	C4-R/LF123J25CE-120B	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF
		C5	20.0	40.0	70.0	3	C5-R/LF123J20CE-040B	50	65.0	33.0	150	0.80	N123J2-0500-0004-TF
		C5	25.0	60.0	95.0	3	C5-R/LF123J25CE-060B	50	70.0	33.0	150	0.64	N123J2-0500-0004-TF
		C5	25.0	85.0	130.0	3	C5-R/LF123J25CE-085B	50	70.0	33.0	150	0.80	N123J2-0500-0004-TF
		C5	25.0	120.0	180.0	3	C5-R/LF123J25CE-120B	50	70.0	33.0	150	0.63	N123J2-0500-0004-TF
		C5	25.0	175.0	500.0	3	C5-R/LF123J25CE-175B	50	70.0	33.0	150	0.75	N123J2-0500-0004-TF
		C6	20.0	40.0	70.0	3	C6-R/LF123J20CE-040B	63	65.0	39.0	150	1.22	N123J2-0500-0004-TF
		C6	25.0	60.0	95.0	3	C6-R/LF123J25CE-060B	63	70.0	39.0	150	1.22	N123J2-0500-0004-TF
		C6	25.0	85.0	130.0	3	C6-R/LF123J25CE-085B	63	70.0	39.0	150	1.22	N123J2-0500-0004-TF
		C6	25.0	120.0	180.0	3	C6-R/LF123J25CE-120B	63	70.0	39.0	150	1.21	N123J2-0500-0004-TF
		C6	25.0	175.0	500.0	3	C6-R/LF123J25CE-175B	63	70.0	39.0	150	1.17	N123J2-0500-0004-TF
	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
		C5	25.0	58.0	100.0	3	C5-R/LF123K25CE-058B	50	70.0	33.0	150	0.81	N123K2-0600-0004-TF
		C5	25.0	88.0	180.0	3	C5-R/LF123K25CE-088B	50	70.0	33.0	150	0.63	N123K2-0600-0004-TF
		C5	25.0	168.0	400.0	3	C5-R/LF123K25CE-168B	50	70.0	33.0	150	0.76	N123K2-0600-0004-TF
		C5	25.0	220.0	1000.0	3	C5-R/LF123K25CE-220B	50	70.0	33.0	150	0.63	N123K2-0600-0004-TF
		C6	20.0	40.0	70.0	3	C6-R/LF123K20CE-040B	63	65.0	39.0	150	1.03	N123K2-0600-0004-TF
		C6	25.0	58.0	100.0	3	C6-R/LF123K25CE-058B	63	70.0	39.0	150	1.23	N123K2-0600-0004-TF
		C6	25.0	88.0	180.0	3	C6-R/LF123K25CE-088B	63	70.0	39.0	150	1.18	N123K2-0600-0004-TF
		C6	25.0	168.0	400.0	3	C6-R/LF123K25CE-168B	63	70.0	39.0	150	1.18	N123K2-0600-0004-TF
		C6	25.0	220.0	1000.0	3	C6-R/LF123K25CE-220B	63	70.0	39.0	150	1.18	N123K2-0600-0004-TF
	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
		C6	28.0	75.0	150.0	3	C6-R/LF123L28CE-075B	63	73.0	39.0	150	1.20	N123L2-0800-0008-TF
		C6	28.0	140.0	400.0	3	C6-R/LF123L28CE-140B	63	73.0	39.0	150	1.18	N123L2-0800-0008-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

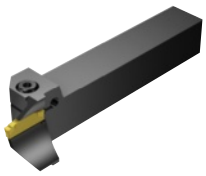
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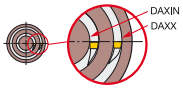
SANDVIK Coromant

ENG

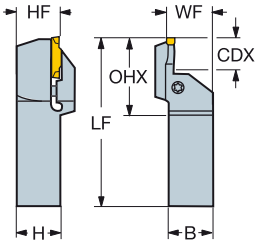
CoroCut® 1-2 shank tool for face grooving

Screw clamp design

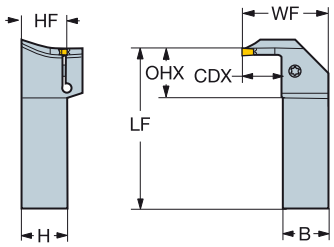




R/LF123..B..B



R/LG123..BM



B curve

								Dimensions, mm								
	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	B	H	LPR	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

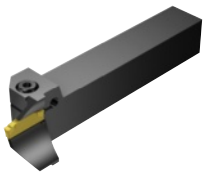
SSC = To correspond with SSC on insert.

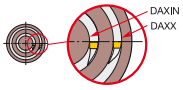
R = Right hand, L = Left hand

B5 F2 E3 H36 H35 H18

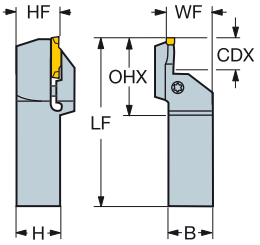
CoroCut® 1-2 shank tool for face grooving

Screw clamp design

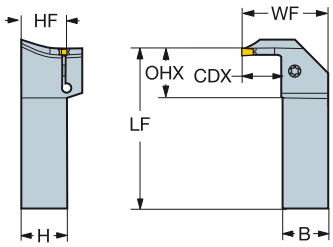




R/LF123..B..B



R/LG123..BM



B curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions, mm B	H	LPR	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
	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
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 complete list of spare parts, see www.sandvik.coromant.com

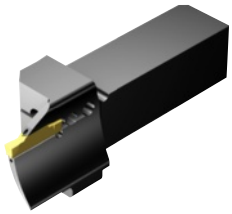
B5 F2 E3 H36 H35 H18

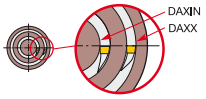
ENG

CoroCut® 1-2 QS shank tool for face grooving

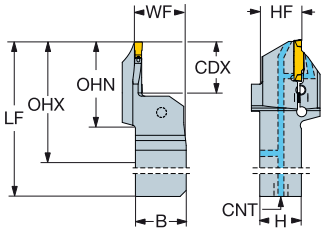
Spring lock design

Precision coolant supply

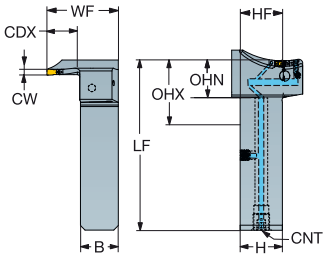




QS-R/LF123..C..E..-B



QS-R/LG123..C..E..B



B curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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
	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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts	
SSC	CZC_{MS}	Plug	Plug
G	20 x 20-25 x 25	3214 013-01	3214 012-01
H	20 x 20-25 x 25	3214 013-01	3214 012-01
J	25 x 25	3214 013-01	3214 012-01
K	25 x 25	3214 013-01	3214 012-01
L	25 x 25	3214 013-01	3214 012-01

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

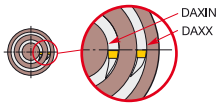
B5 F2 E3 G2 H36 H35 H18 H5

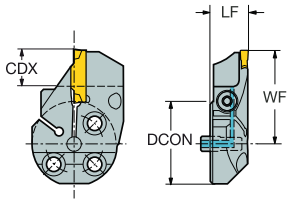
CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply







A curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	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
		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
		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
		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
		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
	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
		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
		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
		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
		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
		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
		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
	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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
	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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
	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
		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
		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
		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
		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
		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
		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
		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
		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
		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

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 complete list of spare parts, see www.sandvik.coromant.com

B5 F2 H36 H35 H5 H2

SANDVIK Coromant

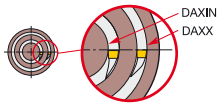
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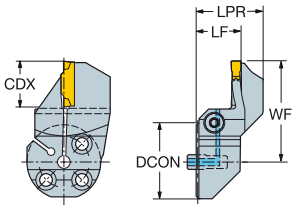
CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply







B curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	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
		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
		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
		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
		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
	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
		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
		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
		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
		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
		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
		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
	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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
	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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
		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
	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
		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
		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
		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
		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
		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
		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
		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
		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
		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

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

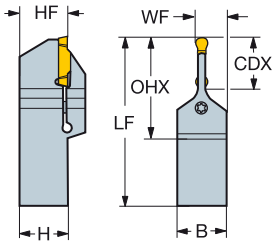
For complete list of spare parts, see www.sandvik.coromant.com

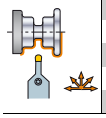
B5 F2 H36 H35 H5 H2

CoroCut® 1-2 shank tool for profiling

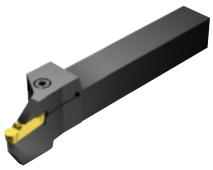
Screw clamp design

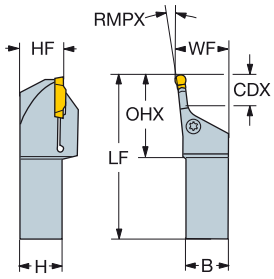




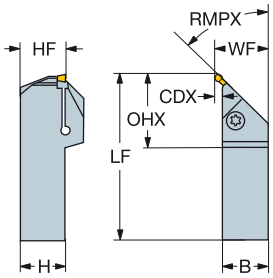
	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	J	25 x 25	25.0	52.2	NF123J25-2525BM	25.0	25.0	150.0	15.0	25.0	6.0	0.66	N123J2-0600- RM
		32 x 25	25.0	52.2	NF123J25-3225BM	25.0	32.0	170.0	15.0	32.0	6.0	0.97	N123J2-0600- RM

R/LX123..B-007

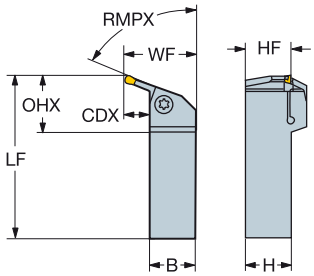


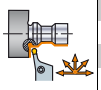
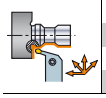


R/LX123..B-045



R/LX123..B-070



	SSC	CZC_{MS}	CDX	RMPX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	L	25 x 25	25.0	7°	63.7	R/LX123L25-2525B-007	25.0	25.0	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	40.0	32.0	6.5	1.45	N123L2-0800- RM
	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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts
Ordering code	Screw
R/LX123G04-2020B-045	3212 012-309
R/LX123G04-2525B-045	3212 012-309
R/LX123J05-2020B-045	3212 012-360
R/LX123J05-2525B-045	3212 012-360
R/LX123J16-2525B-070	3212 012-360
NF123J25-2525BM	5512 044-01
R/LX123J05-3225B-045	3212 012-360
NF123J25-3225BM	5512 044-01
R/LX123J16-3232B-070	3212 012-360
R/LX123L25-2525B-007	3212 012-360
R/LX123L25-3232B-007	3212 012-360

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

B5 F2 E3 H36 H35 H18 H5

SANDVIK Coromant

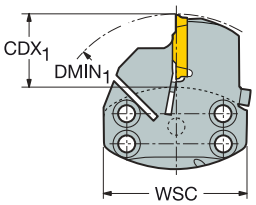
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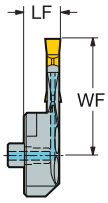
CoroCut® 1-2 head for profiling

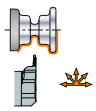
Screw clamp design

CoroTurn® SL70 - Precision coolant supply







	SSC	CZC_{MS}	CDX_1	$DMIN_1$	CNSC	Ordering code	Dimensions, mm LF	WF	WSC	BAR	NM	KG	MIID
	G	70	15.0	100.0	1	**SL70-R/L123G15A-HP**	15.5	48.0	70.0	80	4.0	0.27	N123G2-0300- GM
	H	70	30.0	100.0	1	**SL70-R/L123H30A-HP**	16.0	56.0	70.0	80	4.5	0.30	N123H2-0400- GM
	K	70	15.0	120.0	1	**SL70-R/L123K15A-HP**	18.0	36.0	70.0	80	2.0	0.29	N123J2-0600-RO
		70	45.0	120.0	1	**SL70-R/L123K45A-HP**	18.0	71.0	70.0	80	6.0	0.36	N123K2-0600-GM
		70	30.0	120.0	1	**SL70-R/L123K30A-HP-M**	17.0	55.0	70.0	80	4.5	0.32	N123K2-0600-GM
	L	70	50.0	105.0	1	**SL70-R/L123L50A-HP**	18.0	81.0	70.0	80	6.5	0.39	N123L2-0800-RO
		70	35.0	90.0	1	**SL70-R/L123L35A-HP-M**	18.0	61.0	70.0	80	6.5	0.35	N123L2-0800-RO

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts		
Ordering code	Screw	Nozzle	Guide bush
SL70-R/L123G15A-HP	3212 010-312	5691 026-23	5552 058-04
SL70-R/L123H30A-HP	3212 010-313	5691 026-23	5552 058-04
SL70-R/L123K15A-HP	3214 010-306	5691 026-23	5552 058-04
SL70-R/L123K30A-HP-M	3212 010-313	5691 026-23	5552 058-04
SL70-R/L123K45A-HP	3212 010-313	5691 026-23	5552 058-04
SL70-R/L123L35A-HP-M	3212 010-313	5691 026-23	5552 058-04
SL70-R/L123L50A-HP	3212 010-313	5691 026-23	5552 058-04

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

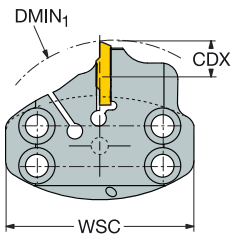
B5 F2 H36 H35 H5 H2

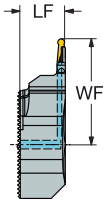
CoroCut® 1-2 head for profiling

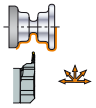
Screw clamp design

CoroTurn® SL70 - Precision coolant supply







	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm LF	WF	WSC	BAR	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
	HN	70	11.0	100.0	1	**SL70-R123H05NC-HP**	17.5	38.4	70.0	80	3.1	0.31	N123H1-0200
	HR	70	11.0	100.0	1	**SL70-L123H05RC-HP**	17.5	38.4	70.0	80	3.1	0.31	R123H1-0200

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 complete list of spare parts, see www.sandvik.coromant.com

B5 F2 H36 H35 H5 H2

SANDVIK Coromant

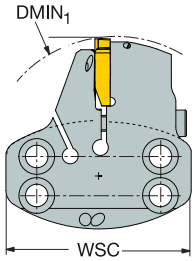
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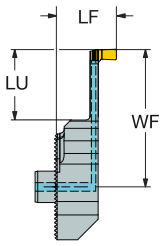
CoroCut® 1-2 head for grooving

Screw clamp design

CoroTurn® SL70 - Internal coolant supply







	SSC	CZC_{MS}	CDX_1	CDX_2	$DMIN_1$	LU	CNSC	Ordering code	Dimensions, mm LF	WF	WSC	BAR	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
	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

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	
SSC	CZC_{MS}	Screw	Guide bush
H	70	3212 020-363	5552 058-04
L	70	3212 020-363	5552 058-04

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

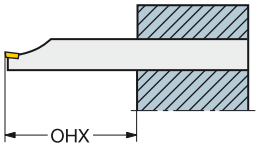
B5 F2 H36 H35 H5 H2

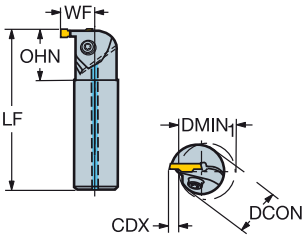
CoroCut® 1-2 boring bar for grooving

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Precision coolant supply







	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	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	25	3212 012-309
H	25	3212 012-309
J	25	3212 012-309

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

B5 F2 G2 H36 H35 H5

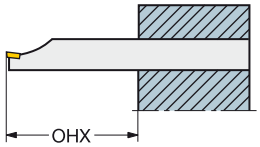
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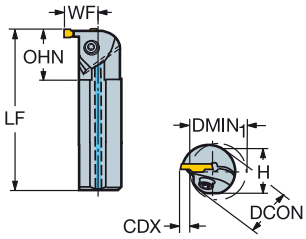
CoroCut® 1-2 boring bar for grooving

Screw clamp design

Cylindrical with flats - Internal coolant supply







	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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 complete list of spare parts, see www.sandvik.coromant.com

B5 F2 G2 H36 H35 H5

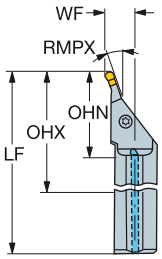
CoroCut® 1-2 boring bar for profiling

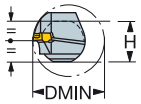
Screw clamp design

Cylindrical with flats - Internal coolant supply

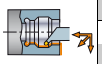
B







C

	SSC	CZC_{MS}	CDX	$DMIN_1$	RMPX	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

D

		Spare parts
SSC	CZC_{MS}	Clamping screw
J	40	5512 044-01
L	40	5512 044-01

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

E

F

G

H

B5 F2 G2 H36 H35 H5

SANDVIK Coromant

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

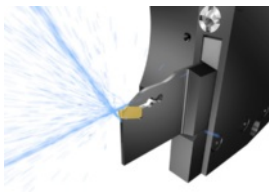
Key for insert indexing

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 adaptors have plug and play function for easy connection in the machine.



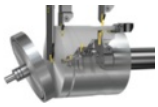
Right hand style shown unless otherwise stated

B52 B52 B52 H35

Inserts

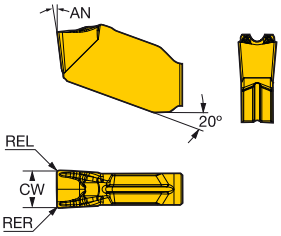
	Parting					Grooving	Turning
	 QD-CF	 QD-CL	 QD-CM	 QD-CO	 QD-CR	 QD-GM	 QD-TF/TM
Insert width, mm Page	1.00-3.00 B53	2.50-8.00 B53	1.00-8.00 B54	2.00-6.00 B54	2.00-6.00 B54	6.00-8.00 B55	3.00-8.00 B56

Tools

			
Tool holding	**Parting and grooving**	**Parting**	**Grooving**
Coromant Capto®	B57		
Blade		B61-B69	
Shank	B58-B59		
QS Shank	B60		
CoroTurn® SL cutting head			B70

CoroCut® QD insert for parting





		SSC	CW	REL	RER	Ordering code	P				M				K				N				S				Dimensions, mm
							1105	1125	1135	1145	1105	1125	1135	1145	1125	1135	1145	4325	1105	1125	1135	1145	1105	1125	1135	1145	AN
Finishing		B	1.0	0.07	0.07	QD-NB-0100-0001-CF		★		☆		★		☆	★		☆			★		☆		☆		★	7°
		C	1.2	0.10	0.10	QD-NC-0120-0001-CF		★		☆		★		☆	★		☆			★		☆		☆		★	7°
		D	1.5	0.10	0.10	QD-ND-0150-0001-CF		★		☆		★		☆	★		☆			★		☆		☆		★	7°
		E	2.0	0.15	0.15	QD-NE-0200-0001-CF	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆		★	☆	☆	☆	★	☆	☆	☆	7°
		F	2.5	0.15	0.15	QD-NF-0250-0001-CF	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	☆	7°
		G	3.0	0.15	0.15	QD-NG-0300-0001-CF	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	☆	7°
Medium		E	2.0	0.30	0.30	QD-NE-0200-0003-CL		☆	★			☆	★		★	☆				★	☆			★	☆		7°
		F	2.5	0.30	0.30	QD-NF-0250-0003-CL		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆		☆	☆	★	7°
		G	3.0	0.30	0.30	QD-NG-0300-0003-CL		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆		☆	☆	★	7°
		H	4.0	0.30	0.30	QD-NH-0400-0003-CL		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆		☆	☆	★	7°
		J	5.0	0.40	0.40	QD-NJ-0500-0004-CL		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆		☆	☆	★	7°
		K	6.0	0.40	0.40	QD-NK-0600-0004-CL		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆		☆	☆	★	7°
		L	8.0	0.40	0.40	QD-NL-0800-0004-CL		☆	★			☆	★		★	☆		☆		★	☆			★	☆		7°

SSC = To correspond with SSC on holder. N = Neutral

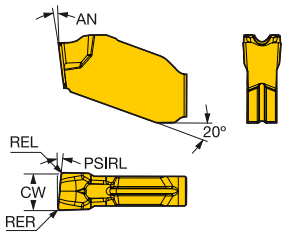
Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
QD-N..-CF	-0.050	0.050	-0.05	0.05
QD-N..-CL	-0.050	0.050	-0.05	0.05

B52 B114 B131 B126 H36 H35 H19 H4

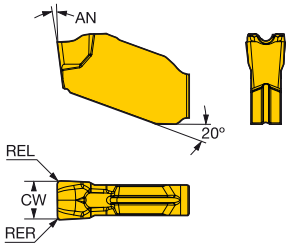
CoroCut® QD insert for parting



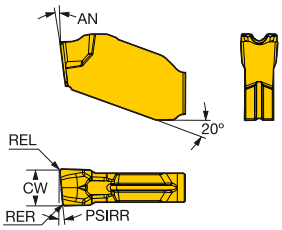
QD-L



QD-N



QD-R



		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 AN
Finishing		E	2.0	0.10	0.10	8°		QD-LE-0200-0801-CO		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		F	2.5	0.10	0.10	8°		QD-LF-0250-0801-CO		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		G	3.0	0.10	0.10	5°		QD-LG-0300-0501-CO		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		E	2.0	0.10	0.10			QD-NE-0200-0001-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆		★	☆	☆	☆	☆	☆	☆	☆	★	7°
		F	2.5	0.10	0.10			QD-NF-0250-0001-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆		★	☆	☆	☆	☆	☆	☆	☆	★	7°
		G	3.0	0.10	0.10			QD-NG-0300-0001-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆		★	☆	☆	☆	☆	☆	☆	☆	★	7°
		H	4.0	0.20	0.20			QD-NH-0400-0002-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆		★	☆	☆	☆	☆	☆	☆	☆	★	7°
		J	5.0	0.20	0.20			QD-NJ-0500-0002-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆		★	☆	☆	☆		☆	☆	☆	★	7°
		K	6.0	0.20	0.20			QD-NK-0600-0002-CO	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆		★	☆	☆	☆		☆	☆	☆	★	7°
		E	2.0	0.10	0.10		8°	QD-RE-0200-0801-CO		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		F	2.5	0.10	0.10		8°	QD-RF-0250-0801-CO		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		G	3.0	0.10	0.10		5°	QD-RG-0300-0501-CO		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
Medium		E	2.0	0.20	0.20	5°		QD-LE-0200-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		F	2.5	0.20	0.20	5°		QD-LF-0250-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		G	3.0	0.20	0.20	5°		QD-LG-0300-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		H	4.0	0.20	0.20	5°		QD-LH-0400-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		B	1.0	0.07	0.07			QD-NB-0100-0001-CM	☆	★		☆	☆	★		☆	★		☆		★	☆		☆		☆	☆		★	7°
		C	1.2	0.10	0.10			QD-NC-0120-0001-CM	☆	★		☆	☆	★		☆	★		☆		★	☆		☆		☆	☆		★	7°
		D	1.5	0.10	0.10			QD-ND-0150-0001-CM	☆	★		☆	☆	★		☆	★		☆		★	☆		☆		☆	☆		★	7°
		E	2.0	0.20	0.20			QD-NE-0200-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	7°
			2.4	0.20	0.20			QD-NE-0239-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	7°
		F	2.5	0.20	0.20			QD-NF-0250-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	7°
		G	3.0	0.20	0.20			QD-NG-0300-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	7°
			3.0	0.40	0.40			QD-NG-0300-0004-CM		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
			3.2	0.20	0.20			QD-NG-0318-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	7°
		H	4.0	0.20	0.20			QD-NH-0400-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	7°
			4.0	0.40	0.40			QD-NH-0400-0004-CM		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
			4.8	0.20	0.20			QD-NH-0476-0002-CM		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
		J	5.0	0.20	0.20			QD-NJ-0500-0002-CM	☆	☆	★	☆	☆	☆	★	☆	★	☆	☆	☆	★	☆	☆	☆		☆	☆	☆	★	7°
		K	6.0	0.30	0.30			QD-NK-0600-0003-CM		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
			6.4	0.30	0.30			QD-NK-0635-0003-CM		☆	★			☆	★		★	☆		☆		★	☆				★	☆		7°
		L	8.0	0.40	0.40			QD-NL-0800-0004-CM		☆	★			☆	★		★	☆		☆		★	☆				★	☆		7°
		E	2.0	0.20	0.20		5°	QD-RE-0200-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		F	2.5	0.20	0.20		5°	QD-RF-0250-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		G	3.0	0.20	0.20		5°	QD-RG-0300-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
		H	4.0	0.20	0.20		5°	QD-RH-0400-0502-CM		☆	★	☆		☆	★	☆	★	☆	☆			★	☆	☆			☆	☆	★	7°
Roughing		E	2.0	0.30	0.30			QD-NE-0200-0003-CR		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
		F	2.5	0.30	0.30			QD-NF-0250-0003-CR		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
		G	3.0	0.30	0.30			QD-NG-0300-0003-CR		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
		H	4.0	0.30	0.30			QD-NH-0400-0003-CR		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
		J	5.0	0.40	0.40			QD-NJ-0500-0004-CR		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°
		K	6.0	0.40	0.40			QD-NK-0600-0004-CR		☆	★	☆		☆	★	☆	★	☆	☆	☆		★	☆	☆			☆	☆	★	7°

SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
QD-L..-CM	-0.050	0.050	-0.05	0.05
QD-L..-CO	-0.020	0.020	-0.05	0.05
QD-N..-CM	-0.050	0.050	-0.05	0.05
QD-N..-CO	-0.020	0.020	-0.05	0.05
QD-N..-CR	-0.050	0.050	-0.05	0.05
QD-R..-CM	-0.050	0.050	-0.05	0.05
QD-R..-CO	-0.020	0.020	-0.05	0.05

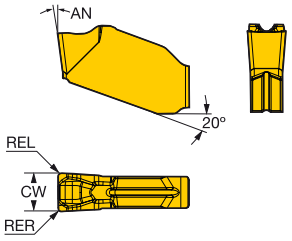
B52 B114 B131 B126 H36 H35 H19

SANDVIK Coromant

ENG

CoroCut® QD insert for grooving





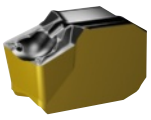
		SSC	CW	REL	RER	Ordering code	P 1125	P 1135	P 1145	M 1125	M 1135	M 1145	K 1125	K 1135	K 4325	N 1125	N 1135	S 1125	S 1135	S 1145	Dimensions, mm AN
Medium		K	6.0	0.40	0.40	QD-NK-0600-0004-GM	☆	★	☆	☆	★	☆	☆	☆	★	★	☆	★	☆	☆	7°
		L	8.0	0.80	0.80	QD-NL-0800-0008-GM	☆	★	☆	☆	★	☆	☆	☆	★	★	☆	★	☆	☆	7°

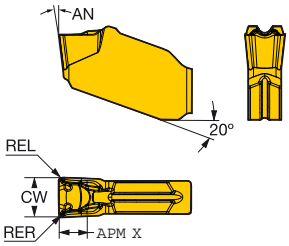
SSC = To correspond with SSC on holder. N = Neutral

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
QD-N..-GM	-0.050	0.050	-0.05	0.05

B52 B114 B131 B126 H36 H35 H19

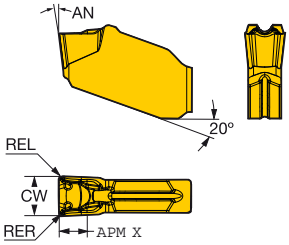
CoroCut® QD insert for turning





		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 AN
Finishing		G	3.0	0.30	0.30	2.1	QD-NG-0300-0003-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆		☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
		H	4.0	0.40	0.40	2.8	QD-NH-0400-0004-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆		☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
		J	5.0	0.40	0.40	3.5	QD-NJ-0500-0004-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆		☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
		K	6.0	0.40	0.40	4.0	QD-NK-0600-0004-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆		☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°
		L	8.0	0.80	0.80	4.0	QD-NL-0800-0008-TF	☆	☆	★	☆	☆	☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	★	★	☆	☆	☆	☆	7°





		SSC	CW	REL	RER	APMX	Ordering code	P 1125	P 1135	M 1125	M 1135	K 1125	K 1135	N 1125	N 1135	S 1125	S 1135	Dimensions, mm AN
Medium		G	3.0	0.40	0.40	2.1	QD-NG-0300-0004-TM	☆	★	☆	★	★	☆	★	☆	★	☆	7°
		H	4.0	0.40	0.40	2.8	QD-NH-0400-0004-TM	☆	★	☆	★	★	☆	★	☆	★	☆	7°
			4.0	0.80	0.80	2.8	QD-NH-0400-0008-TM	☆	★	☆	★	★	☆	★	☆	★	☆	7°
		J	5.0	0.40	0.40	3.5	QD-NJ-0500-0004-TM	☆	★	☆	★	★	☆	★	☆	★	☆	7°
		K	6.0	0.40	0.40	4.0	QD-NK-0600-0004-TM	☆	★	☆	★	★	☆	★	☆	★	☆	7°

SSC = To correspond with SSC on holder. N = Neutral

Tolerances:

	CWTOLL	CWTOLU	RETOLL	RETOLU
QD-N..-TF	-0.050	0.050	-0.05	0.05
QD-N..-TM	-0.050	0.050	-0.05	0.05

B52 B114 B131 B126 H36 H35 H19

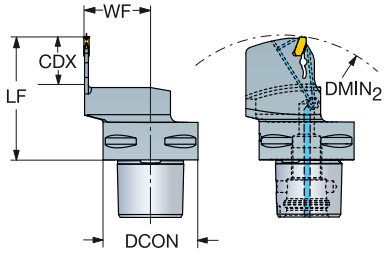
ENG

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 DCON	LF	WF	BAR	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
	C4	22.0	151.0	3	C4-QD-R/LFE22C27060A	40	60.0	27.0	150	0.43	QD-NE-0200-0002-CM
F	C3	25.0	133.0	3	C3-QD-R/LFF25C22055A	32	55.0	22.0	150	0.20	QD-NF-0250-0002-CM
	C4	25.0	151.0	3	C4-QD-R/LFF25C27060A	40	60.0	27.0	150	0.41	QD-NF-0250-0002-CM
	C5	25.0	170.0	3	C5-QD-R/LFF25C35065A	50	65.0	35.0	150	0.71	QD-NF-0250-0002-CM
G	C3	25.0	133.0	3	C3-QD-R/LFG25C22055A	32	55.0	22.0	150	0.25	QD-NG-0300-0002-CM
	C4	25.0	151.0	3	C4-QD-R/LFG25C27060A	40	60.0	27.0	150	0.42	QD-NG-0300-0002-CM
	C5	25.0	170.0	3	C5-QD-R/LFG25C35065A	50	65.0	35.0	150	0.71	QD-NG-0300-0002-CM
	C6	25.0	97.0	3	C6-QD-R/LFG25C45070A	63	70.0	45.0	150	1.21	QD-NG-0300-0002-CM
H	C4	32.0	161.0	3	C4-QD-R/LFH32C27070A	40	70.0	27.0	150	0.40	QD-NH-0400-0002-CM
	C5	32.0	175.0	3	C5-QD-R/LFH32C35070A	50	70.0	35.0	150	0.70	QD-NH-0400-0002-CM
	C6	32.0	202.0	3	C6-QD-R/LFH32C45075A	63	75.0	45.0	150	1.19	QD-NH-0400-0002-CM
J	C4	32.0	161.0	3	C4-QD-R/LFJ32C27070A	40	70.0	27.0	150	0.52	QD-NJ-0500-0002-CM
	C5	32.0	175.0	3	C5-QD-R/LFJ32C35070A	50	70.0	35.0	150	0.63	QD-NJ-0500-0002-CM
	C6	32.0	202.0	3	C6-QD-R/LFJ32C45075A	63	75.0	45.0	150	1.20	QD-NJ-0500-0002-CM
K	C4	32.0	161.0	3	C4-QD-R/LFK32C27070A	40	70.0	27.0	150	0.40	QD-NK-0600-0003-CM
	C5	32.0	175.0	3	C5-QD-R/LFK32C35070A	50	70.0	35.0	175	0.70	QD-NK-0600-0003-CM
	C6	40.0	212.0	3	C6-QD-R/LFK40C45085A	63	85.0	45.0	150	1.27	QD-NK-0600-0003-CM
	C8	38.0	241.0	3	C8-QD-R/LFK38C51090A	80	90.0	51.0	150	2.19	QD-NK-0600-0003-CM
L	C8	38.0	241.0	3	C8-QD-R/LFL38C51090A	80	90.0	51.0	150	2.31	QD-NL-0800-0004-CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

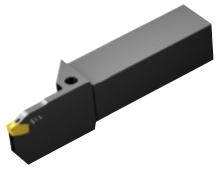
B52 F2 E3 G2 H36 H35 H21 H5

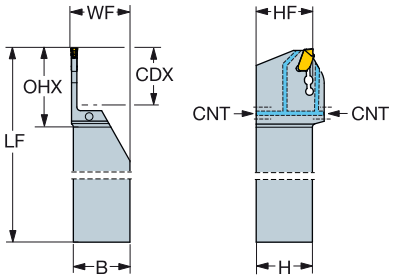
CoroCut® QD shank tool for parting and grooving

Spring lock design

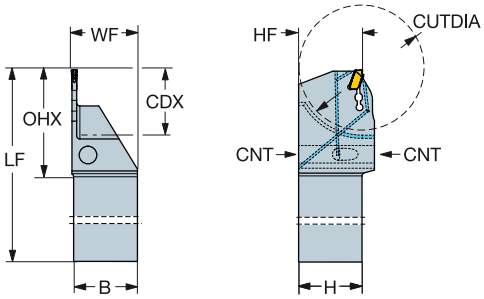
Precision coolant supply

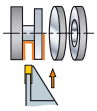
TSYC QD-R/LF..C..A





QD-R/LF..C..D



	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CUTDIA	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
	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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Coolant plug
G	32 x 32	5643 018-01
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 complete list of spare parts, see www.sandvik.coromant.com

B52 F2 E3 G2 H36 H35 H21 H5

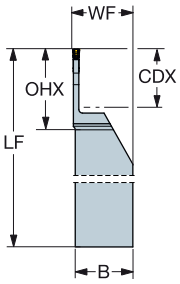
ENG

CoroCut® QD shank tool for parting and grooving

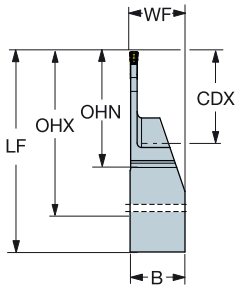
Spring lock design

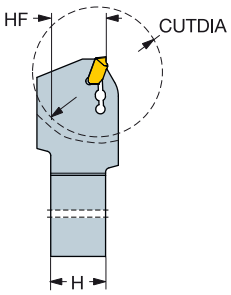
TSYC QD-R/LF..A





QD-R/LF..S





	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm B	H	LF	WF	HF	CUTDIA	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
	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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com


B52


F2


E3



H36


H35

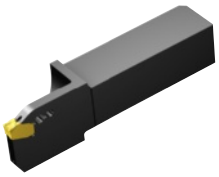


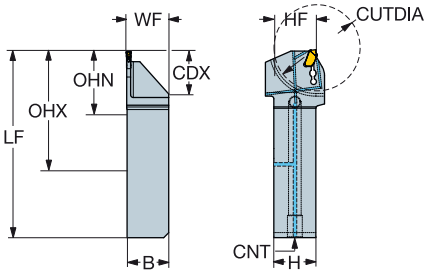
H21

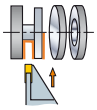
CoroCut® QD QS shank tool for parting and grooving

Spring lock design

Precision coolant supply





	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts	
SSC	CZC_{MS}	Plug	Plug
D	20 x 20	3214 013-01	3214 012-01
E	20 x 20-25 x 25	3214 013-01	3214 012-01
F	20 x 20-25 x 25	3214 013-01	3214 012-01
G	20 x 20-25 x 25	3214 013-01	3214 012-01
H	20 x 20-25 x 25	3214 013-01	3214 012-01
J	25 x 25	3214 013-01	3214 012-01
K	25 x 25	3214 013-01	3214 012-01

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

B52 F2 E3 G2 H36 H35 H21 H5

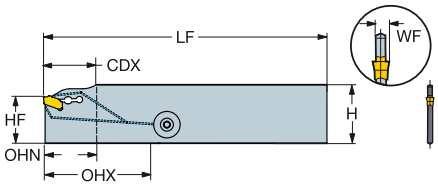
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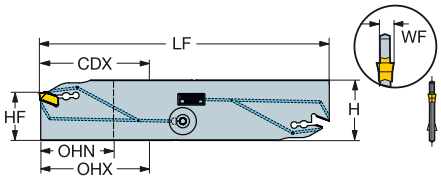
CoroCut® QD blade for parting

Spring lock design

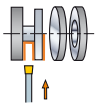
Neutral coupling - Precision coolant supply



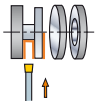




Single ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm H	LF	WF	HF	BAR	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
	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
	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
	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
		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

Double ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm H	LF	WF	HF	BAR	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
	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
	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
	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
		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
		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
	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
		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
	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
		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
	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
		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
	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

SSC = To correspond with SSC on insert.

N = Neutral, R = Right hand

		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 complete list of spare parts, see www.sandvik.coromant.com

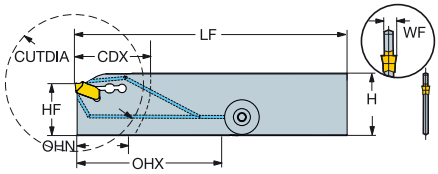
B52 F2 E3 H36 H35 H20 H5

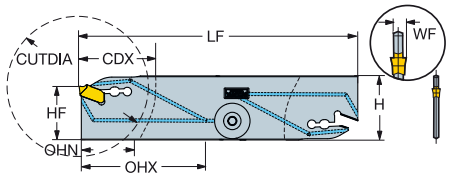
CoroCut® QD blade for parting

Spring lock design

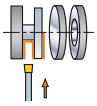
Neutral coupling - Precision coolant supply



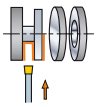




Single ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm H	LF	WF	HF	CUTDIA	BAR	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

Double ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm H	LF	WF	HF	CUTDIA	BAR	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
	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
	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
	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

SSC = To correspond with SSC on insert.

N = Neutral, R = Right hand

		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

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

B52 F2 E3 H36 H35 H20 H5

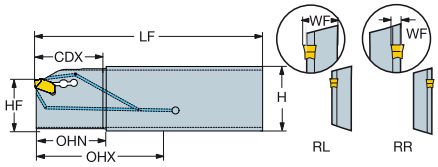
ENG

CoroCut® QD blade for parting

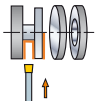
Spring lock design

Right hand coupling - Precision coolant supply

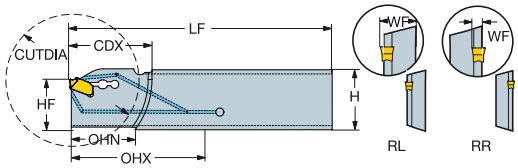




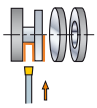
Single ended parting blade with linear reinforcement

	SSC	CZC$_{MS}$	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm H	LF	WF	HF	BAR	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
		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
	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
		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
	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
		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
	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
		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





Single ended parting blade with curved reinforcement

	SSC	CZC$_{MS}$	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm H	LF	WF	HF	CUTDIA	BAR	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
		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
	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
		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
	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
		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
		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

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

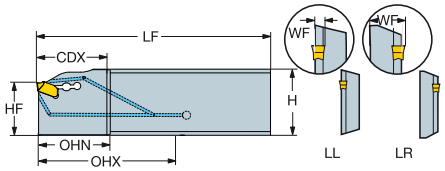
B52 F2 E3 H36 H35 H20 H5

CoroCut® QD blade for parting

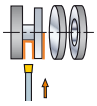
Spring lock design

Left hand coupling - Precision coolant supply

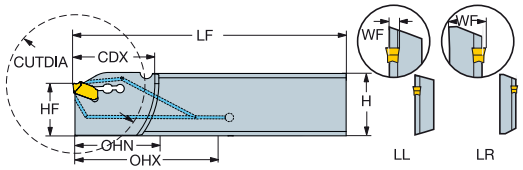




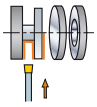
Single ended parting blade with linear reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm H	LF	WF	HF	BAR	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
		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
	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
		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
	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
		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
	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
		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





Single ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm H	LF	WF	HF	CUTDIA	BAR	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
		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
	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
		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
	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
		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
		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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

B52 F2 E3 H36 H35 H20 H5

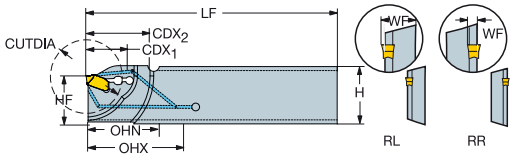
ENG

CoroCut® QD blade for parting

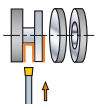
Spring lock design

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 H	LF	WF	HF	CUTDIA	BAR	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
		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
	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
		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
	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
		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
	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
		21L	18.0	28.0	50.0	18.0	2	QD-RR1G18C21D2	25.9	110.0	2.7	21.4	36	70	0.17	QD-NG-0300-0002-CM

SSC = To correspond with SSC on insert.
For machines with sub-spindle.
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

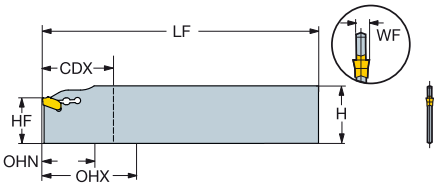
B52 F2 E3 H36 H35 H20 H5

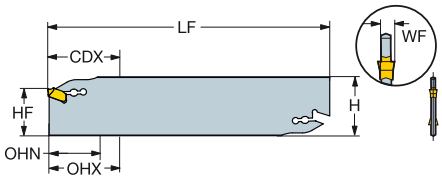
CoroCut® QD blade for parting

Spring lock design

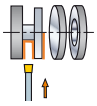
Neutral coupling







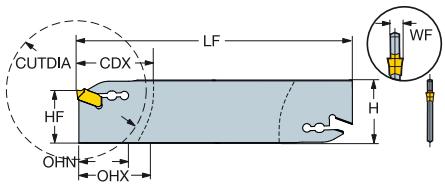
Single ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm 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
	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
	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
	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
		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

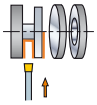
Double ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm 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
	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
		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
	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
		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
		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
	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
		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
	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





Double ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm 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

SSC = To correspond with SSC on insert.

N = Neutral, R = Right hand

For spare parts, visit www.sandvik.coromant.com

B52 F2 E3 H36 H35 H20

SANDVIK Coromant

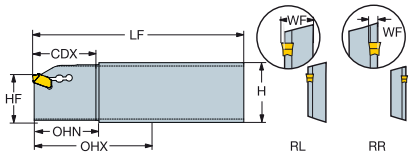
ENG

CoroCut® QD blade for parting

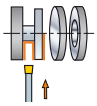
Spring lock design

Right hand coupling

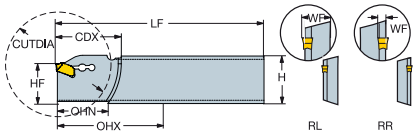




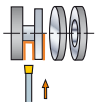
Single ended parting blade with linear reinforcement

	SSC	CZC$_{MS}$	CDX	OHX	OHN	Ordering code	Dimensions, mm 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
		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





Single ended parting blade with curved reinforcement

	SSC	CZC$_{MS}$	CDX	OHX	OHN	Ordering code	Dimensions, mm 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
		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
		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

SSC = To correspond with SSC on insert.
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

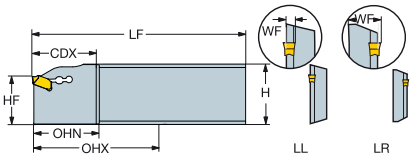
B52 F2 E3 H36 H35 H20

CoroCut® QD blade for parting

Spring lock design

Left hand coupling

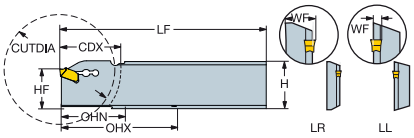




Single ended parting blade with linear reinforcement

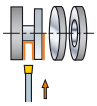
	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm H	LF	WF	HF	KG	MIID
	G	25R	33.0	50.0	33.0	QD-LL1G33-25A	31.9	110.0	2.7	25.1	0.19	QD-NG-0300-0002-CM
		25R	33.0	50.0	33.0	QD-LR1G33-25A	31.9	110.0	8.3	25.1	0.19	QD-NG-0300-0002-CM





Single ended parting blade with curved reinforcement

	SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	Dimensions, mm 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
		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
		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



SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

B52 F2 E3 H36 H35 H20

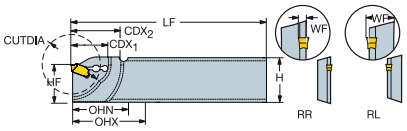
ENG

CoroCut® QD blade for parting

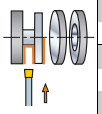
Spring lock design

Right hand coupling





Single ended parting blade with two reinforced curves

	SSC	CZC$_{MS}$	CDX$_1$	CDX$_2$	OHX	OHN	Ordering code	Dimensions, mm 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
		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
	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
		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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

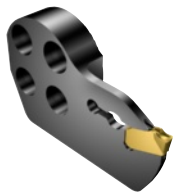
For spare parts, visit www.sandvik.coromant.com

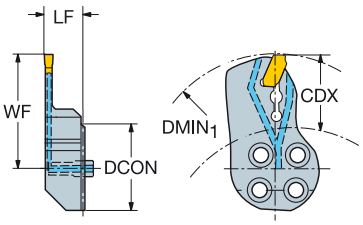
B52 F2 E3 H36 H35 H20

CoroCut® QD head for grooving

Spring lock design

CoroTurn® SL - Precision coolant supply





	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	BAR	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
		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
	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
		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
	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
		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
		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
	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
		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
	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
	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

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 complete list of spare parts, see www.sandvik.coromant.com

B52 F2 H36 H35 H21 H5 H2

SANDVIK Coromant

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 due to three cutting edges
- Stable interface
- Three-edge inserts with very close insert indexing tolerance
- Tailor Made inserts available

Right hand style shown unless otherwise stated

www.sandvik.coromant.com/corocut3

Inserts

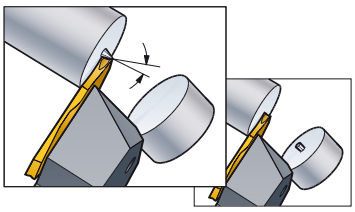
- GC1125: One versatile grade in four different geometries:
- CM for parting off in the medium feed area
- CS for parting off in extremely low feed machining
- GS for precision grooving at low feed
- RS for profiling and grooving at low feed

Tools

- Coromant Capto®
- QS Shank tools
- Rectangular shank holders
- CoroTurn® SL cutting heads

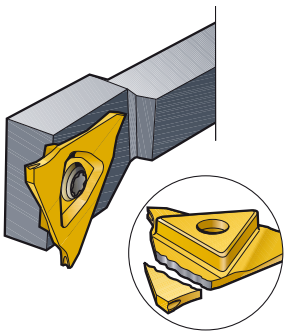
Front angled inserts

Inserts available with front angle for pip and burr free parting off.



Independant insert location if breakages occur

Inserts can be indexed directly in 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.

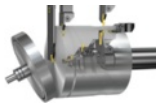


B72 B72 H35

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
Page	B73	B73	B75	B76

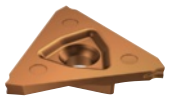
Tools

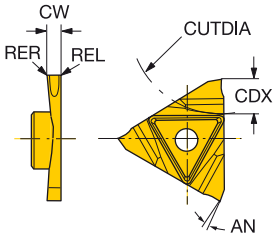
		
Tool holding	**Parting and grooving**	**Grooving**
Coromant Capto®	B77	
Shank	B78	
CoroTurn® SL cutting head		B79

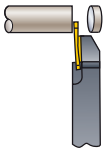
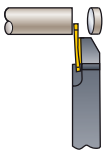
ENG

CoroCut® 3 insert for parting

Shallow parting





		SSC	CW	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
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
			1.50	0.00	0.00	6.4	N123T3-0150-0000-CS	★	★	★	★	★	7°	100.00	-0.050	0.030	0.000	0.050
			2.00	0.00	0.00	6.4	N123T3-0200-0000-CS	★	★	★	★	★	7°	100.00	-0.050	0.030	0.000	0.050
		U	1.00	0.00	0.00	4.3	N123U3-0100-0000-CS	★	★	★	★	★	7°	50.00	-0.050	0.030	0.000	0.050
			1.50	0.00	0.00	6.4	N123U3-0150-0000-CS	★	★	★	★	★	7°	100.00	-0.050	0.030	0.000	0.050
			2.00	0.00	0.00	6.4	N123U3-0200-0000-CS	★	★	★	★	★	7°	100.00	-0.050	0.030	0.000	0.050
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
			1.50	0.10	0.10	6.4	N123T3-0150-0001-CM	★	★	★	★	★	7°	100.00	-0.030	0.030	-0.050	0.050
			2.00	0.10	0.10	6.4	N123T3-0200-0001-CM	★	★	★	★	★	7°	100.00	-0.030	0.030	-0.050	0.050
		U	1.00	0.10	0.10	4.3	N123U3-0100-0001-CM	★	★	★	★	★	7°	50.00	-0.030	0.030	-0.050	0.050
			1.50	0.10	0.10	6.4	N123U3-0150-0001-CM	★	★	★	★	★	7°	100.00	-0.030	0.030	-0.050	0.050
			2.00	0.10	0.10	6.4	N123U3-0200-0001-CM	★	★	★	★	★	7°	100.00	-0.030	0.030	-0.050	0.050

SSC = To correspond with SSC on holder.

N = Neutral

T = Right hand cutting insert, U = Left hand cutting insert.

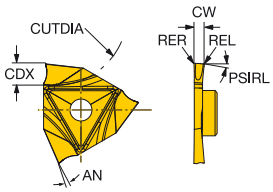
B72 B114 B131 B128 H36 H35 H17

CoroCut® 3 insert for parting

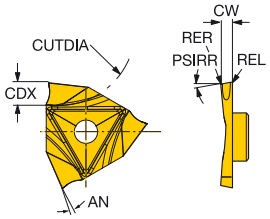
Shallow parting

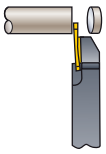


L123T3-CS



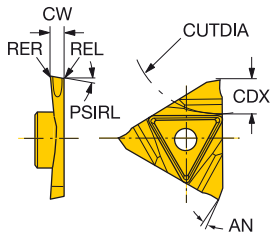
R123T3-CS



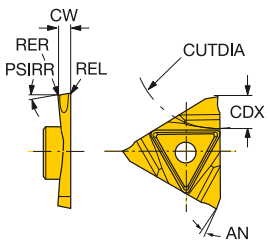
		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		T	1.00	0.00	0.00	4.2	5.0		L123T3-0100-0500-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			1.00	0.00	0.00	4.2	10.0		L123T3-0100-1000-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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

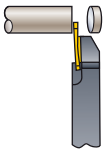


L123U3-CS



R123U3-CS



		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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

SSC = To correspond with SSC on holder.
T = Right hand cutting insert, U = Left hand cutting insert.

R = Right hand, L = Left hand

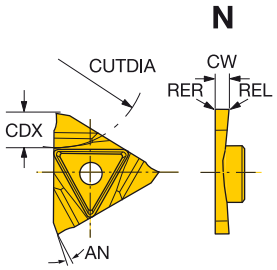
B72 B114 B131 B128 H36 H35 H17

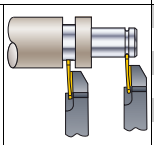
SANDVIK Coromant

CoroCut® 3 insert for grooving

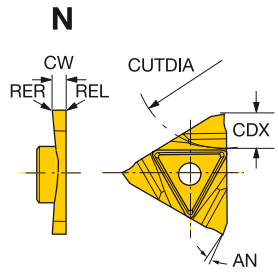
Grooving

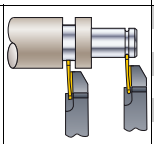




		SSC	CW	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
								Dimensions, mm									
Finishing		T	0.50	0.00	0.00	1.5	N123T3-0050-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			0.60	0.00	0.00	1.6	N123T3-0060-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			0.70	0.00	0.00	1.7	N123T3-0070-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			0.80	0.00	0.00	1.8	N123T3-0080-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			0.90	0.00	0.00	2.0	N123T3-0090-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.00	0.00	0.00	2.2	N123T3-0100-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.20	0.00	0.00	2.3	N123T3-0120-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.40	0.00	0.00	2.7	N123T3-0140-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.50	0.00	0.00	3.0	N123T3-0150-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.60	0.00	0.00	3.2	N123T3-0160-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.70	0.00	0.00	3.3	N123T3-0170-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.95	0.00	0.00	3.9	N123T3-0195-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			2.00	0.00	0.00	4.0	N123T3-0200-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			2.25	0.00	0.00	4.5	N123T3-0225-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			2.50	0.00	0.00	5.0	N123T3-0250-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			2.75	0.00	0.00	5.5	N123T3-0275-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			3.00	0.00	0.00	6.0	N123T3-0300-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			3.18	0.00	0.00	6.0	N123T3-0318-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050





		SSC	CW	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
								Dimensions, mm									
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
			0.70	0.00	0.00	1.7	N123U3-0070-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			0.80	0.00	0.00	1.8	N123U3-0080-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			0.90	0.00	0.00	2.0	N123U3-0090-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.00	0.00	0.00	2.2	N123U3-0100-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.20	0.00	0.00	2.3	N123U3-0120-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.40	0.00	0.00	2.7	N123U3-0140-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.50	0.00	0.00	3.0	N123U3-0150-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.60	0.00	0.00	3.2	N123U3-0160-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			1.70	0.00	0.00	3.3	N123U3-0170-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			2.00	0.00	0.00	4.0	N123U3-0200-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			2.25	0.00	0.00	4.5	N123U3-0225-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			2.50	0.00	0.00	5.0	N123U3-0250-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050
			3.00	0.00	0.00	6.0	N123U3-0300-0000-GS	★	★	★	★	7°	100.00	-0.020	0.020	0.000	0.050

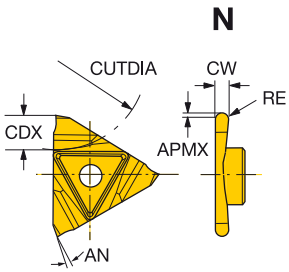
SSC = To correspond with SSC on holder.
T = Right hand cutting insert, U = Left hand cutting insert.
N = Neutral

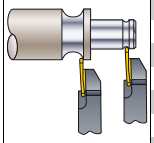
B72 B114 B131 B128 H36 H35 H17

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										
Finishing		T	0.50	0.25	1.5	0.3	N123T3-0050-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			0.80	0.40	1.8	0.5	N123T3-0080-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			1.00	0.50	2.2	0.5	N123T3-0100-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			1.50	0.75	3.3	0.5	N123T3-0150-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			2.00	1.00	4.0	1.0	N123T3-0200-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			2.50	1.25	5.0	1.0	N123T3-0250-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			3.00	1.50	6.0	1.0	N123T3-0300-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
		U	0.50	0.25	1.5	0.3	N123U3-0050-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			0.80	0.40	1.8	0.5	N123U3-0080-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			1.00	0.50	2.2	0.5	N123U3-0100-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			1.50	0.75	3.3	0.5	N123U3-0150-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			2.00	1.00	4.0	1.0	N123U3-0200-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050
			3.00	1.50	6.0	1.0	N123U3-0300-RS	★	★	★	★	7°	100.00	-0.020	0.020	-0.050	0.050

SSC = To correspond with SSC on holder.

T = Right hand cutting insert, U = Left hand cutting insert.

N = Neutral

B72 B114 B131 B128 H36 H35 H17

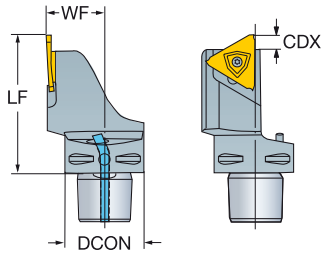
ENG

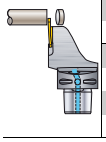
CoroCut® 3 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply





	SSC	CZC_{MS}	CDX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	T	C3	6.4	3	**C3-RF123T06-22045BM**	32	45.0	22.0	10	3.0	0.23	N123T3-0150- CM
		C4	6.4	3	**C4-RF123T06-27060BM**	40	60.0	27.0	10	3.0	0.45	N123T3-0150- CM
	U	C3	6.4	3	**C3-LF123U06-22045BM**	32	45.0	22.0	10	3.0	0.23	N123U3-0150- CM
		C4	6.4	3	**C4-LF123U06-27060BM**	40	60.0	27.0	10	3.0	0.45	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	Nozzle
5513 020-62	5691 034-01

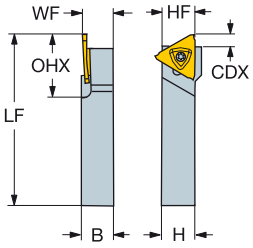
For complete list of spare parts, see www.sandvik.coromant.com

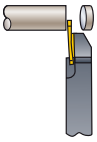
B72 F2 E3 G2 H36 H35 H18 H5

CoroCut® 3 shank tool for parting and grooving

Screw clamp design





	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm 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

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 complete list of spare parts, see www.sandvik.coromant.com

B72 F2 E3 H36 H35 H18

SANDVIK Coromant

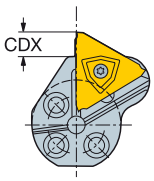
ENG

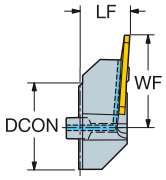
CoroCut® 3 head for grooving

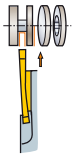
Screw clamp design

CoroTurn® SL - Internal coolant supply







	SSC	CZC_{MS}	CDX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	T	25	6.4	1	570-25L123T06B	25	14.0	26.0	10	3.0	0.08	N123T3-0150- CM
		32	6.4	1	570-32L123T06B	32	14.0	28.5	10	3.0	0.11	N123T3-0150- CM
		40	6.4	1	570-40L123T06B	40	14.0	32.5	10	3.0	0.15	N123T3-0150- CM
	U	25	6.4	1	570-25R123U06B	25	14.0	26.0	10	3.0	0.08	N123U3-0150- CM
		32	6.4	1	570-32R123U06B	32	14.0	28.5	10	3.0	0.11	N123U3-0150- CM
		40	6.4	1	570-40R123U06B	40	14.0	32.5	10	3.0	0.15	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
Clamping screw
5513 020-62

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

B72 F2 H36 H35 H5 H2

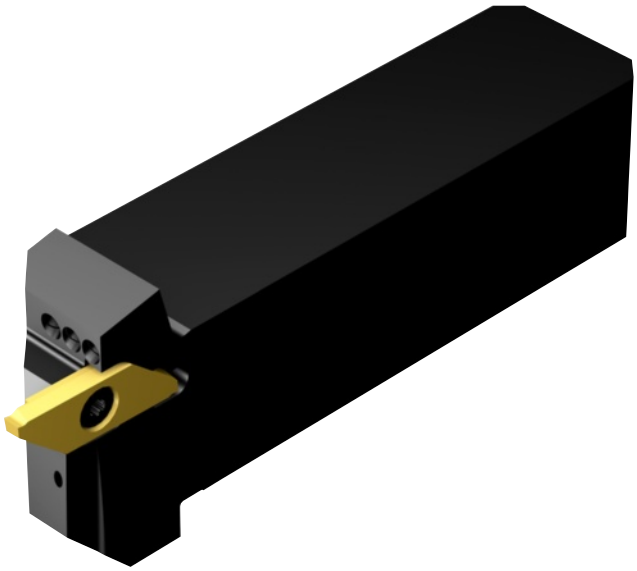
CoroCut® XS

For external machining of small and slender components

B

Application

- Parting off
- External threading
- External grooving
- Turning



C

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 maintain the tool holder intact in case of insert breakage.
- Available with precision coolant

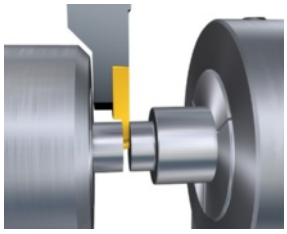
D

E

www.sandvik.coromant.com/corocutxs

Holders

Dedicated holders for parting off close to sub spindle are available in high precision square shank style.



F

Inserts

G

Turning	Back turning	Parting off	Grooving	Profiling	Threading
A261	A261	B81	B101	B105	C56

Tools

QS™ shank tools	CoroTurn® SL cutting heads
B83	B84

Right hand style shown unless otherwise stated

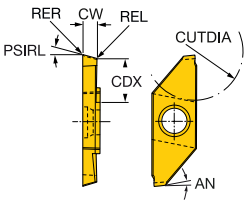
H

ENG

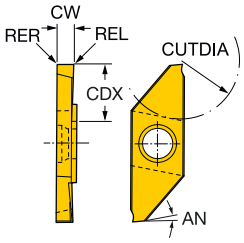
CoroCut® XS insert for parting



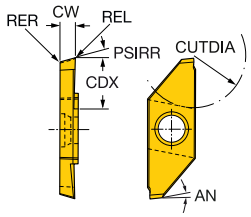
MACR/L-L



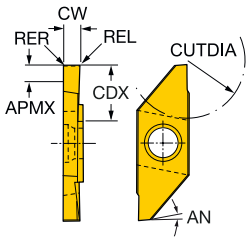
MACR/L-N

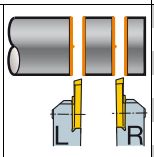
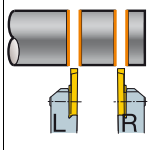
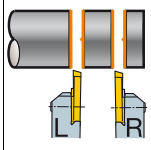
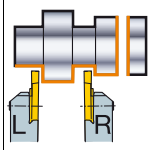


MACR/L-R



MACR/L-T



		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	APMX	Ordering code	P 1025	P 1105	M 1025	M 1105	M H13A	K 1025	K H13A	N 1025	N 1105	N H13A	S 1025	S 1105	S H13A	Dimensions, mm AN
Finishing		3	0.7	0.05	0.05	4.3		15°		MACR/L 3 070-R	★		★			★		★			★			6°
			1.0	0.05	0.05	6.3		15°		MACR/L 3 100-R	★		★		☆	★	☆	★		☆	★		☆	6°
			1.5	0.05	0.05	6.3		15°		MACR/L 3 150-R	★		★		☆	★	☆	★		☆	★		☆	6°
			2.0	0.05	0.05	8.5		15°		MACR/L 3 200-R	★		★		☆	★	☆	★		☆	★		☆	6°
		3	0.7	0.05	0.05	4.3				MACR/L 3 070-N	☆	★	☆	★		★		☆	★		☆	★		6°
			1.0	0.05	0.05	6.3				MACR/L 3 100-N	☆	★	☆	★		★		☆	★		☆	★		6°
			1.5	0.05	0.05	6.3				MACR/L 3 150-N	☆	★	☆	★		★		☆	★		☆	★		6°
			2.0	0.05	0.05	8.5				MACR/L 3 200-N	☆	★	☆	★		★		☆	★		☆	★		6°
		3	0.7	0.05	0.05	4.3	15°			MACR/L 3 070-L	☆	★	☆	★		★		☆	★		☆	★		6°
			1.0	0.05	0.05	6.3	15°			MACR/L 3 100-L	☆	★	☆	★		★		☆	★		☆	★		6°
			1.5	0.05	0.05	6.3	15°			MACR/L 3 150-L	☆	★	☆	★		★		☆	★		☆	★		6°
			1.5	0.05	0.05	6.3		20°		MACR/L 3 150-R20	★		★			★		★			★			6°
			2.0	0.05	0.05	8.5	15°			MACR/L 3 200-L	☆	★	☆	★		★		☆	★		☆	★		6°
			2.0	0.05	0.05	8.5		20°		MACR/L 3 200-R20	★		★			★		★			★			6°
		3	1.0	0.05	0.05	6.3			1.5	MACR/L 3 100-T	☆	★	☆	★		★		☆	★		☆	★		6°
			1.5	0.05	0.05	6.3			1.5	MACR/L 3 150-T	☆	★	☆	★		★		☆	★		☆	★		6°
			2.0	0.05	0.05	8.2			3.0	MACR/L 3 200-T	☆	★	☆	★		★		☆	★		☆	★		6°
			2.5	0.05	0.05	8.2			3.0	MACR/L 3 250-T	☆	★	☆	★		★		☆	★		☆	★		6°

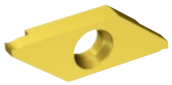
SSC = To correspond with SSC on tool.

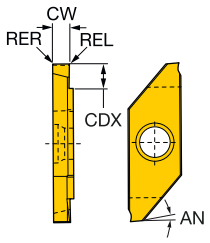
R = Right hand, L = Left hand

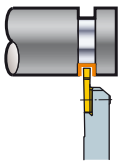
Tolerances:	CWTOLL	CWTOLU	RETOLL	RETOLU
MACR/L-L	-0.020	0.020	-0.03	0.03
MACR/L-N	-0.020	0.020	-0.03	0.03
MACR/L-R	-0.020	0.020	-0.03	0.03
MACR/L-R20	-0.020	0.020	-0.03	0.03
MACR/L-T	-0.020	0.020	-0.03	0.03

B83 B120 B131 H36 H24

CoroCut® XS insert for grooving

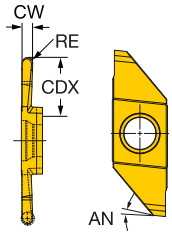


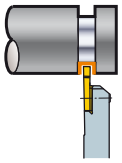


		SSC	CW	REL	RER	CDX	Ordering code	P 1025	M 1025	M H13A	K 1025	K H13A	N 1025	N H13A	S 1025	S H13A	Dimensions, mm AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		3	0.50	0.05	0.05	1.3	MAGR/L 3 050	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			0.75	0.05	0.05	2.5	MAGR/L 3 075	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			1.00	0.05	0.05	2.7	MAGR/L 3 100	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			1.25	0.05	0.05	2.7	MAGR/L 3 125	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			1.50	0.05	0.05	3.7	MAGR/L 3 150	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			1.75	0.05	0.05	3.7	MAGR/L 3 175	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			2.00	0.05	0.05	3.7	MAGR/L 3 200	★	★	☆	★	☆	★	☆	★	☆	6°	-0.025	0.025	-0.020	0.020
			2.50	0.05	0.05	3.7	MAGR/L 3 250	★	★		★		★		★		6°	-0.025	0.025	-0.020	0.020

CoroCut® XS insert for profiling





		SSC	CW	RE	CDX	APMX	Ordering code	P 1025	M 1025	K 1025	N 1025	S 1025	Dimensions, mm 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
			1.25	0.63	5.0	4.0	MAPL 3 125	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025
			1.60	0.80	7.5	4.0	MAPL 3 160	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025
			2.50	1.25	7.5	4.0	MAPL 3 250	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025

SSC = To correspond with SSC on tool.

R = Right hand, L = Left hand

B83 B120 B131 H36 H24

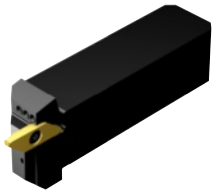
SANDVIK Coromant

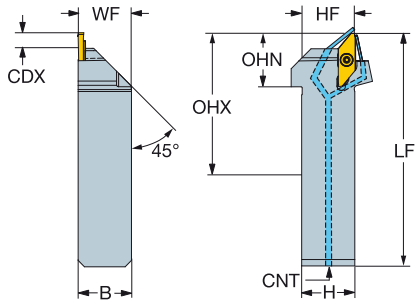
ENG

CoroCut® XS QS shank tool for parting and grooving

Screw clamp design

Precision coolant supply





SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 027-01	5691 026-13

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

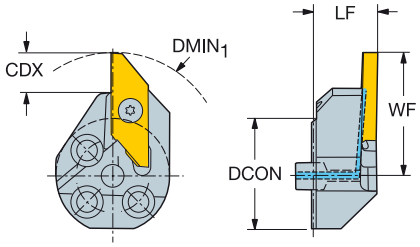
B81 F2 E3 G2 H36 H5

CoroCut® XS head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	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
		32	8.2	50.0	1	**570-32R/LSMAL3**	32	14.0	30.5	10	1.2	0.12	MACR 3 200-N

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 complete list of spare parts, see www.sandvik.coromant.com

B81 F2 H36 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 due 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
Page	B86	B86	B87	B87

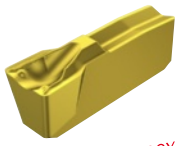
Tools

	Undercutting	External face grooving	Internal grooving	Internal face grooving
Shank tools	B88	B89		
CoroTurn® SL cutting heads		B90	B91-B92	
Boring bars			B93-B94	B95

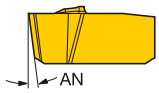
Right hand style shown unless otherwise stated

H35

T-Max® Q-Cut insert for grooving

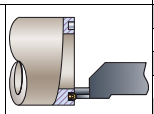


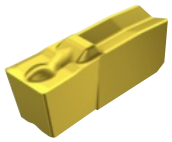


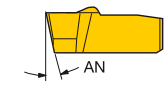




Face grooving, internal grooving and turning

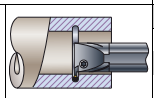
		SSC	CW	REL	RER	Ordering code	P 1125	P 1145	P 2135	P 3020	M 1125	M 1145	M 2135	K 1125	K 2135	K 3020	N 1125	N 2135	S 1125	S 1145	S 2135	Dimensions, mm AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		25	3.00	0.30	0.30	N151.3-300-25-7G	☆	☆	★	☆	☆	☆	★	★	☆	☆	★	☆	★	☆	☆	8°	0.000	0.100	-0.100	0.100
		30	4.00	0.40	0.40	N151.3-400-30-7G	☆	☆	★	☆	☆	☆	★	★	☆	☆	★	☆	★	☆	☆	8°	0.000	0.100	-0.100	0.100
		40	5.00	0.40	0.40	N151.3-500-40-7G	☆		★	☆	☆		★	★	☆	☆	★	☆	★		☆	8°	0.000	0.100	-0.100	0.100
		50	6.00	0.40	0.40	N151.3-600-50-7G	☆		★		☆		★	★	☆		★	☆	★		☆	8°	0.000	0.100	-0.100	0.100



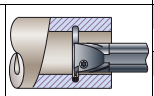




Internal grooving

		SSC	CW	REL	RER	Ordering code	P 1125	P 1145	P 2135	M 1125	M 1145	M 2135	M H13A	K 1125	K 2135	K H13A	N 1125	N 2135	N H13A	S 1125	S 1145	S 2135	S H13A	Dimensions, mm AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		20	2.00	0.20	0.20	N151.3-200-20-4G	☆	☆	★	☆	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	11°	-0.020	0.020	-0.050	0.050
		25	2.39	0.18	0.18	N151.3-A094-25-4G	★	☆		★	☆		☆	★		☆	★		☆	★	☆		☆	11°	-0.020	0.020	-0.051	0.051
			2.46	0.33	0.33	N151.3-A097-25-4G	★			★			☆	★		☆	★		☆	★			☆	11°	-0.020	0.020	-0.051	0.051
			2.67	0.18	0.18	N151.3-A105-25-4G		★			★		☆			★			★		★		☆	11°	-0.020	0.020	-0.051	0.051
			2.79	0.33	0.33	N151.3-A110-25-4G	★			★				★			★			★				11°	-0.020	0.020	-0.051	0.051
		30	3.00	0.20	0.20	N151.3-300-30-4G	☆	☆	★	☆	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	11°	-0.020	0.020	-0.050	0.050
			3.18	0.18	0.18	N151.3-A125-30-4G	★			★			☆	★		☆	☆		★	★			☆	11°	-0.020	0.020	-0.051	0.051
			3.61	0.33	0.33	N151.3-A142-30-4G	★			★				★			★			★				11°	-0.020	0.020	-0.051	0.051
		40	4.00	0.20	0.20	N151.3-400-40-4G	☆	☆	★	☆	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	☆	☆	11°	-0.020	0.020	-0.050	0.050
			3.96	0.18	0.18	N151.3-A156-40-4G		★			★										★			11°	-0.020	0.020	-0.051	0.051
			4.70	0.56	0.56	N151.3-A185-40-4G	★			★				★			★			★				11°	-0.020	0.020	-0.051	0.051
			4.80	0.56	0.56	N151.3-A189-40-4G	★			★				★			★			★				11°	-0.020	0.020	-0.051	0.051
		50	5.00	0.20	0.20	N151.3-500-50-4G	☆		★	☆		★	☆	★	☆	☆	★	☆	☆	★		☆	☆	11°	-0.020	0.020	-0.050	0.050
		60	6.00	0.20	0.20	N151.3-600-60-4G	★			★				★			★			★				9°	-0.020	0.020	-0.050	0.050

For circlip grooves

		SSC	CW	REL	RER	Ordering code	P 1125	M 1125	M H13A	K 1125	K H13A	N 1125	N H13A	S 1125	S H13A	Dimensions, mm 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
			2.15	0.15	0.15	N151.3-215-20-4G	★	★		★		★		★		11°	0.090	0.130	-0.050	0.050
		25	2.65	0.15	0.15	N151.3-265-25-4G	★	★	☆	★	☆	★	☆	★	☆	11°	0.090	0.130	-0.050	0.050

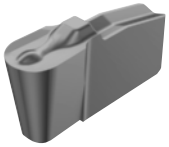
SSC = To correspond with SSC on holder.

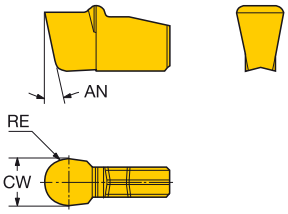
N = Neutral

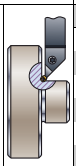
B88 B93 B114 B131 B129 H36 H35 H4

ENG

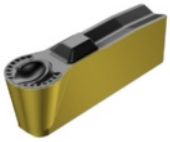
T-Max® Q-Cut insert for undercutting

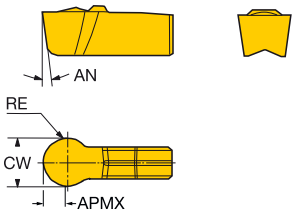




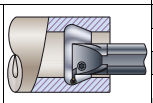
		SSC	CW	RE	REL	RER	APMX	Ordering code	P 525	P H13A	M 525	M H13A	K H13A	N H13A	S H13A	Dimensions, mm AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		20	2.00	1.00	1.00	1.00	1.0	N151.2-200-20-4U	☆	☆	☆	☆	★	★	★	7°	-0.020	0.020	-0.020	0.020
		25	3.00	1.50	1.50	1.50	1.5	N151.2-300-25-4U		☆		★	★	★	★	7°	-0.020	0.020	-0.020	0.020

T-Max® Q-Cut insert for profiling





Internal profiling and face grooving

		SSC	CW	RE	APMX	Ordering code	P 1125	P 2135	P 4225	M 1125	M 2135	K 1125	K 2135	K 4225	N 1125	N 2135	S 1125	S 2135	Dimensions, mm 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
		30	4.00	2.00	1.7	N151.3-400-30-7P	★	☆	☆	☆	★	☆	☆	★	★	☆	★	☆	8°	-0.050	0.050	-0.020	0.020
		40	5.00	2.50	2.2	N151.3-500-40-7P	★			★		★			★		★		8°	-0.050	0.050	-0.020	0.020
		50	6.00	3.00	2.7	N151.3-600-50-7P	★			★		★			★		★		8°	-0.050	0.050	-0.020	0.020

SSC = To correspond with SSC on holder.

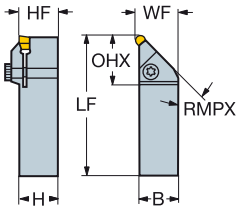
N = Neutral

B88 B93 B114 B131 B129 H36 H35 H24

T-Max® Q-Cut shank tool for undercutting

Screw clamp design





	SSC	CZC_{MS}	CDX	RMPX	OHX	Ordering code	Dimensions, mm 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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Clamping screw
20	25 x 25	3212 012-259
25	25 x 25	3212 012-259
30	20 x 20-25 x 25	3212 012-259
40	20 x 20-25 x 25	3212 012-360
50	25 x 25	3212 012-360
60	25 x 25-32 x 25	3212 012-360

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


B86


F2



H36



H35


E3

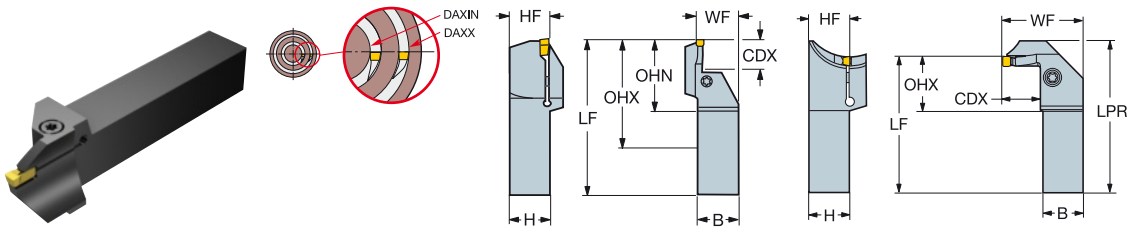
SANDVIK Coromant

ENG

T-Max® Q-Cut shank tool for face grooving

Screw clamp design

R/LF151.37 R/LG151.37



B curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	Dimensions, mm B	H	LPR	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
	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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts
Clamping screw
3212 012-360

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

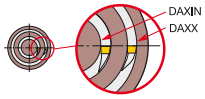
B86 F2 E3 H36 H35

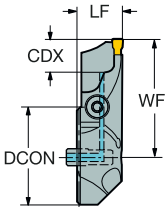
T-Max® Q-Cut head for face grooving

Screw clamp design

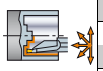
CoroTurn® SL - Internal coolant supply



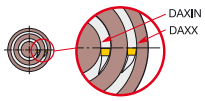


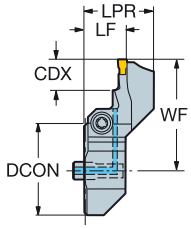


A curve

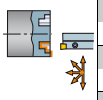
	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	NM	KG	MIID
	25	32	8.7	24.0	35.0	1	570-32R/L151.3-024A25	32	14.0	37.4	10	2.0	0.09	N151.3-300-25- 7G
	30	32	8.7	27.0	45.0	1	570-32R151.3-027A30	32	14.0	43.1	10	3.5	0.11	N151.3-400-30- 7G
		32	8.7	32.0	50.0	1	570-32R151.3-032A30	32	14.0	43.1	10	3.5	0.11	N151.3-400-30- 7G
	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







B curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	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
		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
	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
		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
	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
		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

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts	
SSC	CZC_{MS}	Screw	Coolant tube
25	32	3212 012-260	5691 041-01
30	32	3212 012-310	5691 041-03
40	32	3212 012-310	5691 041-02
50	32	3212 012-310	5691 041-02

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

B86 F2 H36 H35 H5 H2

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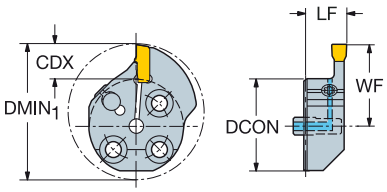
ENG

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 DCON	LF	WF	BAR	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
		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
	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
		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
	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
		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
		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
	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
		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
	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
		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
	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
		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

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 complete list of spare parts, see www.sandvik.coromant.com

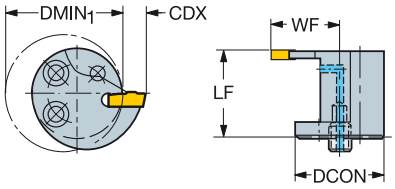
B86 F2 H36 H35 H5 H2

T-Max® Q-Cut head for grooving

Spring clamp design

CoroTurn® SL - Internal coolant supply



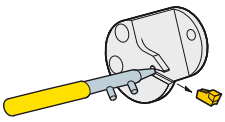


	SSC	CZC$_{MS}$	CDX	DMIN$_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	KG	MIID
	20	16	8.5	25.0	1	R/LAG551.31-160808-20	16	8.0	16.5	10	0.03	N151.3-200-20- 4G
		16	3.5	20.0	1	R/LAG551.31-161603-20	16	16.0	11.5	10	0.03	N151.3-200-20- 4G
	25	16	5.6	22.0	1	R/LAG551.31-161605-25	16	15.9	13.6	10	0.02	N151.3-265-25- 4G
		20	11.6	32.0	1	R/LAG551.31-201011-25	20	9.9	21.6	10	0.04	N151.3-265-25- 4G
		20	4.6	25.0	1	R/LAG551.31-202004-25	20	19.9	14.6	10	0.04	N151.3-265-25- 4G
	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
		25	14.5	40.0	1	R/LAG551.31-251214-30	25	12.0	27.0	10	0.06	N151.3-300-30- 4G
		25	6.5	32.0	1	R/LAG551.31-252506-30	25	24.5	19.0	10	0.08	N151.3-300-30- 4G
	40	25	6.6	32.0	1	RAG551.31-252506-40	25	24.5	19.2	10	0.08	N151.3-400-40- 4G
		32	17.6	50.0	1	R/LAG551.31-321617-40	32	15.5	33.7	10	0.01	N151.3-400-40- 4G
		32	7.6	40.0	1	R/LAG551.31-323207-40	32	31.5	23.7	10	0.14	N151.3-400-40- 4G
	50	32	7.5	40.0	1	RAG551.31-323207-50	32	31.5	23.5	10	0.14	N151.3-500-50- 4G
		40	19.5	60.0	1	R/LAG551.31-402019-50	40	19.5	39.5	10	0.22	N151.3-500-50- 4G
		40	9.5	50.0	1	RAG551.31-404009-50	40	39.5	29.5	10	0.28	N151.3-500-50- 4G

SSC = To correspond with SSC on insert.

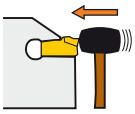
R = Right hand, L = Left hand

Accessories (to be ordered separately)



Insert key

5680 057-021



No pivot holes are provided in the T-Max Q-Cut® SL cutting heads. 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.

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ENG

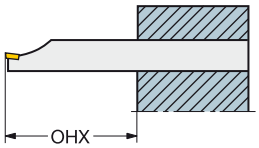
T-Max® Q-Cut boring bar for grooving

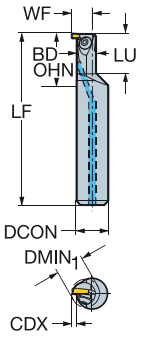
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

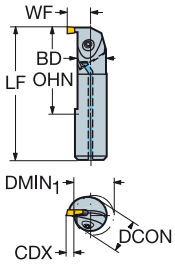


DSGN 1





2



	SSC	CZC_{MS}	CDX	$DMIN_1$	LU	OHX	OHN	CNSC	DSGN	Ordering code	Dimensions, mm 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
Clamping screw
5512 031-03

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

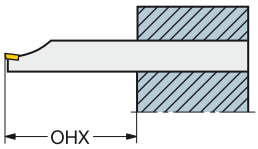
B86 F2 G2 H36 H35 H5

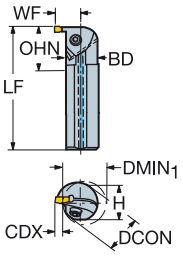
T-Max® Q-Cut boring bar for grooving

Screw clamp design

Cylindrical with flats - Internal coolant supply







	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC_{MS}	Clamping screw
25	32	5512 031-03
30	32	5512 031-03
40	32-40	3212 012-359
50	32-40	3212 012-359

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

B86 F2 G2 H36 H35 H5

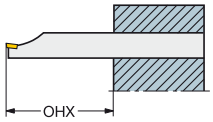
ENG

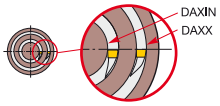
T-Max® Q-Cut boring bar for face grooving

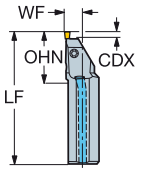
Screw clamp design

Cylindrical with flats - Internal coolant supply

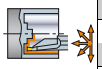










	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	HF	BAR	NM	KG	MIID
	25	25	5.3	18.0	101.0	62.5	31.4	1	**R/LAF151.37-25-024A25**	25	23.0	200.0	12.8	0.1	10	3.0	0.62	N151.3-300-25- 7G
	30	25	5.3	16.0	101.0	62.5	31.4	1	**R/LAF151.37-25-024A30**	25	23.0	200.0	12.8	0.1	10	3.0	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 complete list of spare parts, see www.sandvik.coromant.com

B86 F2 G2 H36 H35 H5

CoroThread® 266

For circlip grooving and other shallow grooves

B

Application

- Shallow grooving
- Circlip grooving
- Low to medium feeds



C

ISO application area:

P M K N S

D

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

E

www.sandvik.coromant.com/corothread266

Inserts

- Inserts in grade GC1135
- Positive geometry for low cutting force

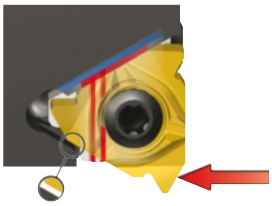
Tools

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

F

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.



Right hand style shown unless otherwise stated

G

H

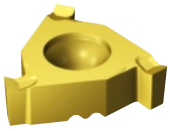
B97 B98 H35

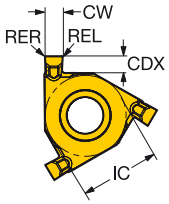
SANDVIK Coromant

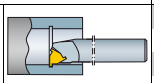
ENG

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	Dimensions, mm AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		16	1.10	0.08	0.08	1.3	254R/LG-16CC01-110	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			1.30	0.08	0.08	1.6	254R/LG-16CC01-130	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			1.60	0.08	0.08	1.9	254R/LG-16CC01-160	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			1.85	0.08	0.08	1.9	254R/LG-16CC01-185	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			2.15	0.08	0.08	1.9	254R/LG-16CC01-215	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
		22	2.15	0.08	0.08	2.2	254R/LG-22CC01-215	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			2.65	0.15	0.15	2.2	254R/LG-22CC01-265	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			3.15	0.15	0.15	2.2	254R/LG-22CC01-315	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			4.15	0.15	0.15	2.6	254R/LG-22CC01-415	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020

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 C75

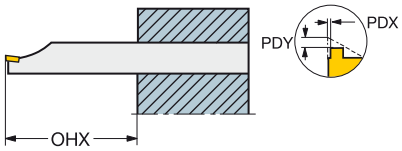
B98 B114 B131 B130 H36 H26

CoroThread® 266 boring bar for grooving

Screw clamp design dedicated for circlip grooves

Internal coolant supply

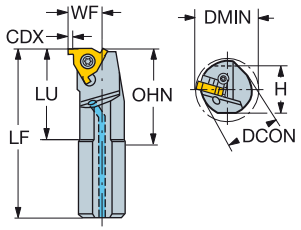




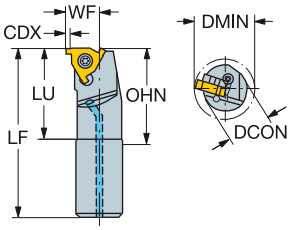


266R/LL,
254R/LG

254R/LKF



254R/LKF-R



Cylindrical with flats

		CZC$_{MS}$	CDX	DMIN$_1$	LU	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	LF	WF	BAR	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..
	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..

Cylindrical

		CZC$_{MS}$	CDX	DMIN$_1$	LU	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	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..
	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..

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 bars 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 a right hand insert.

	Spare parts
CZC$_{MS}$	Screw
16	5513 020-02
20	5513 020-07

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

B97 F2 G2 H36 H5 H27

SANDVIK Coromant

ENG

CoroTurn® XS

Internal turning, face grooving and threading of small components

Application

- Internal turning
- Copying
- Backboring
- Profiling
- Grooving
- Face grooving
- Pre-parting
- Threading



ISO application area:

P M N S H O

Benefits and features

- Optimized for machining of 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 adaptors
- Clamping nut ensures easy change of cutting tool with cylindrical carbide shank adaptors

www.sandvik.coromant.com/coroturnxs

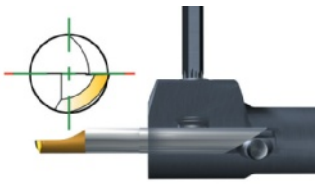
Internal coolant

- The adaptors 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
						
A254	A259	B100	B101	B104	B105	C60

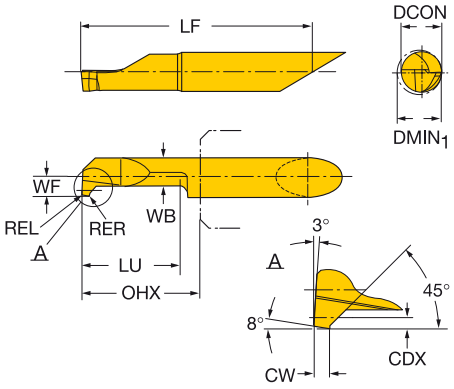
Adaptors

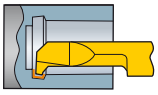
Coromant Capto®	Rectangular shank	Cylindrical shank with flat
		
F21	F30	F37

Right hand style shown unless otherwise stated

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 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
	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
	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
	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

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

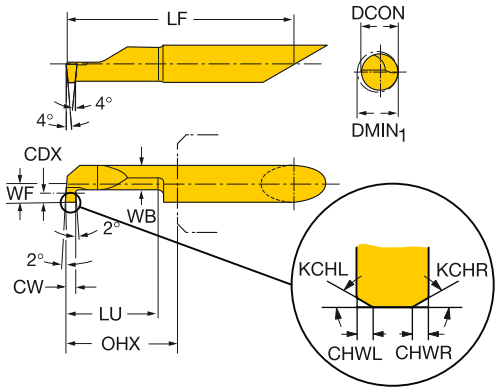
Tolerances:		
	CWTOLL	CWTOLU
CXS-xxGX	0.000	0.050

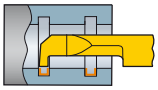
F2 B119 B131 H36 H22

ENG

CoroTurn® XS solid carbide tool for grooving





	CZCMS	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN1	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	O 1025	Dimensions, mm 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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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

CZC_{MS} to correspond with CZC_{WS} on adaptor.

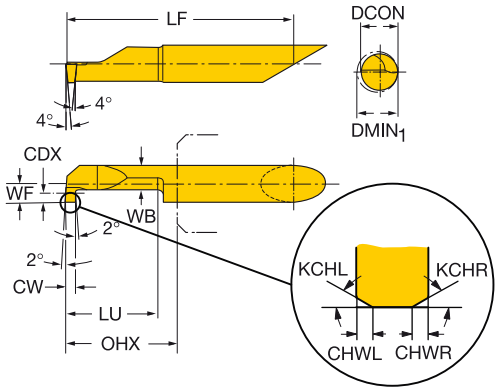
R = Right hand, L = Left hand

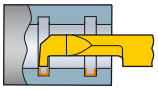
Tolerances:	CWTOLL	CWTOLU	RETOLL	RETOLU
CXS-xxG	0.00	0.05	0.00	0.02

F2 B119 B131 H36 H22

CoroTurn® XS solid carbide tool for grooving





												P	M	N	S	H	O	Dimensions, mm			
	CZC_{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	$DMIN_1$	LU	OHX	Ordering code	1025	1025	1025	1025	7015	1025	DCON	WB	LF	WF
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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

CZC_{MS} to correspond with CZC_{WS} on adaptor.

R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	RETOLL	RETOLU
CXS-xxG	0.00	0.05	0.00	0.02

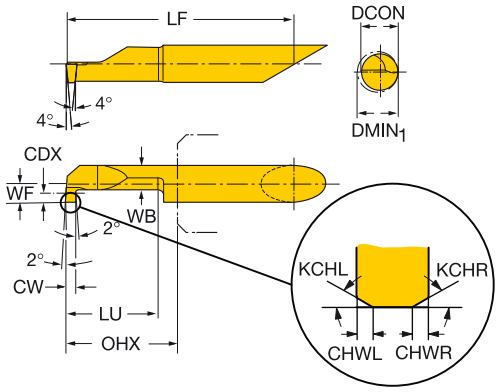
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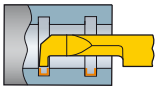
SANDVIK Coromant

ENG

CoroTurn® XS solid carbide tool for grooving





												P	M	N	S	H	O	Dimensions, mm			
	CZC_{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	$DMIN_1$	LU	OHX	Ordering code	1025	1025	1025	1025	7015	1025	DCON	WB	LF	WF
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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

CZC_{MS} to correspond with CZC_{WS} on adaptor.

R = Right hand, L = Left hand

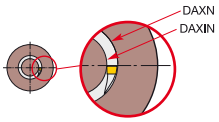
Tolerances:

	CWTOLL	CWTOLU	RETOLL	RETOLU
CXS-xxG	0.00	0.05	0.00	0.02

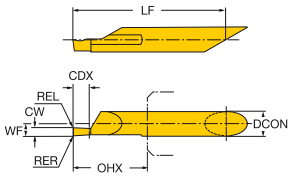
F2 B119 B131 H36 H22

CoroTurn® XS solid carbide tool for face grooving

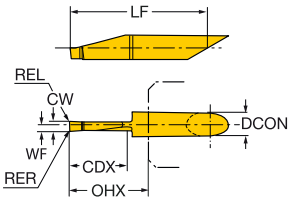




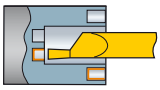
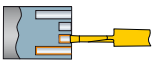
DSGN 1



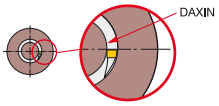
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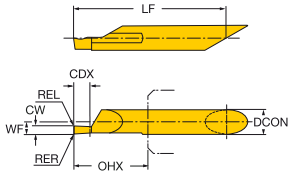


A curve

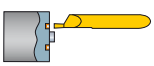
	CZC$_{MS}$	CW	REL	RER	CDX	DAXIN	OHX	DSGN	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm DCON	LF	WF	CWTOLL	CWTOLU	RETOLL	RETOLU
	6	1.00	0.15	0.15	2.0	4.2	18.0	1	CXS-06F100-6215AR/L	★	★	★	★	★	6	37.3	3.0	0.000	0.050	-0.02	0.02
	6	1.50	0.15	0.15	3.0	3.2	18.0	1	CXS-06F150-6215AR/L	★	★	★	★	★	6	37.3	3.0	0.000	0.050	-0.02	0.02
	6	2.00	0.15	0.15	4.0	2.2	18.0	1	CXS-06F200-6215AR/L	★	★	★	★	★	6	37.3	3.0	0.000	0.050	-0.02	0.02
	6	2.50	0.15	0.15	5.0	1.2	18.0	1	CXS-06F250-6215AR/L	★	★	★	★	★	6	37.3	3.0	0.000	0.050	-0.02	0.02
	6	3.00	0.15	0.15	6.0	0.2	18.0	1	CXS-06F300-6215AR/L	★	★	★	★	★	6	37.3	3.0	0.000	0.050	-0.02	0.02
	8	2.00	0.20	0.20	15.0	11.0	20.0	2	CXS-08F200-8015AR/L	★	★	★	★	★	8	44.3	1.6	0.000	0.050	-0.02	0.02
	8	2.50	0.20	0.20	10.0	5.0	15.0	2	CXS-08F250-8010AR/L	★	★	★	★	★	8	39.3	1.8	0.000	0.050	-0.02	0.02
	8	3.00	0.20	0.20	10.0	4.0	15.0	2	CXS-08F300-8010AR/L	★	★	★	★	★	8	39.3	2.1	0.000	0.050	-0.02	0.02
	8	3.00	0.20	0.20	15.0	9.0	20.0	2	CXS-08F300-8015AR/L	★	★	★	★	★	8	44.3	2.1	0.000	0.050	-0.02	0.02
	8	4.00	0.20	0.20	10.0	2.0	15.0	2	CXS-08F400-8010AR/L	★	★	★	★	★	8	39.3	2.5	0.000	0.050	-0.02	0.02
	8	4.00	0.20	0.20	15.0	7.0	20.0	2	CXS-08F400-8015AR/L	★	★	★	★	★	8	44.3	2.5	0.000	0.050	-0.02	0.02
	10	3.00	0.20	0.20	20.0	14.0	28.0	2	CXS-10F300-10020AR/L	★	★	★	★	★	10	52.3	2.1	0.000	0.050	-0.02	0.02
	10	3.00	0.20	0.20	25.0	19.0	33.0	2	CXS-10F300-10025AR/L	★	★	★	★	★	10	57.3	2.1	0.000	0.050	-0.02	0.02
	10	3.00	0.20	0.20	30.0	24.0	38.0	2	CXS-10F300-10030AR/L	★	★	★	★	★	10	62.3	2.1	0.000	0.050	-0.02	0.02
	10	4.00	0.20	0.20	20.0	12.0	28.0	2	CXS-10F400-10020AR/L	★	★	★	★	★	10	52.3	2.7	0.000	0.050	-0.02	0.02
	10	4.00	0.20	0.20	25.0	17.0	33.0	2	CXS-10F400-10025AR/L	★	★	★	★	★	10	57.3	2.7	0.000	0.050	-0.02	0.02
	10	4.00	0.20	0.20	30.0	22.0	38.0	2	CXS-10F400-10030AR/L	★	★	★	★	★	10	62.3	2.7	0.000	0.050	-0.02	0.02
	10	5.00	0.20	0.20	20.0	10.0	28.0	2	CXS-10F500-10020AR/L	★	★	★	★	★	10	52.3	3.1	0.000	0.050	-0.02	0.02
	10	5.00	0.20	0.20	25.0	15.0	33.0	2	CXS-10F500-10025AR/L	★	★	★	★	★	10	57.3	3.1	0.000	0.050	-0.02	0.02
	10	5.00	0.20	0.20	30.0	20.0	38.0	2	CXS-10F500-10030AR/L	★	★	★	★	★	10	62.3	3.1	0.000	0.050	-0.02	0.02







B curve

	CZC$_{MS}$	CW	REL	RER	CDX	DAXIN	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm DCON	LF	WF	CWTOLL	CWTOLU	RETOLL	RETOLU
	6	1.00	0.15	0.15	2.0	4.2	18.0	CXS-06F100-6215BR/L	★	★	★	★	★	6	37.3	3.0	0.000	0.050	-0.02	0.02
	6	1.50	0.15	0.15	3.0	3.2	18.0	CXS-06F150-6215BR/L	★	★	★	★	★	6	37.3	3.0	0.000	0.050	-0.02	0.02
	6	2.00	0.15	0.15	4.0	2.2	18.0	CXS-06F200-6215BR/L	★	★	★	★	★	6	37.3	3.0	0.000	0.050	-0.02	0.02
	6	2.50	0.15	0.15	5.0	1.2	18.0	CXS-06F250-6215BR/L	★	★	★	★	★	6	37.3	3.0	0.000	0.050	-0.02	0.02
	6	3.00	0.15	0.15	6.0	0.2	18.0	CXS-06F300-6215BR/L	★	★	★	★	★	6	37.3	3.0	0.000	0.050	-0.02	0.02

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

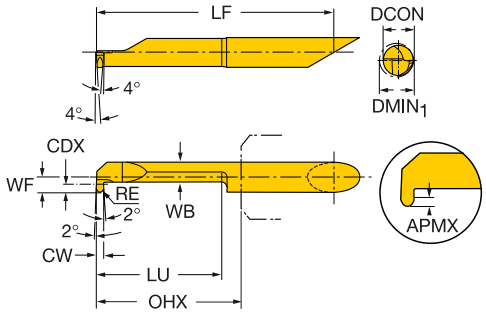
F2 B119 B131 H36 H22

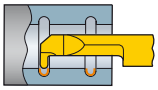
SANDVIK Coromant

ENG

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 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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
CXS-xxR	0.000	0.050	-0.02	0.02

F2 B119 B131 H36 H22

CoroCut® MB

For internal machining with high precision

B

Application

- For internal machining of small holes
- Pre-parting
- Grooving
- Face grooving
- Profiling
- Turning
- Copying
- Back boring
- Threading

C



ISO application area:

P M K N S H O

Benefits and features

D

- Vibration free machining
- Fast set up 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.

E

www.sandvik.coromant.com/corocutmb

EasyFix

Cylindrical steel and carbide boring bars to be used with EasyFix sleeves for exact centre height.

F

CoroCut® MB boring bars

For stability and accessibility the bars are designed with an eccentric head with oval cross section.

Adaptors

- Coromant Capto® to CoroTurn® XS adaptor

See page F21

- Rectangular shank to CoroTurn® XS adaptor

See page F30

- Cylindrical shank with flat to CoroTurn® XS adaptor

See page F37

Inserts

G

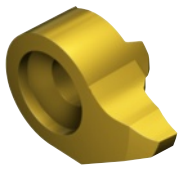
	Pre-parting	Grooving	Face grooving	Profiling	Turning	Copying	Back boring	Threading
	MB-..GX	MB-..G	MB-F	MB-..R	MB..T045	MB..TE93	MB..B	MB..TH
Insert width, mm	1.00	0.73-3.00	1.00-3.00					
Page	B107	B108	B111	Web	Web	Web	Web	C67

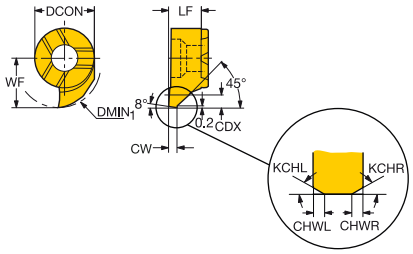
Right hand style shown unless otherwise stated

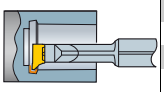
H

ENG

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 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

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

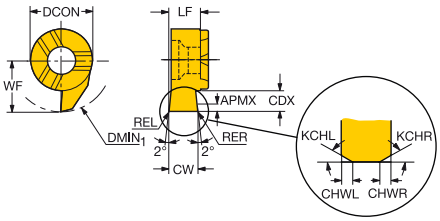
R = Right hand, L = Left hand

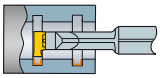
Tolerances:		
	CWTOLL	CWTOLU
MB..GX	0.000	0.050

F2 B118 B131 H36 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 DCON	LF	WF
	07	1.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G100-00-10L	★	★	★	★		★	7	3.9	5.8
	07	1.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G100-00-10R	★	★	★	★		★	7	3.9	5.8
	07	1.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G100-00-11L	★	★	★	★		★	7	3.9	6.8
	07	1.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G100-00-11R	★	★	★	★	★	★	7	3.9	6.8
	07	1.00			45°	45°	0.04	0.04	3.1	12.0		MB-07G100-00-12L	★	★	★	★		★	7	3.9	7.4
	07	1.00			45°	45°	0.04	0.04	3.1	12.0		MB-07G100-00-12R	★	★	★	★		★	7	3.9	7.4
	07	1.50			45°	45°	0.04	0.04	1.8	10.0		MB-07G150-00-10L	★	★	★	★		★	7	3.9	5.8
	07	1.50			45°	45°	0.04	0.04	1.8	10.0		MB-07G150-00-10R	★	★	★	★		★	7	3.9	5.8
	07	1.50			45°	45°	0.04	0.04	2.8	11.0		MB-07G150-00-11L	★	★	★	★		★	7	3.9	6.8
	07	1.50			45°	45°	0.04	0.04	2.8	11.0		MB-07G150-00-11R	★	★	★	★	★	★	7	3.9	6.8
	07	1.50			45°	45°	0.04	0.04	3.4	12.0		MB-07G150-00-12L	★	★	★	★		★	7	3.9	7.4
	07	1.50			45°	45°	0.04	0.04	3.4	12.0		MB-07G150-00-12R	★	★	★	★		★	7	3.9	7.4
	07	2.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G200-00-10L	★	★	★	★		★	7	3.9	5.8
	07	2.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G200-00-10R	★	★	★	★		★	7	3.9	5.8
	07	2.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G200-00-11L	★	★	★	★		★	7	3.9	6.8
	07	2.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G200-00-11R	★	★	★	★		★	7	3.9	6.8
	07	2.00			45°	45°	0.04	0.04	3.4	12.0		MB-07G200-00-12L	★	★	★	★		★	7	3.9	7.4
	07	2.00			45°	45°	0.04	0.04	3.4	12.0		MB-07G200-00-12R	★	★	★	★		★	7	3.9	7.4
	07	2.50			45°	45°	0.04	0.04	1.8	10.0		MB-07G250-00-10L	★	★	★	★		★	7	3.9	5.8
	07	2.50			45°	45°	0.04	0.04	1.8	10.0		MB-07G250-00-10R	★	★	★	★		★	7	3.9	5.8
	07	2.50			45°	45°	0.04	0.04	2.8	11.0		MB-07G250-00-11L	★	★	★	★		★	7	3.9	6.8
	07	2.50			45°	45°	0.04	0.04	2.8	11.0		MB-07G250-00-11R	★	★	★	★		★	7	3.9	6.8
	07	3.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G300-00-10L	★	★	★	★		★	7	3.9	5.8
	07	3.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G300-00-10R	★	★	★	★		★	7	3.9	5.8
	07	3.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G300-00-11L	★	★	★	★		★	7	3.9	6.8
	07	3.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G300-00-11R	★	★	★	★		★	7	3.9	6.8
	07	3.18			45°	45°	0.04	0.04	1.8	10.0		MB-07G318-00-10L	★	★	★	★		★	7	3.9	5.8
	07	3.18			45°	45°	0.04	0.04	1.8	10.0		MB-07G318-00-10R	★	★	★	★		★	7	3.9	5.8
	07	3.18			45°	45°	0.04	0.04	2.8	11.0		MB-07G318-00-11L	★	★	★	★		★	7	3.9	6.8
	07	3.18			45°	45°	0.04	0.04	2.8	11.0		MB-07G318-00-11R	★	★	★	★		★	7	3.9	6.8

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
MB..G	0.00	0.05	-0.02	0.02

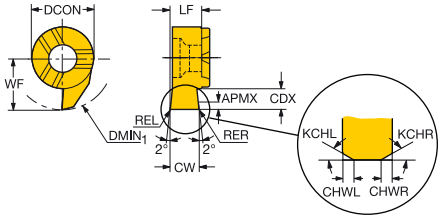
F2 B118 B131 H36 H25

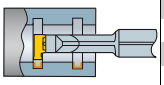
SANDVIK Coromant

ENG

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 DCON	LF	WF
	09	1.00			45°	45°	0.04	0.04	4.0	14.0	0.3	MB-09G100-00-14L	★	★	★	★		★	9	5.2	9.0
	09	1.00			45°	45°	0.04	0.04	4.0	14.0	0.3	MB-09G100-00-14R	★	★	★	★		★	9	5.2	9.0
	09	1.50			45°	45°	0.04	0.04	4.0	14.0		MB-09G150-00-14L	★	★	★	★		★	9	5.3	9.0
	09	1.50			45°	45°	0.04	0.04	4.0	14.0		MB-09G150-00-14R	★	★	★	★		★	9	5.3	9.0
	09	1.50			45°	45°	0.04	0.04	5.5	16.0		MB-09G150-00-16L	★	★	★	★		★	9	5.2	10.5
	09	1.50			45°	45°	0.04	0.04	5.5	16.0		MB-09G150-00-16R	★	★	★	★		★	9	5.2	10.5
	09	1.50			45°	45°	0.04	0.04	6.5	17.0		MB-09G150-00-17L	★	★	★	★		★	9	5.2	11.5
	09	1.50			45°	45°	0.04	0.04	6.5	17.0		MB-09G150-00-17R	★	★	★	★		★	9	5.2	11.5
	09	1.50	0.20	0.20					4.0	14.0	0.3	MB-09G150-02-16L	★	★	★	★		★	9	5.3	9.0
	09	1.50	0.20	0.20					4.0	14.0	0.3	MB-09G150-02-16R	★	★	★	★		★	9	5.3	9.0
	09	2.00			45°	45°	0.04	0.04	4.0	14.0		MB-09G200-00-14L	★	★	★	★		★	9	5.3	9.0
	09	2.00			45°	45°	0.04	0.04	4.0	14.0		MB-09G200-00-14R	★	★	★	★		★	9	5.3	9.0
	09	2.00			45°	45°	0.04	0.04	5.5	16.0		MB-09G200-00-16L	★	★	★	★		★	9	5.2	10.5
	09	2.00			45°	45°	0.04	0.04	5.5	16.0		MB-09G200-00-16R	★	★	★	★		★	9	5.2	10.5
	09	2.00			45°	45°	0.04	0.04	6.5	17.0		MB-09G200-00-17L	★	★	★	★		★	9	5.2	11.5
	09	2.00			45°	45°	0.04	0.04	6.5	17.0		MB-09G200-00-17R	★	★	★	★		★	9	5.2	11.5
	09	2.00	0.20	0.20					4.0	14.0		MB-09G200-02-14L	★	★	★	★		★	9	5.3	9.0
	09	2.00	0.20	0.20					4.0	14.0		MB-09G200-02-14R	★	★	★	★		★	9	5.3	9.0
	09	2.00	0.20	0.20					5.5	16.0		MB-09G200-02-16L	★	★	★	★		★	9	5.2	10.5
	09	2.00	0.20	0.20					5.5	16.0		MB-09G200-02-16R	★	★	★	★		★	9	5.2	10.5
	09	2.50			45°	45°	0.04	0.04	4.0	14.0		MB-09G250-00-14L	★	★	★	★		★	9	5.3	9.0
	09	2.50			45°	45°	0.04	0.04	4.0	14.0		MB-09G250-00-14R	★	★	★	★		★	9	5.3	9.0
	09	2.50			45°	45°	0.04	0.04	5.5	16.0		MB-09G250-00-16L	★	★	★	★		★	9	5.2	10.5
	09	2.50			45°	45°	0.04	0.04	5.5	16.0		MB-09G250-00-16R	★	★	★	★		★	9	5.2	10.5
	09	2.50			45°	45°	0.04	0.04	6.5	17.0		MB-09G250-00-17L	★	★	★	★		★	9	5.2	11.5
	09	2.50			45°	45°	0.04	0.04	6.5	17.0		MB-09G250-00-17R	★	★	★	★		★	9	5.2	11.5
	09	2.50	0.20	0.20					5.5	16.0		MB-09G250-02-16L	★	★	★	★		★	9	5.2	10.5
	09	2.50	0.20	0.20					5.5	16.0		MB-09G250-02-16R	★	★	★	★		★	9	5.2	10.5
	09	3.00			45°	45°	0.04	0.04	4.0	14.0		MB-09G300-00-14L	★	★	★	★		★	9	5.3	9.0
	09	3.00			45°	45°	0.04	0.04	4.0	14.0		MB-09G300-00-14R	★	★	★	★		★	9	5.3	9.0
	09	3.00			45°	45°	0.04	0.04	5.5	16.0		MB-09G300-00-16L	★	★	★	★		★	9	5.2	10.5
	09	3.00			45°	45°	0.04	0.04	5.5	16.0		MB-09G300-00-16R	★	★	★	★		★	9	5.2	10.5
	09	3.00			45°	45°	0.04	0.04	6.5	17.0		MB-09G300-00-17L	★	★	★	★		★	9	5.2	11.5
	09	3.00			45°	45°	0.04	0.04	6.5	17.0		MB-09G300-00-17R	★	★	★	★		★	9	5.2	11.5
	09	3.00	0.20	0.20					5.5	16.0		MB-09G300-02-16L	★	★	★	★		★	9	5.2	10.5
	09	3.00	0.20	0.20					5.5	16.0		MB-09G300-02-16R	★	★	★	★		★	9	5.2	10.5
	09	3.18			45°	45°	0.04	0.04	4.0	14.0	0.3	MB-09G318-00-14L	★	★	★	★		★	9	5.3	9.0
	09	3.18			45°	45°	0.04	0.04	4.0	14.0	0.3	MB-09G318-00-14R	★	★	★	★		★	9	5.3	9.0
	09	3.18	0.20	0.20					4.0	14.0	0.3	MB-09G318-02-14L	★	★	★	★		★	9	5.3	9.0
	09	3.18	0.20	0.20					4.0	14.0	0.3	MB-09G318-02-14R	★	★	★	★		★	9	5.3	9.0
	11	1.50	0.20	0.20					8.0	20.0		MB-11G150-02-20L	★	★	★	★		★	11	5.6	14.0
	11	1.50	0.20	0.20					8.0	20.0		MB-11G150-02-20R	★	★	★	★		★	11	5.6	14.0
	11	2.00	0.20	0.20					8.0	20.0		MB-11G200-02-20L	★	★	★	★		★	11	5.6	14.0
	11	2.00	0.20	0.20					8.0	20.0		MB-11G200-02-20R	★	★	★	★		★	11	5.6	14.0
	11	2.50	0.20	0.20					8.0	20.0		MB-11G250-02-20L	★	★	★	★		★	11	5.6	14.0
	11	2.50	0.20	0.20					8.0	20.0		MB-11G250-02-20R	★	★	★	★		★	11	5.6	14.0
	11	3.00	0.20	0.20					8.0	20.0		MB-11G300-02-20L	★	★	★	★		★	11	5.6	14.0
	11	3.00	0.20	0.20					8.0	20.0		MB-11G300-02-20R	★	★	★	★		★	11	5.6	14.0
	11	3.18	0.20	0.20					8.0	20.0		MB-11G318-02-20L	★	★	★	★		★	11	5.6	14.0
	11	3.18	0.20	0.20					8.0	20.0		MB-11G318-02-20R	★	★	★	★		★	11	5.6	14.0
	11	4.00	0.20	0.20					8.0	20.0		MB-11G400-02-20L	★	★	★	★		★	11	5.6	14.0
	11	4.00	0.20	0.20					8.0	20.0		MB-11G400-02-20R	★	★	★	★		★	11	5.6	14.0

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

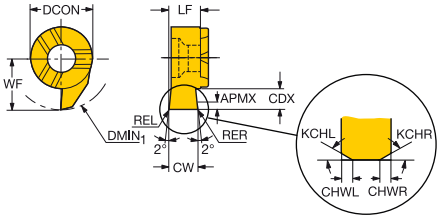
Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
MB..G	0.00	0.05	-0.02	0.02

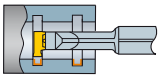
F2 B118 B131 H36 H25

CoroCut® MB solid carbide head for grooving

For circlip grooves





	CZC$_{MS}$	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN$_1$	Ordering code	P	M	N	S	O	Dimensions, mm DCON	LF	WF
										1025	1025	1025	1025	1025			
	07	0.73	45°	45°	0.04	0.04	1.2	10.0	MB-07G070-00-10R/L	★	★	★	★	★	7	3.8	5.8
	07	0.83	45°	45°	0.04	0.04	1.3	10.0	MB-07G080-00-10R/L	★	★	★	★	★	7	3.8	5.8
	07	0.93	45°	45°	0.04	0.04	1.5	10.0	MB-07G090-00-10R/L	★	★	★	★	★	7	3.8	5.8
	07	1.20	45°	45°	0.04	0.04	1.8	10.0	MB-07G120-00-10R/L	★	★	★	★	★	7	3.9	5.8
	07	1.40	45°	45°	0.04	0.04	1.8	10.0	MB-07G140-00-10R/L	★	★	★	★	★	7	3.9	5.8
	07	1.70	45°	45°	0.04	0.04	1.8	10.0	MB-07G170-00-10R/L	★	★	★	★	★	7	3.9	5.8
	09	0.73	45°	45°	0.04	0.04	1.2	14.0	MB-09G070-00-14R/L	★	★	★	★	★	9	5.2	9.0
	09	0.83	45°	45°	0.04	0.04	1.3	14.0	MB-09G080-00-14R/L	★	★	★	★	★	9	5.2	9.0
	09	0.93	45°	45°	0.04	0.04	1.5	14.0	MB-09G090-00-14R/L	★	★	★	★	★	9	5.2	9.0
	09	1.20	45°	45°	0.04	0.04	4.0	14.0	MB-09G120-00-14R/L	★	★	★	★	★	9	5.3	9.0
	09	1.40	45°	45°	0.04	0.04	4.0	14.0	MB-09G140-00-14R/L	★	★	★	★	★	9	5.3	9.0
	09	1.70	45°	45°	0.04	0.04	4.0	14.0	MB-09G170-00-14R/L	★	★	★	★	★	9	5.3	9.0

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

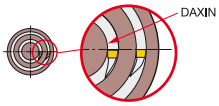
Tolerances:		
	CWTOLL	CWTOLU
MB..G (CIRCLIP)	0.000	0.030

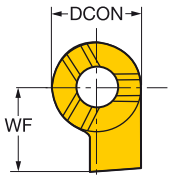
F2 B118 B131 H36 H25

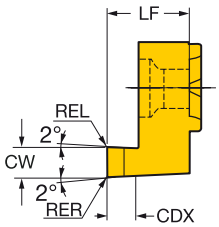
ENG

CoroCut® MB solid carbide head for face grooving

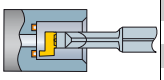






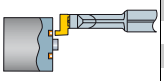


A curve



CZC_{MS}	CW	REL	RER	KCHL	KCHR	CHWL	CDX	DAXIN	OHN	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm DCON	LF	WF	CWTOLL	CWTOLU	RETOLL	RETOLU
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		
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
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
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
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
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
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
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

B curve



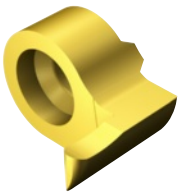
CZC_{MS}	CW	REL	RER	KCHL	KCHR	CHWL	CDX	DAXIN	OHN	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm DCON	LF	WF	CWTOLL	CWTOLU	RETOLL	RETOLU
09	1.00			45°	45°	0.40	1.5	10.0		MB-09FB100-00-14R/L	★	★	★	★	★	9	8.3	7.0	0.000	0.050		
09	1.50	0.20	0.20				2.5	9.0		MB-09FB150-02-14R/L	★	★	★	★	★	9	8.3	7.5	0.000	0.050	-0.02	0.02
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
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
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
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
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
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

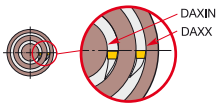
CZC_{MS} to correspond with CZC_{WS} on adaptor.

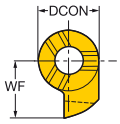
R = Right hand, L = Left hand

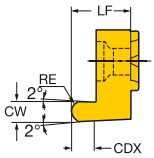
F2 B118 B131 H36 H25

CoroCut® MB solid carbide head for face grooving

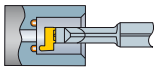




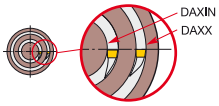


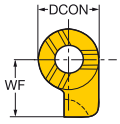


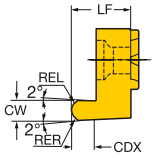
A curve

	CZC_{MS}	CW	REL	RER	CDX	DAXIN	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm DCON	LF	WF
	09	1.00	0.50	0.50	1.5	12.0	MB-09FAR100-05-14R/L	★	★	★	★	★	9	8.3	9.0
	09	1.50	0.75	0.75	2.5	11.0	MB-09FAR150-075-14R/L	★	★	★	★	★	9	8.3	9.0
	09	2.00	1.00	1.00	5.0	10.0	MB-09FAR200-10-14R/L	★	★	★	★	★	9	10.3	9.0
	09	2.50	1.25	1.25	5.0	9.0	MB-09FAR250-125-14R/L	★	★	★	★	★	9	10.3	9.0
	09	3.00	1.50	1.50	5.0	8.0	MB-09FAR300-15-14R/L	★	★	★	★	★	9	10.3	9.0

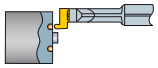








B curve

	CZC_{MS}	CW	REL	RER	CDX	DAXIN	Ordering code	P 1025	M 1025	N 1025	S 1025	O 1025	Dimensions, mm DCON	LF	WF
	09	1.00	0.50	0.50	1.5	10.0	MB-09FBR100-05-12R/L	★	★	★	★	★	9	8.3	7.0
	09	1.50	0.75	0.75	2.5	9.0	MB-09FBR150-075-14R/L	★	★	★	★	★	9	8.3	7.5
	09	2.00	1.00	1.00	5.0	8.0	MB-09FBR200-10-14R/L	★	★	★	★	★	9	10.3	8.0
	09	2.50	1.25	1.25	5.0	7.0	MB-09FBR250-125-14R/L	★	★	★	★	★	9	10.3	8.5
	09	3.00	1.50	1.50	5.0	6.0	MB-09FBR300-15-14R/L	★	★	★	★	★	9	10.3	9.0

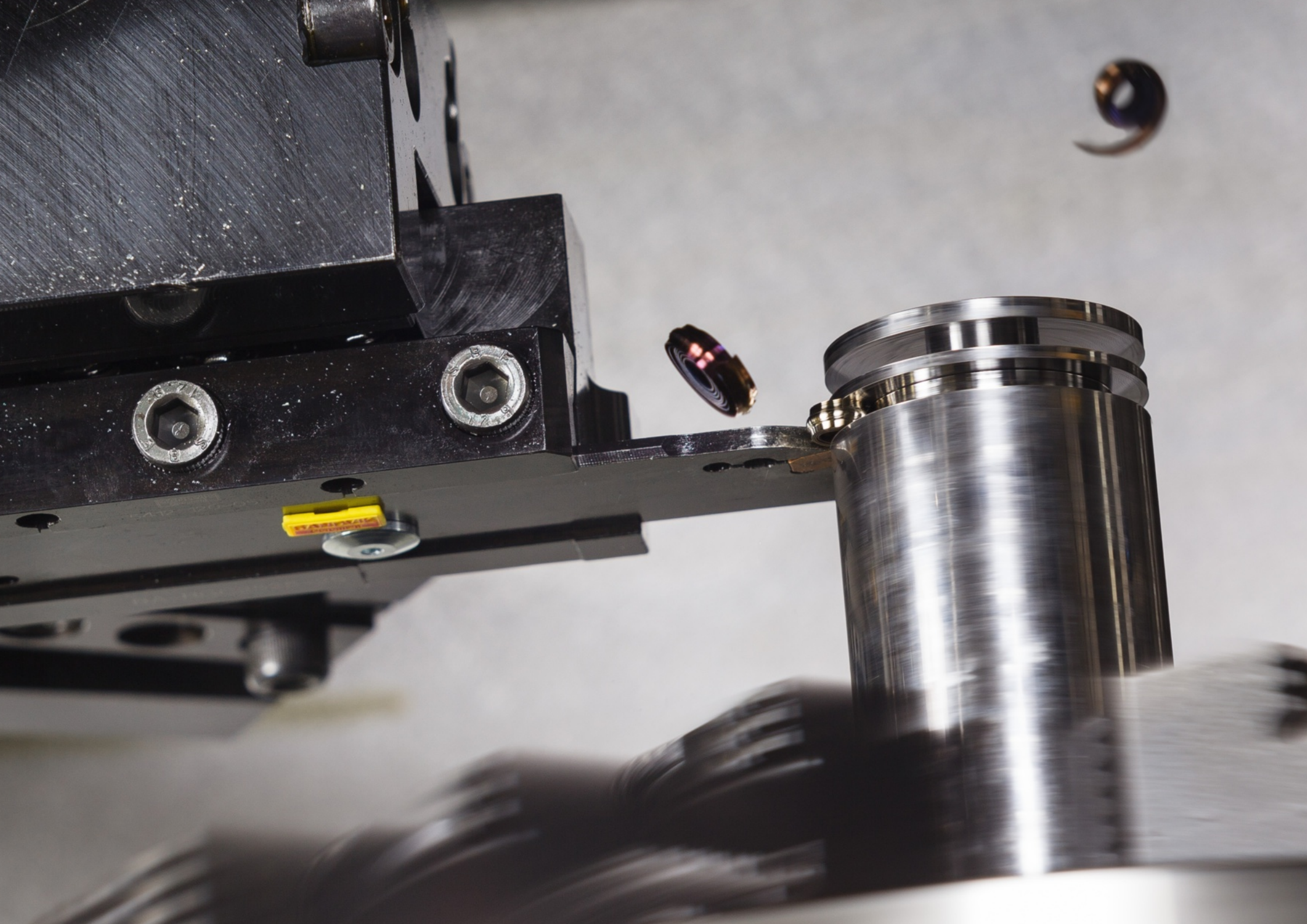
CZC_{MS} to correspond with CZC_{WS} on adaptor.

R = Right hand, L = Left hand

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
MB..FAR	0.000	0.030	0.00	0.02
MB..FBR	0.000	0.030	0.00	0.02

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SANDVIK Coromant



Cutting speed recommendations

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	210-100
P5.0.Z.PH	05.12	PH-hardened	2850	330	135-95	185-85	170-75
P5.0.Z.HT	05.13	Hardened	2350	330	150-100	200-90	180-80
		Austenitic					
		Bars/forged					
M1.0.Z.AQ	05.21	Austenitic	1800	180	190-130	265-125	240-110
M1.0.Z.PH	05.22	PH-hardened	2850	330	115-80	185-90	165-80
M2.0.Z.AQ	05.23	Super austenitic	2250	200	130-90	200-95	180-85
		Austenitic-ferritic (Duplex)					
		Bars/forged					
M3.1.Z.AQ	05.51	Non-weldable ≥ 0.05%C	2000	230	115-90	225-105	200-95
M3.2.Z.AQ	05.52	Weldable < 0.05%C	2450	260	90-70	185-90	165-80
		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
		Grey					
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

ENG

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

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
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.5	0.06-0.31	0.05-0.8
MC No.	No.	Material	N/mm²	HB	Cutting speed (v_c), m/min		
		Aluminium 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)
		Aluminium 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)
		Aluminium 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		Heat resistant super alloys	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					S05F	GC1105	GC1005
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.3	0.05-0.3	0.05-0.3
MC No.	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	160-100
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 alloys					
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		Material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CB20	CC670	CB7015
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.1	0.05-0.1	0.05-0.1
MC No.	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.

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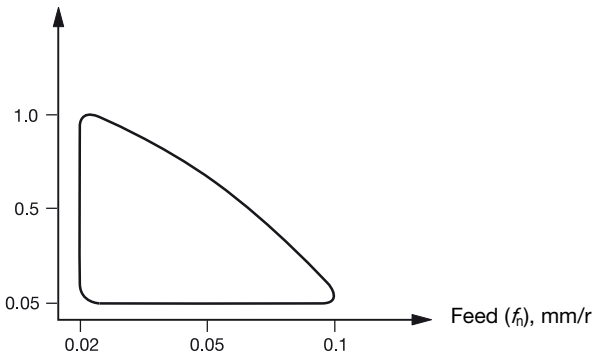
							TOUGHNESS >>>>
GC1125	GC1025	H13A					
0.05-0.8	0.05-0.8	0.05-0.8					
1500 (1900 - 190) 1500 (1900 - 190)	1500 (1900 - 190) 1500 (1900 - 190)	1500 (1900 - 190) 1500 (1900 - 190)					
1500 (1900 - 190) 1500 (1900 - 190) 400 (500 - 50) 250 (315 - 31)	1500 (1900 - 190) 1500 (1900 - 190) 400 (500 - 50) 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 >>>>

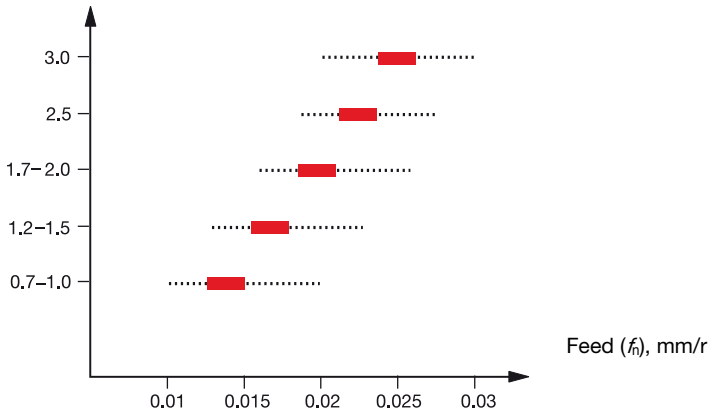
Cutting data recommendations for CoroCut® MB

Turning
Insert size 07
Cutting depth (a_p), mm



Grooving and face grooving

Insert width (CW), mm



■ = Recommended starting value.

Threading, (Infeed recommendations)

Thread	Insert	a_p mm	*nap*
V-profile 60°	MB-07TH050VM-10R/L	0.33	4
	MB-07TH100VM-10R/L	0.64	5
	MB-07TH150VM-10R/L	0.89	6
	MB-07TH200VM-10R/L	1.19	8
	MB-07TH250VM-10R/L	1.50	10
Metric 60°	MB-07TH050MM-10R/L	0.33	4
	MB-07TH100MM-10R/L	0.64	5
	MB-07TH150MM-10R/L	0.89	6
	MB-07TH175MM-10R/L	1.07	8
	MB-07TH200MM-10R/L	1.19	8
	MB-07TH250MM-10R/L	1.50	10
UN 60°	MB-07TH320UN-10R/L	0.48	4
	MB-07TH280UN-10R/L	0.58	5
	MB-07TH240UN-10R/L	0.66	5
	MB-07TH200UN-10R/L	0.79	6
	MB-07TH180UN-10R/L	0.86	6
	MB-07TH160UN-10R/L	0.94	7
	MB-07TH140UN-10R/L	1.09	8
Whitworth 55°	MB-07TH190WH-10R/L	0.91	6
	MB-07TH140WH-10R/L	1.21	8
	MB-07TH110WH-10R/L	1.54	9
NPT 60°	MB-07TH180NT-10R/L	1.11	8
	MB-07TH140NT-10R/L	1.42	10

Thread	Insert	a_p mm	*nap*
ACME 29°	MB-07TH160AC-11R	0.96	6
	MB-07TH140AC-11R	1.09	7
	MB-07TH120AC-11R	1.24	8
	MB-07TH100AC-11R	1.60	10
	MB-07TH080AC-11R	1.90	12
STUB-ACME 29°	MB-07TH160SA-10R	0.66	5
	MB-07TH140SA-10R	0.74	5
	MB-07TH120SA-10R	0.81	6
	MB-07TH100SA-10R	1.09	7
	MB-07TH080SA-10R	1.27	8

a_p = total depth of thread
nap = number of passes

Cutting speed recommendations

Cutting speed (v_c), m/min

	P	M	N	S
Grade 1025	60-200	60-180	90-400	20-50

	H
Grade CB7015	60-200

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Cutting data recommendations for CoroTurn® XS

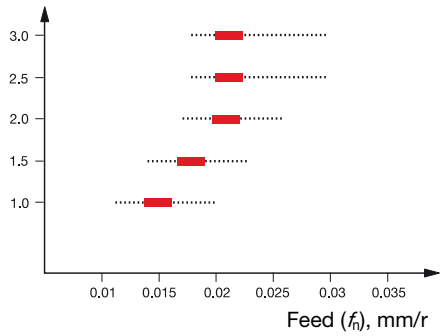
Turning inserts

Insert size	Dimensions, mm		Application area			
			General turning/Back boring			
			Rec. depth of cut		Rec. cutting feed	
dm_m	WB mm	RE mm	a_p mm	Min – Max	f_n mm/r	Min – Max
04	0.18	–	0.05	(0.01 – 0.08)	0.007	(0.005 – 0.015)
04	0.28	–	0.06	(0.01 – 0.10)	0.010	(0.005 – 0.014)
04	0.38	–	0.08	(0.01 – 0.15)	0.012	(0.008 – 0.017)
04	0.46	–	0.09	(0.01 – 0.20)	0.015	(0.010 – 0.020)
04	0.56	–	0.12	(0.01 – 0.22)	0.018	(0.010 – 0.025)
04	0.63	–	0.15	(0.01 – 0.25)	0.020	(0.012 – 0.025)
04	0.66	0.05	0.15	(0.05 – 0.30)	0.020	(0.012 – 0.030)
04	0.66	0.10	0.15	(0.09 – 0.30)	0.020	(0.015 – 0.080)
04	0.74	–	0.15	(0.01 – 0.25)	0.020	(0.012 – 0.025)
04	1.04	0.05	0.18	(0.05 – 0.30)	0.020	(0.012 – 0.030)
04	1.04	0.10	0.18	(0.01 – 0.30)	0.020	(0.015 – 0.080)
04	1.55	0.05	0.20	(0.05 – 0.40)	0.020	(0.012 – 0.030)
04	1.55	0.10	0.20	(0.09 – 0.40)	0.020	(0.015 – 0.080)
04	2.06	0.05	0.25	(0.05 – 0.51)	0.020	(0.012 – 0.030)
04	2.06	0.15	0.25	(0.15 – 0.51)	0.025	(0.015 – 0.050)
04	2.54	0.05	0.30	(0.05 – 0.51)	0.020	(0.015 – 0.030)
04	2.06/2.59	0.15	0.30	(0.15 – 0.51)	0.025	(0.015 – 0.050)
04	2.95	0.15	0.30	(0.15 – 0.51)	0.025	(0.015 – 0.050)
04	3.45	0.05	0.30	(0.05 – 0.51)	0.020	(0.015 – 0.030)
04	3.45	0.15	0.30	(0.15 – 0.51)	0.025	(0.015 – 0.050)
05	3.76	0.15	0.35	(0.15 – 0.60)	0.040	(0.020 – 0.060)
05	3.75/3.81	0.20	0.35	(0.20 – 0.60)	0.040	(0.020 – 0.060)
05	4.19	0.20	0.35	(0.20 – 0.60)	0.040	(0.020 – 0.070)
05	4.24	0.05	0.25	(0.05 – 0.60)	0.030	(0.020 – 0.040)
05	4.24	0.20	0.35	(0.20 – 0.60)	0.040	(0.020 – 0.070)
06	3.96/3.99	0.15	0.35	(0.15 – 0.60)	0.045	(0.020 – 0.070)
06	3.96	0.20	0.35	(0.20 – 0.60)	0.045	(0.020 – 0.070)
06	5.26	0.20	0.40	(0.20 – 0.70)	0.045	(0.020 – 0.080)
07	4.29	0.20	0.35	(0.20 – 0.60)	0.040	(0.020 – 0.070)
07	6.25	0.20	0.50	(0.20 – 0.80)	0.050	(0.030 – 0.080

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.

Threading, (Infeed recommendations)

Thread	Pitch mm	a_p mm	*nap*
Metric 60° (MM)	0.50	0.26	7
	0.70	0.38	8
	0.75	0.40	8
	0.80	0.43	8
	1.00	0.55	11
	1.25	0.68	11
	1.50	0.81	13
	1.75	0.95	14
	2.00	1.08	18
ISO Trapezodial 30°	1.50	0.86	6
	2.00	1.17	8
	3.00	1.70	12

a_p = total depth of thread
nap = number of infeeds

Cutting speed recommendations

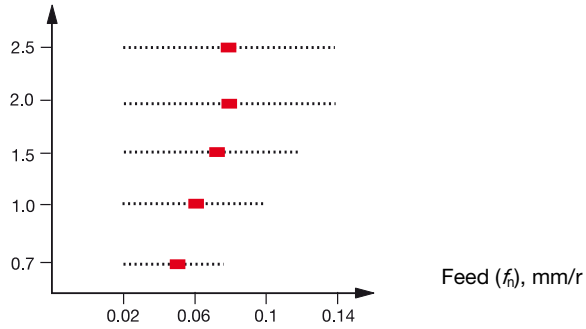
Cutting speed (v_c), m/min

	P	M	N	S
Grade 1025	60-200	60-180	90-400	20-50
Grade CB7015	H			
	60-200			

Cutting data recommendations for CoroCut® XS

Parting off

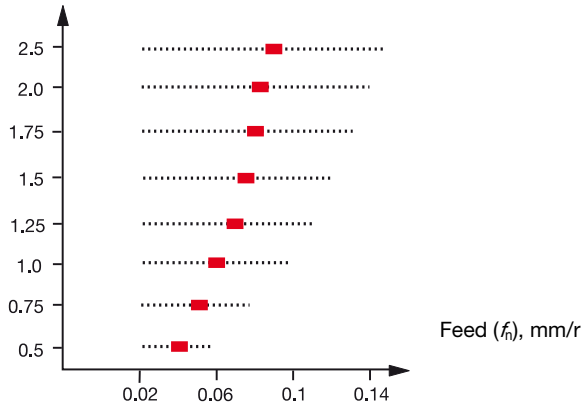
Insert width (CW), mm



■ = Recommended starting value.

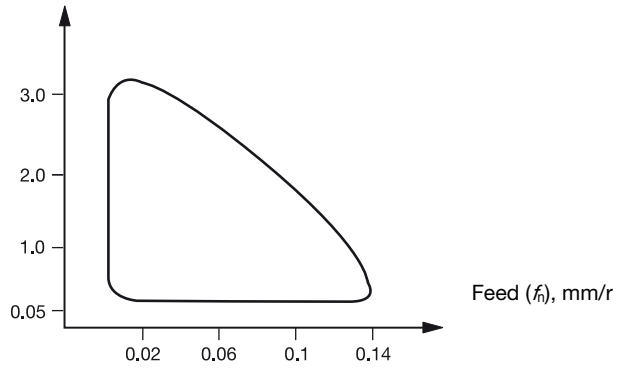
Grooving

Insert width (CW), mm



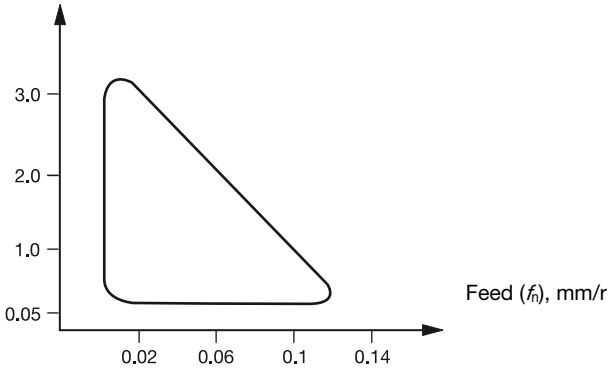
Turning

Cutting depth (a_p), mm



Back turning

Cutting depth (a_p), mm



Threading, (Infeed recommendations)

Metric 60°

Pitch, mm	a_p mm	*nap*
0.20	0.12	4
0.25	0.15	4
0.30	0.18	4
0.35	0.20	4
0.40	0.25	4
0.45	0.28	4
0.50	0.28	4
0.75	0.46	4
1.00	0.61	5
1.25	0.74	6
1.50	0.89	6
1.75	1.07	8
2.00	1.22	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, t.p.i.	a_p mm	*nap*
72	0.22	4
64	0.25	4
56	0.28	4
48	0.33	4
44	0.36	4
40	0.40	4
36	0.43	4
32	0.49	5
28	0.56	5
24	0.65	5
20	0.80	6
18	0.86	6
16	0.97	7
14	1.12	8
13	1.19	8
12	1.30	9

Cutting speed recommendations

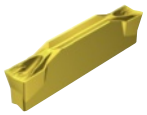
Cutting speed (v_c), m/min

	P	M	N	S
Grade 1025/1105	60-200	60-180	90-400	20-50

ENG

CoroCut® 1-2

Parting

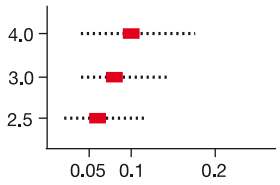


123-CF

Wiper TECHNOLOGY

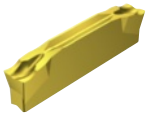
Low feed choice

Radial feed
Insert width (CW), mm



Feed (f_n), mm/r

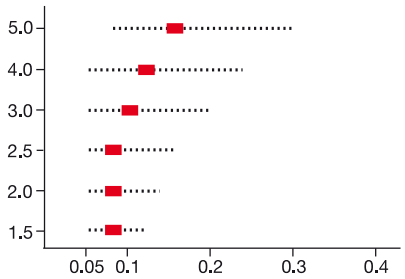
Positive geometry for low feed
First choice for thin walled components and small diameters.
Small corner radii and positive geometry reduce pip and burr on component in stainless steel and sticky materials. Wiper corners for high surface finish.



123-CM

Medium feed choice

Radial feed
Insert width (CW), mm

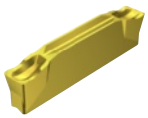


Feed (f_n) mm/r

First choice, universal geometry

First choice for parting off to centre at good conditions in most materials and light intermittent applications such as parting hexagonal bars.

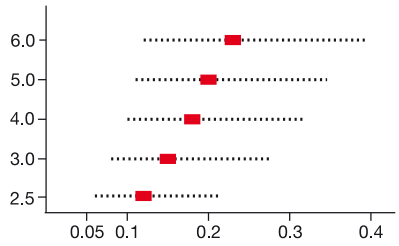
Available as CoroCut 1 and 2-edged inserts.



123-CR

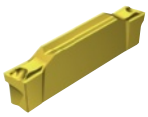
High feed choice

Radial feed
Insert width (CW), mm



Feed (f_n) mm/r

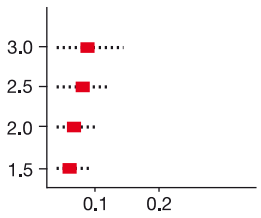
Rough machining
Strong cutting edges, reduce risk of edge fractures.
Suitable for parting off bars and interrupted cuts.
For steel and cast iron, but also suitable for stainless steels when there is a need for strong edges.
Available as CoroCut 1 and 2-edged inserts.



123-CS

Low feed

Radial feed
Insert width (CW), mm



Feed (f_n) mm/r

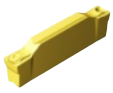
Pip and burr free machining.
Ideal solution for minimizing pips and burrs on components thanks to the sharp cutting edge and front angles of 10° and 15°.
Recommended for small components.
Suitable for free cutting steel.
Available as CoroCut 2-edge inserts.

= Recommended starting value.

For cutting speed recommendations, see page B114

CoroCut® 1-2

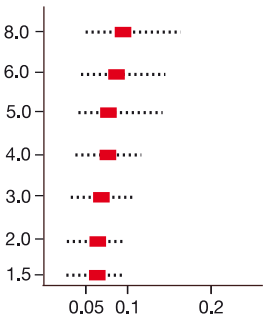
Grooving



123-GF

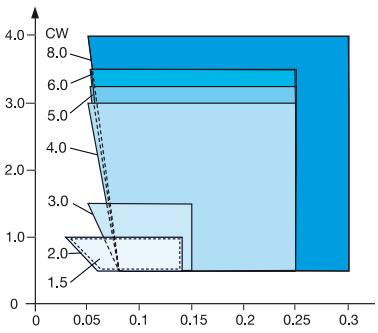
Low feed choice

Radial feed
Insert width (CW), mm



Feed (f_n), mm/r

Axial feed
Cutting depth (a_p), mm



Feed (f_n), mm/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.



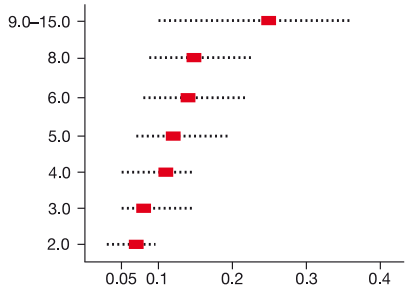
123-GM



Medium feed choice

M Seat size
CW, mm
9-11

Radial feed
Insert width (CW), mm



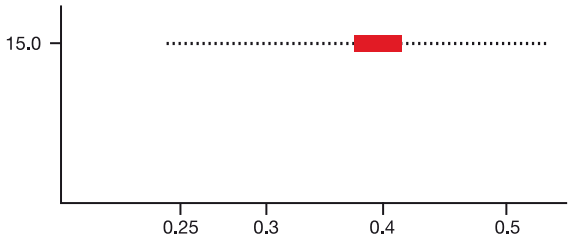
Feed (f_n), mm/r

Grooving in all materials
Outstanding chip control.
Reduces chip width giving good surfaces.



123-GR

Radial feed
Insert width (CW), mm



Feed (f_n), mm/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 B114

SANDVIK Coromant

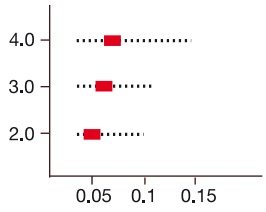
CoroCut® 1-2

Grooving

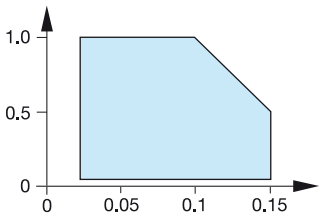


123-GS

Radial feed
Insert width (CW), mm



Axial feed
Cutting depth (a_p), mm



Allround geometry for grooving with low feed in most materials.
Periphery ground with sharp cutting edge.

Low feed choice

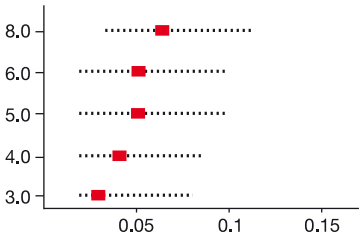
Feed (f_n), mm/r

Feed (f_n), mm/r



123-S

Radial feed
Insert width (CW), mm



Cubic boron nitride tipped

Feed (f_n) mm/r

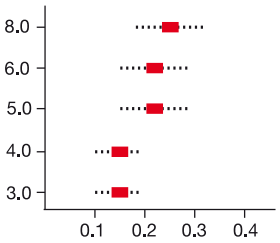
Alternative for finish grooving of hardened materials and heat resistant super alloys
Maintains close tolerances and gives excellent finish on components.
Available as CoroCut 1-edged inserts.

Profiling

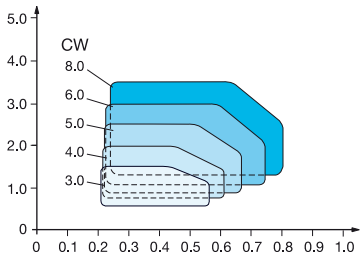


123-RM

Radial feed
Insert width (CW), mm



Axial feed
Cutting depth (a_p), mm



Medium feed choice

Feed (f_n) mm/r

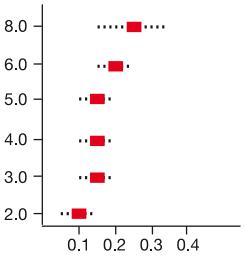
Feed (f_n) mm/r

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.



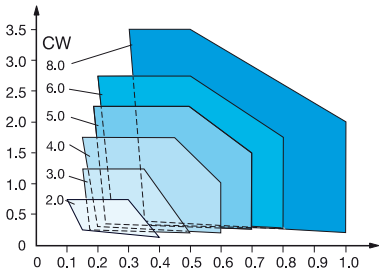
123-R0

Radial feed
Insert width (CW), mm



Feed (f_n), mm/r

Axial feed
Cutting depth (a_p), mm



Feed (f_n), mm/r

Excellent for profiling in stainless steel, HRSA and other sticky materials
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 B114

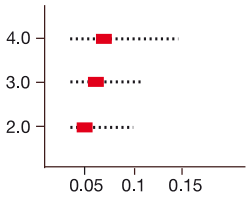
CoroCut® 1-2

Profiling

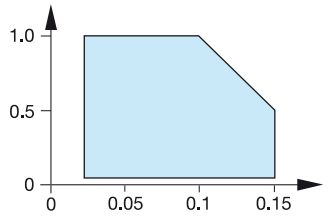


123-RS

Radial feed
Insert width (CW), mm



Axial feed
Cutting depth (a_p) mm



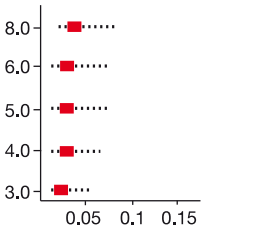
Allround geometry for profiling with low chip thickness in most materials.
Periphery ground with sharp cutting edge.



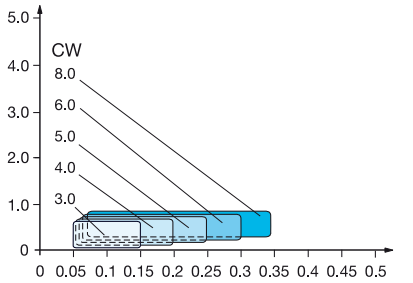
123-RE

Cubic boron nitride tipped

Radial feed
Insert width (CW), mm



Axial feed
Cutting depth (a_p), mm



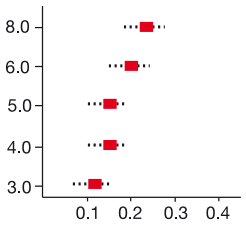
Alternative for finish profiling of hardened materials
Gives outstanding productivity and exceptional surface finish.
Available as CoroCut 1- edged inserts.



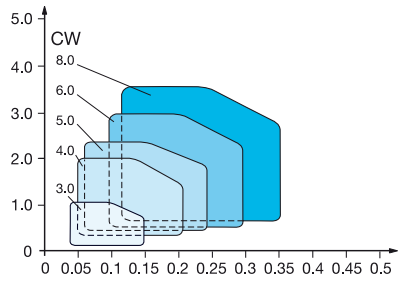
123-RS

Diamond tipped

Radial feed
Insert width (CW), mm



Axial feed
Cutting depth (a_p), mm



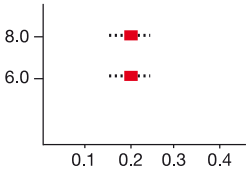
Alternative for finish profiling of non-ferrous materials.
Gives outstanding productivity and exceptional surface finish.
For use under stable conditions.
Available as CoroCut 1-edged inserts.

Aluminium profiling

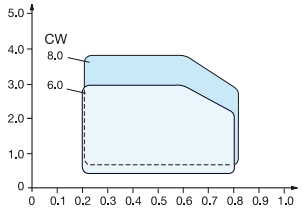


123-AM

Radial feed
Insert width (CW), mm



Axial feed
Cutting depth (a_p), mm



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.

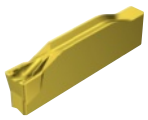
For cutting speed recommendations, see page B114

SANDVIK Coromant

ENG

CoroCut® 1-2

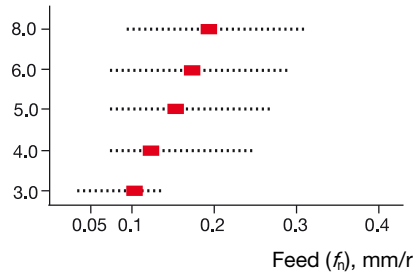
Turning and plunge turning



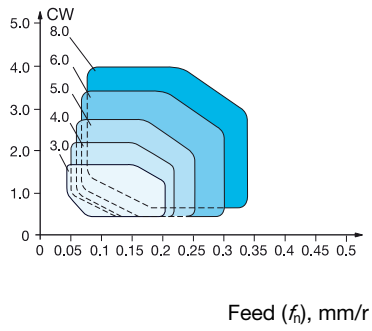
123-TF

Low feed choice

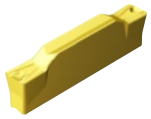
Radial feed
Insert width (CW), mm



Axial feed
Cutting depth (a_p), mm



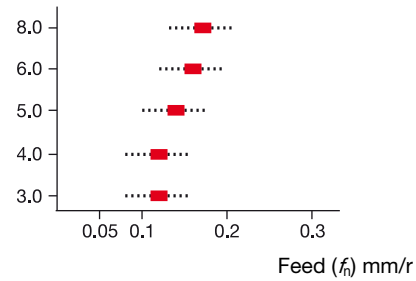
Suitable for all turning operations in stainless steels.
The positive geometry eliminates the risk of built-up edge.
Good chip control and surface finish.
Wiper design on the side.
Available as CoroCut 1 and 2-edged inserts.
First choice for face grooving.



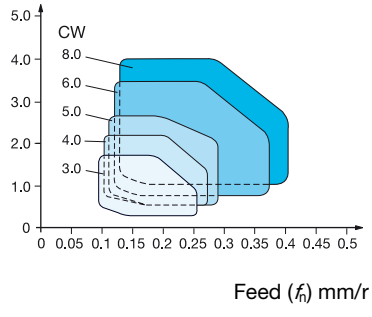
123-TM

Medium feed choice

Radial feed
Insert width (CW), mm



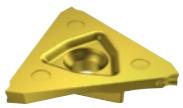
Axial feed
Cutting depth (a_p), mm



General turning operations
The positive geometry eliminates the risk of built-up edge.
Available as CoroCut 2-edge inserts.

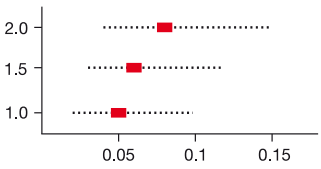
CoroCut® 3-edge inserts

Shallow parting

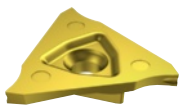


123-CM

Radial feed
Insert width (CW), mm

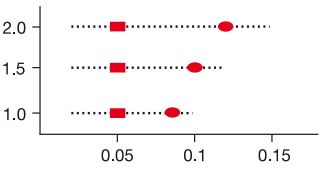


First choice for shallow parting
First choice in most materials
Sharp edge line, chip breaking geometry
To be used at normal cutting speeds 100 – 250 m/min



123-CS

Radial feed
Insert width (CW), mm



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
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

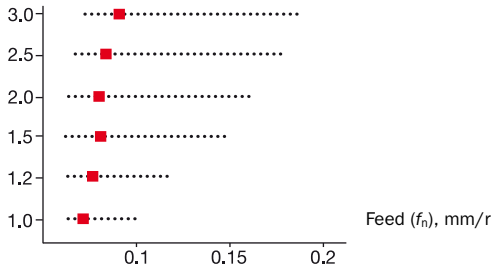
For cutting speed recommendations, see page B114

CoroCut® QD

QD-N..-CF



Radial feed
Cutting width (CW), mm

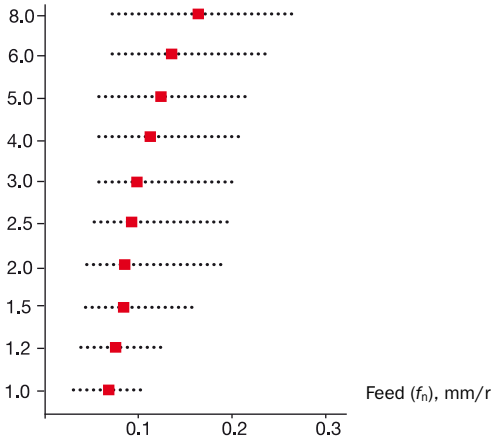


Positive geometry for low feed
First choice for thin walled components and small diameters. Small corner radii and positive geometry reduce pip and burr on component in stainless steel and sticky materials. Wiper corners for high surface finish.

QD-N..-CM



Radial feed
Cutting width (CW), mm

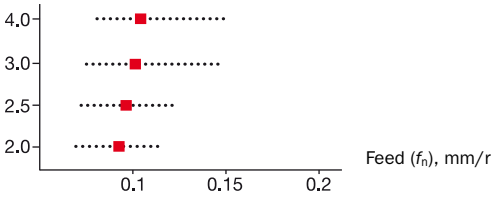


First choice, universal geometry
First choice for parting off to centre at good conditions in most materials and light intermittent applications such as parting hexagonal bars.

QD-R/L..-CM



Radial feed
Cutting width (CW), mm

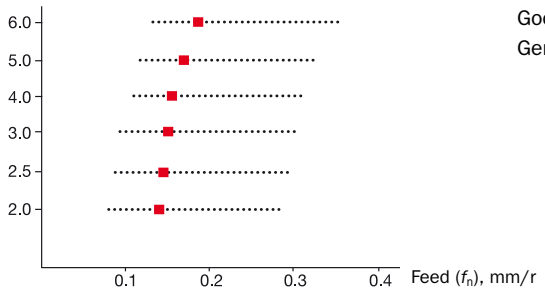


Universal geometry
For reducing pip and burr in parting off at good conditions in most material and light intermittent applications such as parting hexagonal bars.

QD-N..-CR



Radial feed
Cutting width (CW), mm



Strong geometry, negative cutting edge
First choice for parting off to centre 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 B114

SANDVIK Coromant

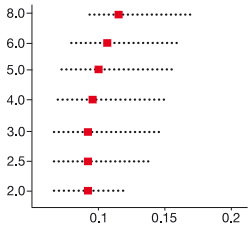
ENG

CoroCut® QD

QD-N..-CL



Radial feed
Cutting width (CW), mm



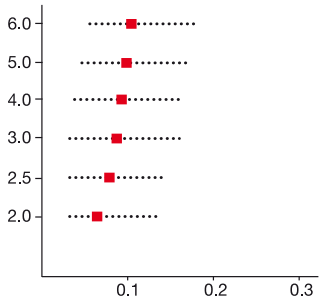
Feed (f_n), mm/r

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



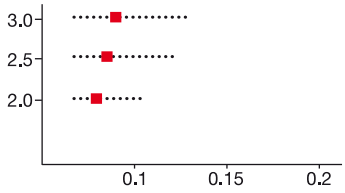
Feed (f_n), mm/r

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



Feed (f_n), mm/r

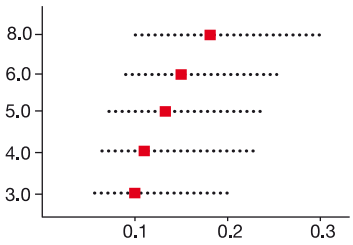
Optimizer geometry – front ground, sharp cutting egde
For reducing pip and burr in parting off at good conditions in most material and light intermittent applications such as parting hexagonal bars.
Low cutting forces, reduce built-up edge and minimize risk for vibrations.

QD-N..-TF



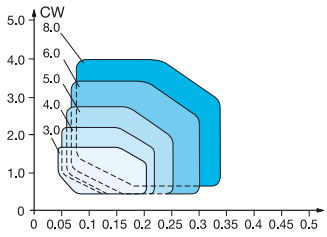
Wiper TECHNOLOGY

Radial feed
Cutting width (CW), mm



Feed (f_n), mm/r

Axial feed
Cutting depth (a_p), mm



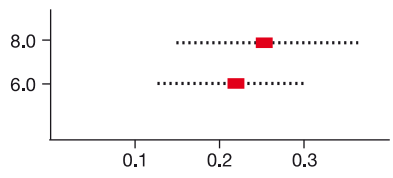
Feed (f_n), mm/r

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



Feed (f_n), mm/r

Grooving in all materials
Outstanding chip control.
Reduces chip width giving good surfaces.

■ = Recommended starting value.

For cutting speed recommendations, see page B114

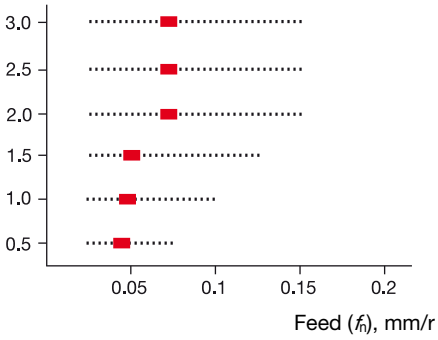
CoroCut® 3

Grooving

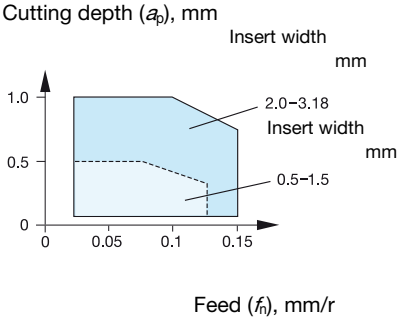


123-GS

Radial feed
Insert width (W1), mm



Axial feed
Cutting depth (a_p), mm

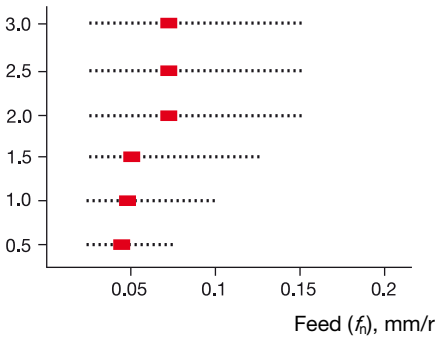


Profiling

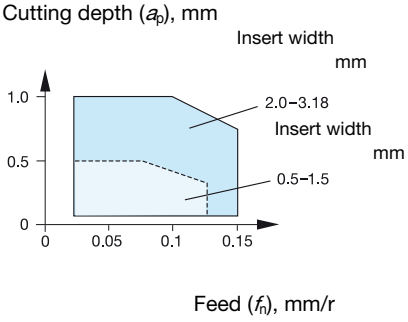


123-RS

Radial feed
Insert width (W1), mm



Axial feed
Cutting depth (a_p), mm



= Recommended starting value at normal speeds
= Recommended starting value at low speeds

For cutting speed recommendations, see page B114

ENG

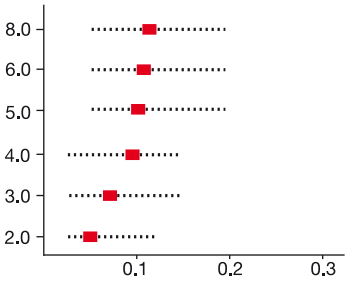
T-Max Q-Cut®

Internal grooving



151.3-4G

Radial feed
Insert width (W1), mm



Low feed choice

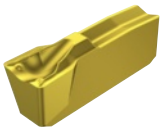
Feed (f_n) mm/r

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

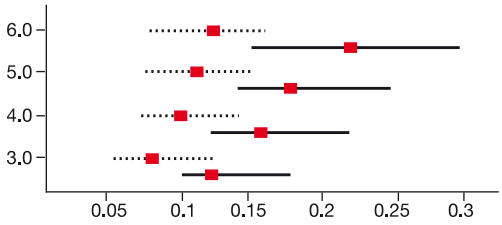


151.3-7G

Wiper TECHNOLOGY

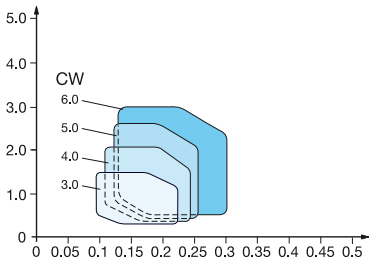
Medium feed choice

Radial feed
Insert width (W1), mm



Feed (f_n), mm/r

Axial feed
Cutting depth (a_p), mm



Feed (f_n), mm/r

First choice for face grooving.

Good chip control both when cutting first groove and opening up. Smaller diameter grooves can be cut. Excellent stability.
For face grooving in all materials.

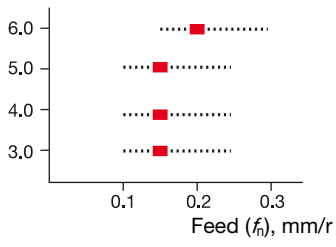
First choice for internal turning/grooving

Good chip control.Generates good surface finish, due to Wiper design.



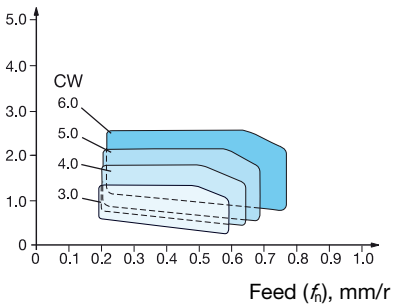
151.3-7P

Radial feed
Insert width (W1), mm



Feed (f_n), mm/r

Axial feed
Cutting depth (a_p), mm



Feed (f_n), mm/r

For profiling in face grooving operations.

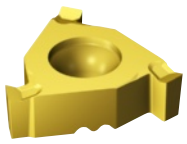
Good chip control in both axial and radial direction. Well suited also for internal profiling operations.

= Recommended starting value.

For cutting speed recommendations, see page B114

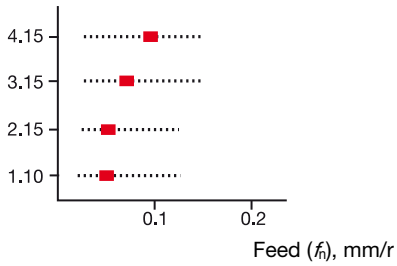
CoroThread®

Circlip grooving



254R/LG

Radial feed
Insert width (W1), mm



Alternative for good economy when grooving circlips.

High productivity and reliability through low cutting forces with reduced vibration. Three cutting edges give good economy. Recommended for use in all materials.

▬ = Recommended starting value.

For cutting speed recommendations, see page B114

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 allround 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 InveioTM coating technology.



GC1135 (HC) – P25 (P10-P45)
A CVD-coated carbide grade for toughness demanding operations such as cut-off to centre and interrupted cuts. Back up alternative when grooving and turning. Very good bulk and edge line toughness. To be 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 centre and interrupted cuts. Back up alternative when grooving and turning. Very good bulk and edge line toughness.To be 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 at stable conditions due to its excellent hot hardness, while 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. To be 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 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 aluminium oxide (Al_2O_3).
CM	Mixed ceramics containing primarily aluminium 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)]

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)
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 have high hot hardness and good resistance against plastic deformation, guarantees high performance with even flank wear. Suitable for grooving,and profiling at stable conditions with 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 aluminium oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminium 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)]

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-round CVD-coated grade with 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 also effective on hard cast-iron.



GC1125 (HC) - K30 (K15-K35)
A PVD-coated allround grade for toughness demanding operations and interrupted cuts. This grade has a good edge security due to the superior coating. To be used at medium to low cutting speeds



GC1135 (HC) - K20 (K10-K30)
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 it is 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 allround 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 aluminium oxide (Al_2O_3).
CM	Mixed ceramics containing primarily aluminium 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)]

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 PVD-coated grade for toughness demanding operations, recommended for interrupted cuts.

C



H13A (HW) – N20 (N10-N30)
Uncoated carbide grade. Combines good abrasive wear resistance and toughness. For parting and grooving.

D



H10 (HW) – N10 (N05-N15)
Uncoated carbide grade with good edge sharpness. Recommended for intermitten 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

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.



GC1025 (HC) - N25 (N15-N30)
A PVD-coated grade for toughness demanding operations. Recommended for Small Part Machining.

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 aluminium oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminium 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)]

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 and 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, recommended 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 depht of cuts.



GC1115 (HC) – S20 (S10-S25)
A PVD-coated carbide grade with high hardness and combined with superoir 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 centre and interrupted cuts.



CC670 (CA) – S10 (S05-S25)
A whisker reinforced aluminium oxide based ceramic with excellent bulk toughness. To be used under favourable 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 aluminium oxide (Al_2O_3).
CM	Mixed ceramics containing primarily aluminium 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)]

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 aluminium oxide (Al_2O_3).
CM	Mixed ceramics containing primarily aluminium 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)]

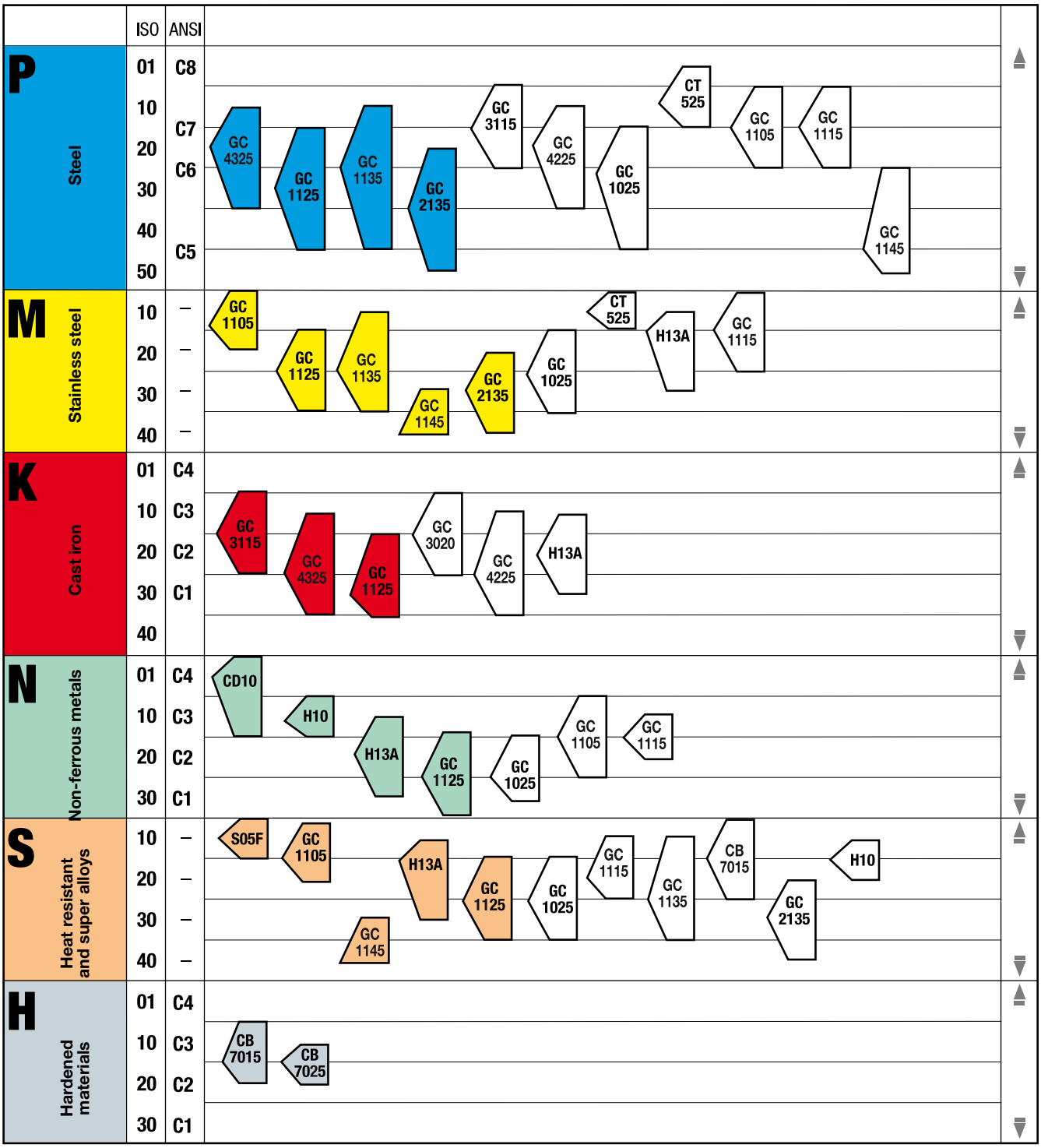
Boron nitride:

BN	Polycrystalline boron nitride[1)]

[1)] Polycrystalline diamond and polycrystalline boron nitride are also named superhard cutting materials.

ENG

Grades for parting and grooving



The position and form of the grade symbols indicate the suitable field of application.

Centre of the field of application.

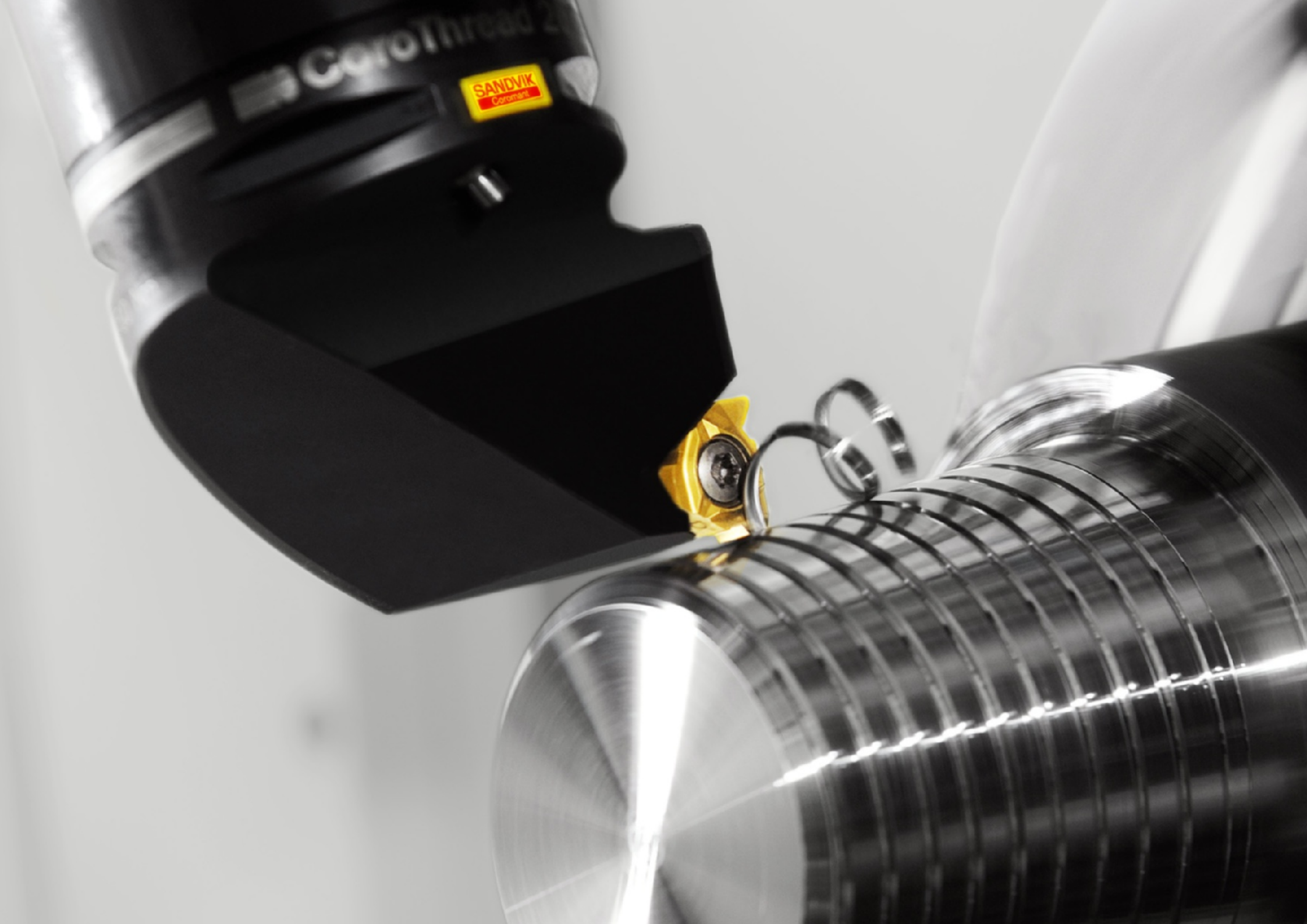
Recommended field of application.

Wear resistance

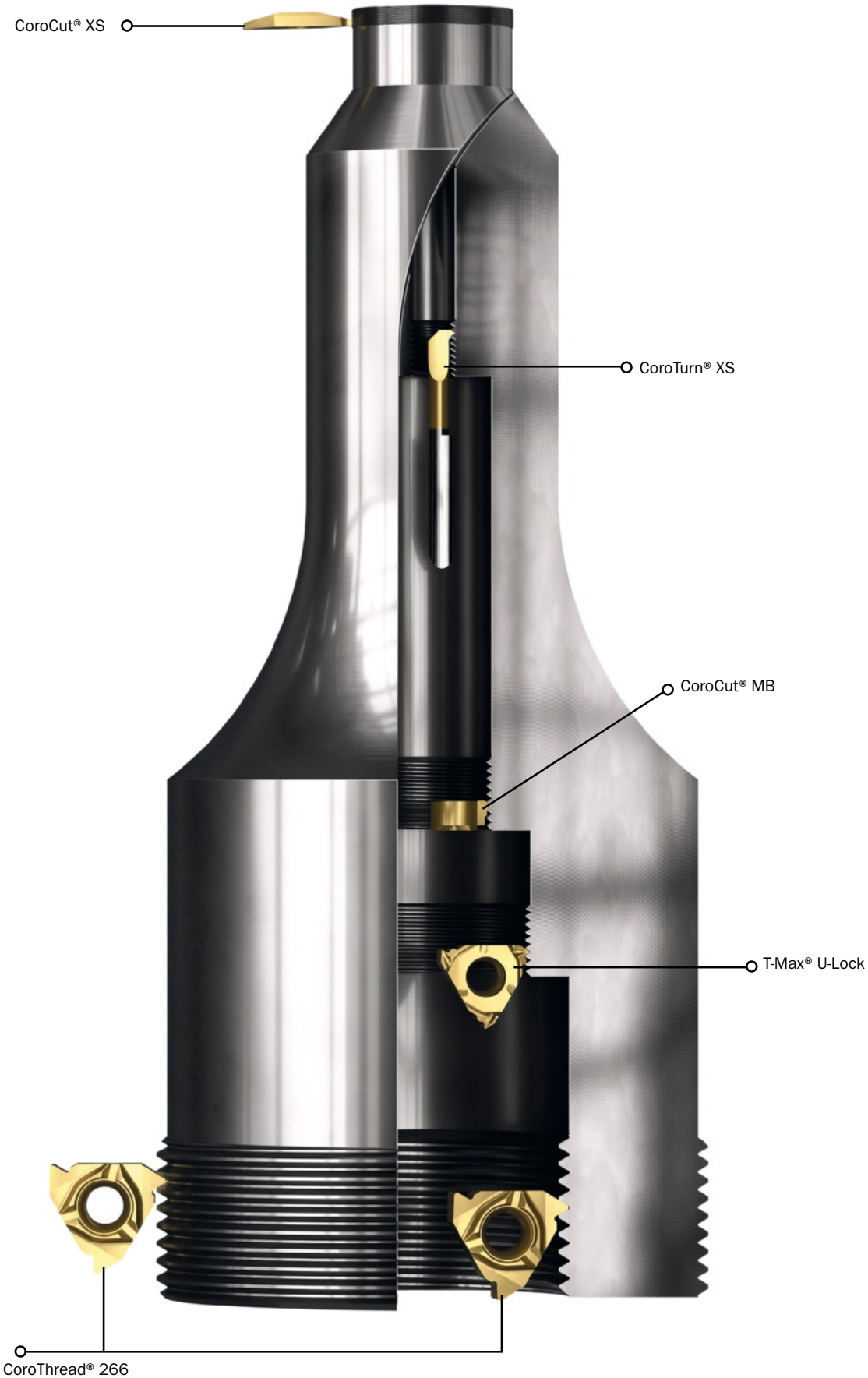
Toughness

= Basic grades

= Complementary grades


SANDVIK
Coromant

Thread turning


CoroCut® XS
CoroTurn® XS
CoroCut® MB
T-Max® U-Lock
CoroThread® 266

ENG

CoroThread® 266 C6

Inserts C7-C31
External tools C32-C38
Internal tools C39-C43

T-Max® U-Lock C44

Inserts C45-C50
Internal tools C51-C54

CoroCut® XS C55

Inserts C56-C58
External tools B83-B84

CoroTurn® XS C59

Cutting tools C60-C65
Adaptors F2

CoroCut® MB C66

Cutting tools C67-C72
Adaptors F2

		Pitches	Minimum hole size
CoroThread® 266	Ultra-rigid thread turning for all types of threads	0.5-8 (TP) 32-3 (TPI)	20 mm
CoroCut® XS	External threading of small components	0.2-1.5 (TP) 80-14 (TPI)	
CoroCut® MB	For internal threading with high precision	0.5-2.5 (TP) 32-8 (TPI)	10 mm
CoroTurn® XS	Internal threading of slender components	0.5-3 (TP) 32-16 (TPI)	4 mm
T-Max® U-Lock	For internal threading	0.5-2 (TP) 32-14 (TPI)	12 mm

Threading profiles

	V-profile 60° Non-topping		V-profile 55° Non-topping		Metric 60° Full form		UN 60° Full form		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	C7	C7	C8	C8	C11-C12	C9-C10	C15-C16	C13-C14	C18	C17
T-Max U-Lock®	C45		C46		C47		C48		C49	
CoroCut® XS		C56				C57		C58		C58
CoroTurn® XS	C60				C61		C62		C63	
CoroCut® MB	C67				C68		C69		C70	

	NPT 60° (NPSC, NPTR, LINE PIPE) Full form		BSPT 55° Full form		NPTF 60° Full form		Round 30° Full form		MJ 60° Full form	
	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	C20	C19	C21	C21	C22	C22	C23	C23		C24
T-Max U-Lock®	C50									
CoroCut® XS		C58								
CoroTurn® XS	C64									
CoroCut® MB	C71									

	UNJ 60° Full form		ISO Trapezoidal 30° Chamfered crest form		ACME 29° Chamfered crest form		STUB-ACME 29° Chamfered crest form		API 60° Full form 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		C25	C26	C26	C27	C27	C28	C28	C29	C29
T-Max U-Lock®										
CoroCut® XS										
CoroTurn® XS			C65							
CoroCut® MB					C72		C72			

	API Round 60° Full form		API Full form for tubes and casings	
	API spec.5B		API spec.5B	
	Internal	External	Internal	External
CoroThread® 266	C30	C30	C31	C31
T-Max U-Lock®				
CoroCut® XS				
CoroTurn® XS				
CoroCut® MB				

ENG

CoroThread® 266

External tools

 CoroThread® 266 cutting unit for thread turning — Page C32-C34

 CoroThread® 266 shank tool for thread turning — Page C35-C37

 CoroThread® 266 head for thread turning — Page C38

Internal tools

 CoroThread® 266 cutting unit for thread turning — Page C39

 CoroThread® 266 boring bar for thread turning — Page C40-C41

 CoroThread® 266 head for thread turning — Page C42-C43

T-Max® U-Lock

Internal tools

 T-Max® U-Lock cutting unit for thread turning — Page C51

 T-Max® U-Lock boring bar for thread turning — Page C52-C53

 T-Max® U-Lock head for thread turning — Page C54

CoroCut® XS

 CoroCut® XS — Page B83-B84

CoroTurn® XS

 CoroTurn® XS adaptor — Page F2

CoroCut® MB

 CoroCut® MB adaptor — Page F2

CoroThread® 266

Ultra-rigid thread turning for all types of threads

B

Application

- External threads
- Internal threads



Right hand style shown unless otherwise stated

C

ISO application area:

P M K N S H

Benefits and features

- Reduced machine- and downtime
- Excellent surface finish due 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

D

E

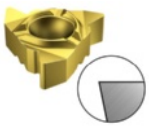
www.sandvik.coromant.com/corothread266

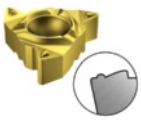
Inserts

- Insert geometries and grades for all materials
- Tailor Made inserts for almost any thread form or pitch

F


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

G

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.

H


C4


C32


C39



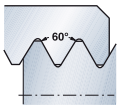
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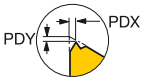
ENG

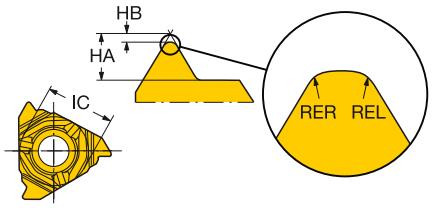
CoroThread® 266 insert for thread turning

V-profile 60° Non-topping









External right-hand threads

	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 RER	REL	HA	HB	PDX	PDY
16	1.0	2.0	12.0	24.0	1	266RG-16VM01A001EE																★	0.13	0.13	1.68	0.14	1.00	1.03
	1.0	2.0	12.0	24.0	1	266RG-16VM01A001M		★	☆		☆	★		★	☆		★	☆		☆	★		0.13	0.13	1.68	0.14	1.00	1.03
	1.0	2.0	12.0	24.0	1	266RG-16VM01C001M		★				★			★			★			★		0.13	0.13	1.68	0.14	1.00	1.03
	1.0	2.0	12.0	24.0	1	266RG-16VM01F001E			★			★			★			★			★		0.13	0.13	1.68	0.14	1.00	1.03
	1.5	3.0	8.0	16.0	1	266RG-16VM01A002EE																★	0.20	0.20	2.64	0.20	1.50	1.03
	1.5	3.0	8.0	16.0	1	266RG-16VM01A002M		★	☆		☆	★		★	☆		★	☆		☆	★		0.20	0.20	2.64	0.20	1.50	1.03
	1.5	3.0	8.0	16.0	1	266RG-16VM01C002M		★				★			★			★			★		0.20	0.20	2.64	0.20	1.50	1.03
	1.5	3.0	8.0	16.0	1	266RG-16VM01F002E			★			★			★			★			★		0.20	0.20	2.64	0.20	1.50	1.03
22	3.5	6.0	4.0	7.0	1	266RG-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	★			0.48	0.48	4.92	0.48	2.90	0.39
	3.5	6.0	4.0	7.0	1	266RG-22VM01F001E	★			★			★			★			★				0.48	0.48	4.92	0.48	2.90	0.39

External left-hand threads

	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 RER	REL	HA	HB	PDX	PDY
16	1.0	2.0	12.0	24.0	1	266LG-16VM01A001M		★	☆		☆	★		★	☆		★	☆		☆	★	0.13	0.13	1.68	0.14	1.00	1.03
	1.5	3.0	8.0	16.0	1	266LG-16VM01A002M		★	☆		☆	★		★	☆		★	☆		☆	★	0.20	0.20	2.64	0.20	1.50	0.99
22	3.5	6.0	4.0	7.0	1	266LG-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	★		0.48	0.48	4.92	0.48	2.90	0.39

Internal right-hand threads

	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 RER	REL	HA	HB	PDX	PDY
16	1.0	2.0	12.0	24.0	1	266RL-16VM01A001M		★	☆		☆	★		★	☆		★	☆		☆	★		0.06	0.06	1.45	0.06	1.00	1.01
	1.0	2.0	12.0	24.0	1	266RL-16VM01C001M			★			★			★			★			★		0.06	0.06	1.45	0.06	1.00	1.02
	1.0	2.0	12.0	24.0	1	266RL-16VM01F001E			★			★			★			★			★		0.06	0.06	1.45	0.06	1.00	1.02
	1.5	3.0	8.0	16.0	1	266RL-16VM01A002EE																★	0.09	0.09	2.54	0.09	1.50	1.01
	1.5	3.0	8.0	16.0	1	266RL-16VM01A002M		★	☆		☆	★		★	☆		★	☆		☆	★		0.09	0.09	2.54	0.09	1.50	1.01
	1.5	3.0	8.0	16.0	1	266RL-16VM01C002M			★			★			★			★			★		0.09	0.09	2.54	0.09	1.50	1.03
	1.5	3.0	8.0	16.0	1	266RL-16VM01F002E			★			★			★			★			★		0.09	0.09	2.54	0.09	1.50	1.03
22	3.5	6.0	4.0	7.0	1	266RL-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	★			0.26	0.26	4.35	0.26	2.50	0.77
	3.5	6.0	4.0	7.0	1	266RL-22VM01F001E	★			★			★			★			★				0.26	0.26	4.35	0.26	2.50	0.77

Internal left-hand threads

	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 RER	REL	HA	HB	PDX	PDY
16	1.0	2.0	12.0	24.0	1	266LL-16VM01A001M		★	☆		☆	★		★	☆		★	☆		☆	★	0.06	0.06	1.45	0.06	1.00	1.01
	1.5	3.0	8.0	16.0	1	266LL-16VM01A002M		★	☆		☆	★		★	☆		★	☆		☆	★	0.09	0.09	2.54	0.09	1.50	1.01
22	3.5	6.0	4.0	7.0	1	266LL-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	★		0.26	0.26	4.35	0.26	2.75	0.77

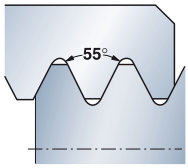
R = Right hand, L = Left hand

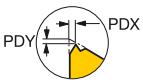
C32 C39 C73 C83 H36 H35 H26

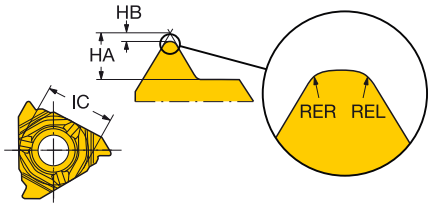
CoroThread® 266 insert for thread turning

V-profile 55° Non-topping









External right-hand threads

	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	RER	REL	HA	HB	PDX	PDY
16	14.0	28.0	1	266RG-16VW01A001M		★	☆		☆	★		★	☆		★	☆		☆	★	0.11	0.11	1.68	0.14	1.00	1.03
	14.0	28.0	1	266RG-16VW01C001M		★			★			★			★			★		0.11	0.11	1.68	0.13	1.00	1.03
	14.0	28.0	1	266RG-16VW01F001E			★			★			★			★			★	0.11	0.11	1.68	0.14	1.00	1.01
	8.0	14.0	1	266RG-16VW01A002M		★	☆		☆	★		★	☆		★	☆		☆	★	0.23	0.23	2.79	0.26	1.50	1.03
	8.0	14.0	1	266RG-16VW01C002M		★			★			★			★			★		0.23	0.23	2.79	0.26	1.50	1.03
	8.0	14.0	1	266RG-16VW01F002E			★			★			★			★			★	0.23	0.23	2.79	0.26	1.50	0.99
22	4.0	7.0	1	266RG-22VW01A001M	☆	★		☆	★		☆	★		☆	★		☆	★		0.48	0.48	5.23	0.53	2.75	0.10
	4.0	7.0	1	266RG-22VW01F001E	★			★			★			★			★			0.48	0.48	5.23	0.53	2.75	0.10

External left-hand threads

	TPIN	TPIX	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	RER	REL	HA	HB	PDX	PDY
16	14.0	28.0	1	266LG-16VW01A001M		★		★		★		★		★	0.11	0.11	1.68	0.13	1.00	1.03
	8.0	14.0	1	266LG-16VW01A002M		★		★		★		★		★	0.23	0.23	2.79	0.26	1.50	1.03
22	4.0	7.0	1	266LG-22VW01A001M	★		★		★		★		★		0.48	0.48	5.23	0.53	2.75	0.10

Internal right-hand threads

	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	RER	REL	HA	HB	PDX	PDY
16	14.0	28.0	1	266RL-16VW01A001M		★	☆		☆	★		★	☆		★	☆		☆	★	0.11	0.11	1.60	0.12	1.00	1.01
	14.0	28.0	1	266RL-16VW01C001M			★			★			★			★			★	0.11	0.11	1.60	0.12	1.00	1.01
	14.0	28.0	1	266RL-16VW01F001E			★			★			★			★			★	0.11	0.11	1.60	0.12	1.00	1.01
	8.0	14.0	1	266RL-16VW01A002M		★	☆		☆	★		★	☆		★	☆		☆	★	0.23	0.23	2.80	0.25	1.50	1.01
	8.0	14.0	1	266RL-16VW01C002M			★			★			★			★			★	0.23	0.23	2.80	0.24	1.50	1.03
	8.0	14.0	1	266RL-16VW01F002E			★			★			★			★			★	0.23	0.23	2.80	0.24	1.50	0.99
22	4.0	7.0	1	266RL-22VW01A001M	☆	★		☆	★		☆	★		☆	★		☆	★		0.47	0.47	5.18	0.53	2.75	0.19
	4.0	7.0	1	266RL-22VW01F001E	★			★			★			★			★			0.47	0.47	5.18	0.53	2.75	0.19

Internal left-hand threads

	TPIN	TPIX	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	RER	REL	HA	HB	PDX	PDY
16	14.0	28.0	1	266LL-16VW01A001M		★		★		★		★		★	0.11	0.11	1.60	0.12	1.00	1.03
	8.0	14.0	1	266LL-16VW01A002M		★		★		★		★		★	0.23	0.23	2.80	0.25	1.50	1.01
22	4.0	7.0	1	266LL-22VW01A001M	★		★		★		★		★		0.47	0.47	5.18	0.53	2.75	0.19

R = Right hand, L = Left hand

C32 C39 C73 C83 H36 H35 H26

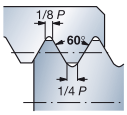
SANDVIK Coromant

ENG

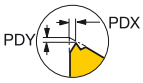
CoroThread® 266 insert for thread turning

Metric 60° Full form

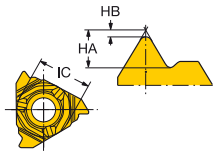




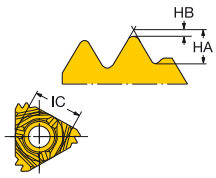
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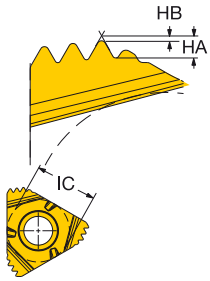
ISO 965-1998
6



ISO 965-1998
6



ISO 965-1998
6



External right-hand threads

	TP	NT	Ordering code	P			M			K			N			S			Dimensions, mm			
				1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
16	0.50	1	266RG-16MM01A050M		★	☆		☆	★		★	☆		★	☆		☆	★	0.37	0.08	0.50	1.32
	0.75	1	266RG-16MM01A075M		★	☆		☆	★		★	☆		★	☆		☆	★	0.56	0.11	0.50	1.32
	0.80	1	266RG-16MM01F080E			★			★			★			★			★	0.60	0.11	0.60	1.32
	1.00	1	266RG-16MM01A100M		★	☆		☆	★		★	☆		★	☆		☆	★	0.75	0.15	0.80	1.32
	1.00	1	266RG-16MM01C100M		★			★			★			★			★		0.75	0.15	0.80	1.32
	1.00	1	266RG-16MM01F100E			★			★			★			★			★	0.75	0.15	0.80	1.32
	1.25	1	266RG-16MM01A125M		★	☆		☆	★		★	☆		★	☆		☆	★	0.93	0.19	0.80	1.32
	1.25	1	266RG-16MM01C125M		★			★			★			★			★		0.93	0.19	0.80	1.32
	1.25	1	266RG-16MM01F125E			★			★			★			★			★	0.93	0.19	0.80	1.32
	1.50	1	266RG-16MM01A150M		★	☆		☆	★		★	☆		★	☆		☆	★	1.12	0.22	1.00	1.32
	1.50	1	266RG-16MM01C150M		★			★			★			★			★		1.12	0.22	1.00	1.33
	1.50	1	266RG-16MM01F150E			★			★			★			★			★	1.12	0.22	1.00	1.32
	1.75	1	266RG-16MM01A175M		★	☆		☆	★		★	☆		★	☆		☆	★	1.31	0.25	1.20	1.32
	1.75	1	266RG-16MM01C175M		★			★			★			★			★		1.31	0.25	1.20	1.33
	1.75	1	266RG-16MM01F175E			★			★			★			★			★	1.31	0.25	1.20	1.32
	2.00	1	266RG-16MM01A200M		★	☆		☆	★		★	☆		★	☆		☆	★	1.50	0.29	1.40	1.32
	2.00	1	266RG-16MM01C200M		★			★			★			★			★		1.50	0.29	1.40	1.33
	2.00	1	266RG-16MM01F200E			★			★			★			★			★	1.50	0.29	1.40	1.32
	2.50	1	266RG-16MM01A250M		★	☆		☆	★		★	☆		★	☆		☆	★	1.87	0.36	1.40	1.32
	2.50	1	266RG-16MM01C250M		★			★			★			★			★		1.87	0.36	1.40	1.33
	2.50	1	266RG-16MM01F250E			★			★			★			★			★	1.87	0.36	1.40	1.32
	3.00	1	266RG-16MM01A300M		★	☆		☆	★		★	☆		★	☆		☆	★	2.25	0.42	1.80	1.32
	3.00	1	266RG-16MM01C300M		★			★			★			★			★		2.25	0.42	1.80	1.33
	3.00	1	266RG-16MM01F300E			★			★			★			★			★	2.25	0.42	1.80	1.32
22	3.50	1	266RG-22MM01A350M	☆	★		☆	★		☆	★		☆	★		☆	★		2.62	0.49	2.50	1.67
	3.50	1	266RG-22MM01F350E	★			★			★			★			★			2.62	0.49	2.50	1.67
	4.00	1	266RG-22MM01A400M	☆	★		☆	★		☆	★		☆	★		☆	★		3.00	0.56	2.50	1.67
	4.00	1	266RG-22MM01F400E	★			★			★			★			★			3.00	0.56	2.50	1.67
	4.50	1	266RG-22MM01A450M	☆	★		☆	★		☆	★		☆	★		☆	★		3.37	0.63	2.50	1.67
	5.00	1	266RG-22MM01A500M	☆	★		☆	★		☆	★		☆	★		☆	★		3.76	0.71	2.50	1.38
	5.50	1	266RG-22MM01A550M	☆	★		☆	★		☆	★		☆	★		☆	★		4.13	0.79	2.50	1.08
	6.00	1	266RG-22MM01A600M	☆	★		☆	★		☆	★		☆	★		☆	★		4.51	0.86	2.80	0.88

External right-hand threads - multipoint insert

	TP	NT	Ordering code	P			M			K			N			S			Dimensions, mm			
				1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
16	1.00	3	266RG-16MM03A100M		★			★			★			★			★		0.75	0.15	2.50	1.62
	1.25	2	266RG-16MM02A125M		★			★			★			★			★		0.96	0.09	2.25	1.41
	1.50	2	266RG-16MM02A150M		★	☆		☆	★		★	☆		★	☆		☆	★	1.12	0.22	2.20	1.42
	1.75	2	266RG-16MM02A175M		★			★			★			★			★		0.93	0.19	1.90	1.33
	2.00	2	266RG-16MM02A200M		★			★			★			★			★		1.50	0.29	2.90	1.91
22	2.50	2	266RG-22MM02A250E	★			★			★			★			★			1.87	0.36	3.75	1.97
	3.00	2	266RG-22MM02A300E	★			★			★			★			★			2.25	0.42	4.40	2.76

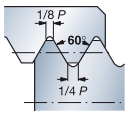
R = Right hand

C32 C39 C73 C83 H36 H35 H26

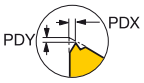
CoroThread® 266 insert for thread turning

Metric 60° Full form

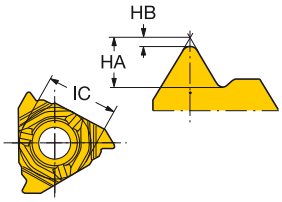




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External left-hand threads

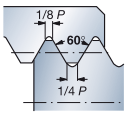
	TP	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	Dimensions, mm HA	HB	PDX	PDY
16	0.50	1	266LG-16MM01A050M		★		★		★		★		★	0.37	0.08	0.50	1.32
	0.75	1	266LG-16MM01A075M		★		★		★		★		★	0.56	0.11	0.50	1.32
	1.00	1	266LG-16MM01A100M		★		★		★		★		★	0.75	0.15	0.80	1.32
	1.25	1	266LG-16MM01A125M		★		★		★		★		★	0.93	0.19	0.80	1.32
	1.50	1	266LG-16MM01A150M		★		★		★		★		★	1.12	0.22	1.00	1.32
	1.75	1	266LG-16MM01A175M		★		★		★		★		★	1.31	0.25	1.20	1.32
	2.00	1	266LG-16MM01A200M		★		★		★		★		★	1.50	0.29	1.40	1.32
	2.50	1	266LG-16MM01A250M		★		★		★		★		★	1.87	0.36	1.40	1.32
	3.00	1	266LG-16MM01A300M		★		★		★		★		★	2.25	0.42	1.80	1.32
22	3.50	1	266LG-22MM01A350M	★		★		★		★		★		2.62	0.49	2.50	1.67
	4.00	1	266LG-22MM01A400M	★		★		★		★		★		3.00	0.56	2.50	1.67
	4.50	1	266LG-22MM01A450M	★		★		★		★		★		3.37	0.63	2.50	1.67
	5.00	1	266LG-22MM01A500M	★		★		★		★		★		3.76	0.71	2.50	1.38
	5.50	1	266LG-22MM01A550M	★		★		★		★		★		4.13	0.79	2.50	1.08
	6.00	1	266LG-22MM01A600M	★		★		★		★		★		4.51	0.86	2.80	0.88

L = Left hand

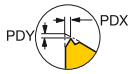
CoroThread® 266 insert for thread turning

Metric 60° Full form

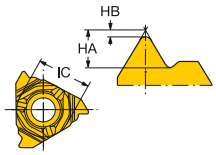




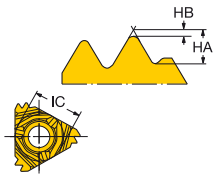
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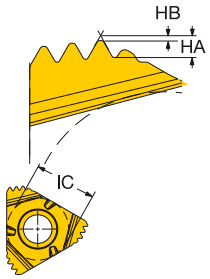
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Internal right-hand threads

	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 HA	HB	PDX	PDY
16	0.50	1	266RL-16MM01A050M		★	☆		☆	★		★	☆		★	☆		☆	★	0.32	0.03	0.50	1.30
	0.75	1	266RL-16MM01A075M		★	☆		☆	★		★	☆		★	☆		☆	★	0.47	0.04	0.50	1.30
	1.00	1	266RL-16MM01A100M		★	☆		☆	★		★	☆		★	☆		☆	★	0.64	0.06	0.80	1.30
	1.00	1	266RL-16MM01C100M			★			★			★			★			★	0.64	0.06	0.80	1.30
	1.00	1	266RL-16MM01F100E			★			★			★			★			★	0.64	0.06	0.80	1.30
	1.25	1	266RL-16MM01A125M		★	☆		☆	★		★	☆		★	☆		☆	★	0.79	0.07	0.80	1.30
	1.25	1	266RL-16MM01C125M			★			★			★			★			★	0.79	0.07	0.80	1.30
	1.25	1	266RL-16MM01F125E			★			★			★			★			★	0.79	0.07	0.80	1.30
	1.50	1	266RL-16MM01A150M		★	☆		☆	★		★	☆		★	☆		☆	★	0.96	0.09	1.00	1.30
	1.50	1	266RL-16MM01C150M			★			★			★			★			★	0.96	0.09	1.50	1.43
	1.50	1	266RL-16MM01F150E			★			★			★			★			★	0.96	0.09	1.00	1.30
	1.75	1	266RL-16MM01A175M		★	☆		☆	★		★	☆		★	☆		☆	★	1.11	0.11	1.20	1.30
	1.75	1	266RL-16MM01C175M			★			★			★			★			★	1.11	0.11	1.20	1.30
	1.75	1	266RL-16MM01F175E			★			★			★			★			★	1.11	0.11	1.20	1.30
	2.00	1	266RL-16MM01A200M		★	☆		☆	★		★	☆		★	☆		☆	★	1.27	0.12	1.40	1.30
	2.00	1	266RL-16MM01C200M			★			★			★			★			★	1.27	0.12	1.40	1.30
	2.00	1	266RL-16MM01F200E			★			★			★			★			★	1.27	0.12	1.40	1.30
	2.50	1	266RL-16MM01A250M		★	☆		☆	★		★	☆		★	☆		☆	★	1.59	0.16	1.40	1.30
	2.50	1	266RL-16MM01C250M			★			★			★			★			★	1.59	0.16	1.40	1.30
	2.50	1	266RL-16MM01F250E			★			★			★			★			★	1.59	0.16	1.40	1.30
	3.00	1	266RL-16MM01A300M		★	☆		☆	★		★	☆		★	☆		☆	★	1.92	0.19	1.80	1.30
	3.00	1	266RL-16MM01C300M			★			★			★			★			★	1.92	0.19	1.80	1.30
	3.00	1	266RL-16MM01F300E			★			★			★			★			★	1.92	0.19	1.80	1.30
22	3.50	1	266RL-22MM01A350M	☆	★		☆	★		☆	★		☆	★		☆	★		2.24	0.26	2.50	1.64
	4.00	1	266RL-22MM01A400M	☆	★		☆	★		☆	★		☆	★		☆	★		2.56	0.30	2.50	1.64
	4.50	1	266RL-22MM01A450M	☆	★		☆	★		☆	★		☆	★		☆	★		2.89	0.33	2.50	1.64
	5.00	1	266RL-22MM01A500M	☆	★		☆	★		☆	★		☆	★		☆	★		3.21	0.38	2.50	1.35
	5.50	1	266RL-22MM01A550M	☆	★		☆	★		☆	★		☆	★		☆	★		3.54	0.40	2.50	1.06
	6.00	1	266RL-22MM01A600M	☆	★		☆	★		☆	★		☆	★		☆	★		3.86	0.47	2.40	0.87

Internal right-hand threads - multipoint insert

	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 HA	HB	PDX	PDY
16	1.00	3	266RL-16MM03A100M		★			★			★			★			★		0.64	0.06	2.40	1.59
	1.50	2	266RL-16MM02A150M		★	☆		☆	★		★	☆		★	☆		☆	★	0.96	0.14	2.25	1.41
	2.00	2	266RL-16MM02A200M		★			★			★			★			★		1.27	0.12	2.85	1.79
22	2.50	2	266RL-22MM02A250E	★			★			★			★			★			1.59	0.16	3.50	1.93
	3.00	2	266RL-22MM02A300E	★			★			★			★			★			1.98	0.19	4.40	2.70

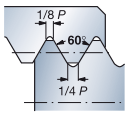
R = Right hand

C32 C39 C73 C83 H36 H35 H26

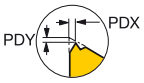
CoroThread® 266 insert for thread turning

Metric 60° Full form

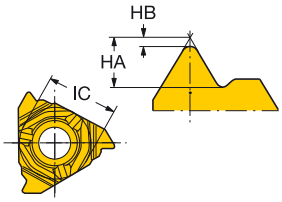




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Internal left-hand threads

	TP	NT	Ordering code	P		M		K		N		S		Dimensions, mm			
				1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY
16	0.50	1	266LL-16MM01A050M		★		★		★		★		★	0.32	0.03	0.50	1.30
	0.75	1	266LL-16MM01A075M		★		★		★		★		★	0.47	0.04	0.50	1.30
	1.00	1	266LL-16MM01A100M		★		★		★		★		★	0.64	0.06	0.80	1.30
	1.25	1	266LL-16MM01A125M		★		★		★		★		★	0.79	0.07	0.80	1.30
	1.50	1	266LL-16MM01A150M		★		★		★		★		★	0.96	0.09	1.00	1.30
	1.75	1	266LL-16MM01A175M		★		★		★		★		★	1.11	0.11	1.20	1.30
	2.00	1	266LL-16MM01A200M		★		★		★		★		★	1.27	0.12	1.40	1.30
	2.50	1	266LL-16MM01A250M		★		★		★		★		★	1.59	0.16	1.40	1.30
	3.00	1	266LL-16MM01A300M		★		★		★		★		★	1.92	0.19	1.80	1.30
22	3.50	1	266LL-22MM01A350M	★		★		★		★		★		2.24	0.26	2.50	1.64
	4.00	1	266LL-22MM01A400M	★		★		★		★		★		2.56	0.30	2.50	1.64
	4.50	1	266LL-22MM01A450M	★		★		★		★		★		2.89	0.33	2.50	1.64
	5.00	1	266LL-22MM01A500M	★		★		★		★		★		3.21	0.38	2.50	1.35
	5.50	1	266LL-22MM01A550M	★		★		★		★		★		3.54	0.40	2.50	1.06
	6.00	1	266LL-22MM01A600M	★		★		★		★		★		3.86	0.47	2.40	0.87

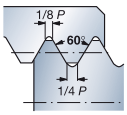
L = Left hand

ENG

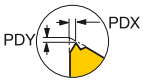
CoroThread® 266 insert for thread turning

UN 60° Full form

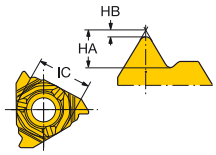




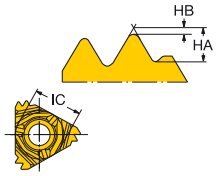
STDNO
TCTR



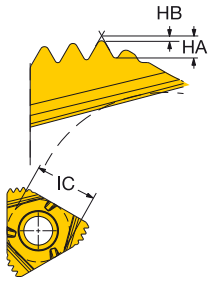
ISO 5864-1978
2A



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2A



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2A



External right-hand threads

	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 HA	HB	PDX	PDY
16	32.0	1	266RG-16UN01A320M		★	☆		☆	★		★	☆		★	☆		☆	★	0.59	0.10	0.50	1.30
	28.0	1	266RG-16UN01A280M		★	☆		☆	★		★	☆		★	☆		☆	★	0.68	0.12	0.80	1.32
	24.0	1	266RG-16UN01A240M		★	☆		☆	★		★	☆		★	☆		☆	★	0.79	0.14	0.08	1.30
	24.0	1	266RG-16UN01C240M		★			★			★			★			★		0.79	0.14	0.80	1.33
	24.0	1	266RG-16UN01F240E			★			★			★			★			★	0.79	0.14	0.80	1.30
	20.0	1	266RG-16UN01A200M		★	☆		☆	★		★	☆		★	☆		☆	★	0.95	0.16	0.08	1.30
	20.0	1	266RG-16UN01C200M		★			★			★			★			★		0.95	0.16	0.80	1.33
	20.0	1	266RG-16UN01F200E			★			★			★			★			★	0.95	0.16	0.80	1.30
	18.0	1	266RG-16UN01A180M		★	☆		☆	★		★	☆		★	☆		☆	★	1.05	0.18	1.00	1.30
	18.0	1	266RG-16UN01C180M		★			★			★			★			★		1.05	0.18	1.00	1.33
	18.0	1	266RG-16UN01F180E			★			★			★			★			★	1.05	0.18	1.00	1.30
	16.0	1	266RG-16UN01A160M		★	☆		☆	★		★	☆		★	☆		☆	★	1.19	0.20	1.00	1.30
	16.0	1	266RG-16UN01C160M		★			★			★			★			★		1.19	0.20	1.00	1.33
	16.0	1	266RG-16UN01F160E			★			★			★			★			★	1.19	0.20	1.00	1.30
	14.0	1	266RG-16UN01A140M		★	☆		☆	★		★	☆		★	☆		☆	★	1.35	0.23	1.20	1.30
	14.0	1	266RG-16UN01C140M		★			★			★			★			★		1.35	0.23	1.20	1.33
	14.0	1	266RG-16UN01F140E			★			★			★			★			★	1.35	0.23	1.20	1.30
	13.0	1	266RG-16UN01A130M		★	☆		☆	★		★	☆		★	☆		☆	★	1.46	0.25	1.40	1.30
	12.0	1	266RG-16UN01A120M		★	☆		☆	★		★	☆		★	☆		☆	★	1.58	0.28	1.40	1.30
	12.0	1	266RG-16UN01C120M		★			★			★			★			★		1.58	0.28	1.40	1.33
	12.0	1	266RG-16UN01F120E			★			★			★			★			★	1.58	0.28	1.40	1.30
	11.0	1	266RG-16UN01A110M		★	☆		☆	★		★	☆		★	☆		☆	★	1.72	0.30	1.40	1.30
	10.0	1	266RG-16UN01A100M		★	☆		☆	★		★	☆		★	☆		☆	★	1.90	0.33	1.40	1.30
	9.0	1	266RG-16UN01A090M		★			★			★			★			★		2.11	0.37	1.80	1.30
	8.0	1	266RG-16UN01A080M		★	☆		☆	★		★	☆		★	☆		☆	★	2.38	0.41	1.80	1.30
	8.0	1	266RG-16UN01C080M		★			★			★			★			★		2.38	0.41	1.80	1.33
	8.0	1	266RG-16UN01F080E			★			★			★			★			★	2.38	0.41	1.80	1.30
22	7.0	1	266RG-22UN01A070M	★			★			★			★			★			2.70	0.49	2.50	1.67
	6.0	1	266RG-22UN01A060M	★			★			★			★			★			3.16	0.57	2.50	1.67
	5.0	1	266RG-22UN01A050M	★			★			★			★			★			3.81	0.69	2.50	1.38
	4.5	1	266RG-22UN01A045M	★			★			★			★			★			4.23	0.77	2.65	1.08
	4.0	1	266RG-22UN01A040M	★			★			★			★			★			4.76	0.87	2.90	0.79

External right-hand threads - multipoint insert

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm HA	HB	PDX	PDY
16	18.0	3	266RG-16UN03A180M	★	★	★	★	★	1.05	0.18	3.45	2.12
	16.0	2	266RG-16UN02A160M	★	★	★	★	★	1.19	0.20	2.40	1.52
	14.0	2	266RG-16UN02A140M	★	★	★	★	★	1.35	0.23	2.70	1.77
	12.0	2	266RG-16UN02A120M	★	★	★	★	★	1.58	0.28	3.10	1.91

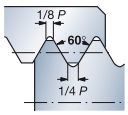
R = Right hand

C32 C39 C73 C83 H36 H35 H26

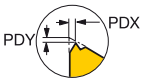
CoroThread® 266 insert for thread turning

UN 60° Full form

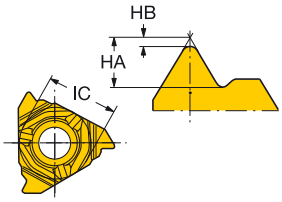




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External left-hand threads

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm HA	HB	PDX	PDY
16	32.0	1	266LG-16UN01A320M	★	★	★	★	★	0.59	0.10	0.50	1.32
	28.0	1	266LG-16UN01A280M	★	★	★	★	★	0.68	0.12	0.80	1.32
	24.0	1	266LG-16UN01A240M	★	★	★	★	★	0.79	0.14	0.80	1.30
	20.0	1	266LG-16UN01A200M	★	★	★	★	★	0.95	0.16	0.80	1.30
	18.0	1	266LG-16UN01A180M	★	★	★	★	★	1.05	0.18	1.00	1.30
	16.0	1	266LG-16UN01A160M	★	★	★	★	★	1.19	0.20	1.00	1.30
	14.0	1	266LG-16UN01A140M	★	★	★	★	★	1.35	0.23	1.20	1.30
	13.0	1	266LG-16UN01A130M	★	★	★	★	★	1.46	0.25	1.40	1.32
	12.0	1	266LG-16UN01A120M	★	★	★	★	★	1.58	0.28	1.40	1.30
	11.0	1	266LG-16UN01A110M	★	★	★	★	★	1.72	0.30	1.40	1.30
	10.0	1	266LG-16UN01A100M	★	★	★	★	★	1.90	0.33	1.40	1.30
	9.0	1	266LG-16UN01A090M	★	★	★	★	★	2.11	0.37	1.80	1.32
	8.0	1	266LG-16UN01A080M	★	★	★	★	★	2.38	0.41	1.80	1.30

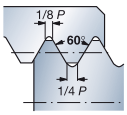
L = Left hand

ENG

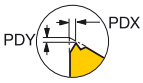
CoroThread® 266 insert for thread turning

UN 60° Full form

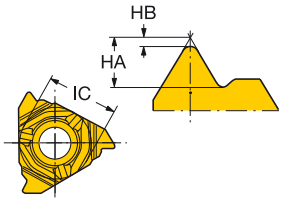




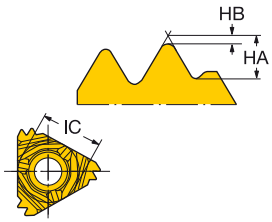
STDNO
TCTR



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2B



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2B



Internal right-hand threads

	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	32.0	1	266RL-16UN01A320M		★			★			★			★			★		0.50	0.05	0.90	1.30
	28.0	1	266RL-16UN01A280M		★			★			★			★			★		0.77	0.14	0.80	1.32
	24.0	1	266RL-16UN01A240M		★			★			★			★			★		0.67	0.06	1.30	1.35
	20.0	1	266RL-16UN01A200M		★	☆		☆	★		★	☆		★	☆		☆	★	0.80	0.07	0.80	1.30
	20.0	1	266RL-16UN01C200M			★			★			★			★			★	0.80	0.07	0.80	1.30
	18.0	1	266RL-16UN01A180M		★	☆		☆	★		★	☆		★	☆		☆	★	0.89	0.08	1.00	1.30
	18.0	1	266RL-16UN01C180M			★			★			★			★			★	0.89	0.08	1.00	1.30
	16.0	1	266RL-16UN01A160M		★	☆		☆	★		★	☆		★	☆		☆	★	1.00	0.09	1.00	1.30
	16.0	1	266RL-16UN01C160M			★			★			★			★			★	1.00	0.09	1.00	1.30
	16.0	1	266RL-16UN01F160E			★			★			★			★			★	1.00	0.09	1.00	1.30
	14.0	1	266RL-16UN01A140M		★	☆		☆	★		★	☆		★	☆		☆	★	1.13	0.11	1.20	1.30
	14.0	1	266RL-16UN01C140M			★			★			★			★			★	1.13	0.11	1.20	1.30
	12.0	1	266RL-16UN01A120M		★	☆		☆	★		★	☆		★	☆		☆	★	1.33	0.13	1.40	1.30
	12.0	1	266RL-16UN01C120M			★			★			★			★			★	1.33	0.13	1.40	1.30
	12.0	1	266RL-16UN01F120E			★			★			★			★			★	1.33	0.13	1.40	1.30
	11.0	1	266RL-16UN01A110M		★	☆		☆	★		★	☆		★	☆		☆	★	1.45	0.14	1.40	1.30
	10.0	1	266RL-16UN01A100M		★	☆		☆	★		★	☆		★	☆		☆	★	1.59	0.16	1.40	1.30
	9.0	1	266RL-16UN01A090M		★			★			★			★			★		1.77	0.18	1.80	1.30
	8.0	1	266RL-16UN01A080M		★	☆		☆	★		★	☆		★	☆		☆	★	2.00	0.20	1.80	1.30
	8.0	1	266RL-16UN01C080M			★			★			★			★			★	2.00	0.20	1.80	1.30
22	7.0	1	266RL-22UN01A070M	★			★			★			★			★			2.31	0.26	2.50	1.64
	6.0	1	266RL-22UN01A060M	★			★			★			★			★			2.70	0.32	2.50	1.64
	5.0	1	266RL-22UN01A050M	★			★			★			★			★			3.25	0.38	2.50	1.35
	4.5	1	266RL-22UN01A045M	★			★			★			★			★			3.62	0.41	2.50	1.06
	4.0	1	266RL-22UN01A040M	★			★			★			★			★			4.08	0.49	2.60	0.96

Internal right-hand threads - multipoint insert

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	HA	HB	PDX	PDY
16	16.0	2	266RL-16UN02A160M	★	★	★	★	★	1.00	0.09	0.80	1.30
	12.0	2	266RL-16UN02A120M	★	★	★	★	★	1.33	0.13	2.95	1.88

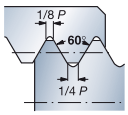
R = Right hand

C32 C39 C73 C83 H36 H35 H26

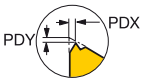
CoroThread® 266 insert for thread turning

UN 60° Full form

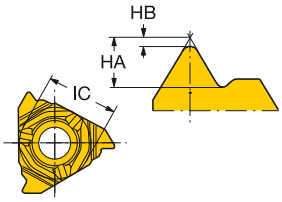




STDNO
TCTR



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Internal left-hand threads

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm HA	HB	PDX	PDY
16	20.0	1	266LL-16UN01A200M	★	★	★	★	★	0.80	0.07	0.80	1.30
	18.0	1	266LL-16UN01A180M	★	★	★	★	★	0.89	0.08	1.00	1.30
	16.0	1	266LL-16UN01A160M	★	★	★	★	★	1.00	0.09	1.00	1.30
	14.0	1	266LL-16UN01A140M	★	★	★	★	★	1.13	0.11	1.20	1.30
	12.0	1	266LL-16UN01A120M	★	★	★	★	★	1.33	0.13	1.40	1.30
	11.0	1	266LL-16UN01A110M	★	★	★	★	★	1.45	0.14	1.40	1.30
	10.0	1	266LL-16UN01A100M	★	★	★	★	★	1.59	0.16	1.40	1.30
	9.0	1	266LL-16UN01A090M	★	★	★	★	★	1.77	0.18	1.80	1.30
	8.0	1	266LL-16UN01A080M	★	★	★	★	★	2.00	0.20	1.80	1.30

L = Left hand

ENG

CoroThread® 266 insert for thread turning

Whitworth 55° (BSW, BSF, BSP) Full form

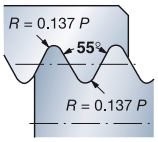
STDNO
STDNO
STDNO
TCTR

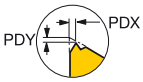
ISO 228-1982
BS-2779-1973
BS-84-1957
A

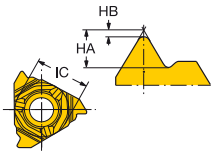
ISO 228-1982
BS-2779-1973
BS-84-1957
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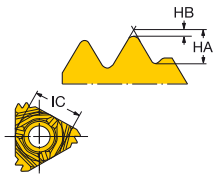
ISO 228-1982
BS-2779-1973
BS-84-1957
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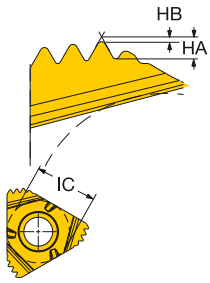












External right-hand threads

	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 HA	HB	PDX	PDY
16	28.0	1	266RG-16WH01A280M		★	☆		☆	★		★	☆		★	☆		☆	★	0.72	0.13	0.80	1.32
	26.0	1	266RG-16WH01A260M		★			★			★			★			★		0.77	0.14	2.30	1.51
	20.0	1	266RG-16WH01A200M		★			★			★			★			★		1.01	0.18	0.80	1.32
	19.0	1	266RG-16WH01A190M		★	☆		☆	★		★	☆		★	☆		☆	★	1.06	0.19	0.80	1.32
	19.0	1	266RG-16WH01C190M		★			★			★			★			★		1.06	0.19	0.80	1.33
	19.0	1	266RG-16WH01F190E			★			★			★			★			★	1.06	0.19	0.80	1.32
	18.0	1	266RG-16WH01A180M		★			★			★			★			★		1.12	0.20	1.00	1.32
	16.0	1	266RG-16WH01A160M		★			★			★			★			★		1.26	0.23	1.00	1.32
	14.0	1	266RG-16WH01A140M		★	☆		☆	★		★	☆		★	☆		☆	★	1.44	0.26	1.20	1.32
	14.0	1	266RG-16WH01C140M		★			★			★			★			★		1.44	0.26	1.20	1.33
	14.0	1	266RG-16WH01F140E			★			★			★			★			★	1.44	0.26	1.20	1.32
	12.0	1	266RG-16WH01A120M		★			★			★			★			★		1.68	0.31	1.40	1.32
	11.0	1	266RG-16WH01A110M		★	☆		☆	★		★	☆		★	☆		☆	★	1.83	0.34	1.40	1.32
	11.0	1	266RG-16WH01C110M		★			★			★			★			★		1.83	0.34	1.40	1.33
	11.0	1	266RG-16WH01F110E			★			★			★			★			★	1.83	0.34	1.40	1.32
	10.0	1	266RG-16WH01A100M		★			★			★			★			★		2.02	0.37	1.40	1.32
	9.0	1	266RG-16WH01A090M		★			★			★			★			★		2.24	0.42	1.80	1.32
	8.0	1	266RG-16WH01A080M		★	☆		☆	★		★	☆		★	☆		☆	★	2.52	0.47	1.80	1.32
22	7.0	1	266RG-22WH01A070M	★			★			★			★			★			2.88	0.54	2.50	1.67
	6.0	1	266RG-22WH01A060M	★			★			★			★			★			3.37	0.64	2.50	1.67
	5.0	1	266RG-22WH01A050M	★			★			★			★			★			4.04	0.77	2.50	1.38
	4.5	1	266RG-22WH01A045M	★			★			★			★			★			4.49	0.85	2.65	0.98
	4.0	1	266RG-22WH01A040M	★			★			★			★			★			5.06	0.96	2.75	0.59

External right-hand threads - multipoint insert

	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	Dimensions, mm HA	HB	PDX	PDY
16	19.0	3	266RG-16WH03A190M		★		★		★		★		★	1.06	0.19	3.30	2.02
	14.0	2	266RG-16WH02A140M		★		★		★		★		★	1.44	0.26	2.70	1.73
22	11.0	2	266RG-22WH02A110E	★		★		★		★		★		1.83	0.34	3.40	1.87

External left-hand threads

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm HA	HB	PDX	PDY
16	19.0	1	266LG-16WH01A190M	★	★	★	★	★	1.06	0.19	0.80	1.32
	14.0	1	266LG-16WH01A140M	★	★	★	★	★	1.44	0.26	1.20	1.32
	11.0	1	266LG-16WH01A110M	★	★	★	★	★	1.83	0.34	1.40	1.32

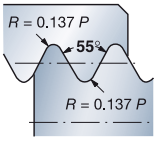
R = Right hand, L = Left hand

C32 C39 C73 C83 H36 H35 H26

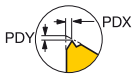
CoroThread® 266 insert for thread turning

Whitworth 55° (BSW, BSF, BSP) Full form

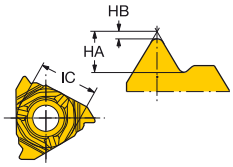




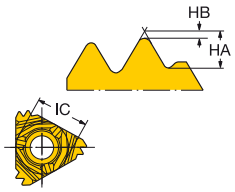
STDNO TCTR



STDNO BS-84-1957 A



STDNO BS-84-1957 A



Internal right-hand threads

	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	26.0	1	266RL-16WH01A260M		★			★			★			★			★		0.78	0.14	0.80	1.30
	20.0	1	266RL-16WH01A200M		★			★			★			★			★		0.99	0.17	0.80	1.30
	19.0	1	266RL-16WH01A190M		★	☆		☆	★		★	☆		★	☆		☆	★	1.05	0.18	0.80	1.30
	18.0	1	266RL-16WH01A180M		★			★			★			★			★		1.97	1.00	1.00	1.30
	16.0	1	266RL-16WH01A160M		★			★			★			★			★		1.25	0.22	1.00	1.30
	14.0	1	266RL-16WH01A140M		★	☆		☆	★		★	☆		★	☆		☆	★	1.43	0.25	1.20	1.30
	14.0	1	266RL-16WH01C140M			★			★			★			★			★	1.43	0.25	1.20	1.30
	14.0	1	266RL-16WH01F140E			★			★			★			★			★	1.43	0.25	1.20	1.30
	12.0	1	266RL-16WH01A120M		★			★			★			★			★		1.67	0.30	1.40	1.30
	11.0	1	266RL-16WH01A110M		★	☆		☆	★		★	☆		★	☆		☆	★	1.83	0.33	1.40	1.30
	11.0	1	266RL-16WH01C110M			★			★			★			★			★	1.83	0.33	1.40	1.30
	11.0	1	266RL-16WH01F110E			★			★			★			★			★	1.83	0.33	1.40	1.30
	10.0	1	266RL-16WH01A100M		★			★			★			★			★		2.02	0.37	1.40	1.30
	9.0	1	266RL-16WH01A090M		★			★			★			★			★		2.24	0.41	1.80	1.30
	8.0	1	266RL-16WH01A080M		★	☆		☆	★		★	☆		★	☆		☆	★	2.53	0.47	1.80	1.30
22	7.0	1	266RL-22WH01A070M	★			★			★			★			★			2.88	0.53	2.50	1.64
	6.0	1	266RL-22WH01A060M	★			★			★			★			★			3.36	0.62	2.50	1.64
	5.0	1	266RL-22WH01A050M	★			★			★			★			★			4.03	0.76	2.50	1.35
	4.5	1	266RL-22WH01A045M	★			★			★			★			★			4.48	0.85	2.65	0.96
	4.0	1	266RL-22WH01A040M	★			★			★			★			★			5.04	0.96	2.75	0.67

Internal right-hand threads - multipoint insert

	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	14.0	2	266RL-16WH02A140M		★		★		★		★		★	1.43	0.25	2.70	1.69
22	11.0	2	266RL-22WH02A110E	★		★		★		★		★		1.83	0.33	3.40	1.83

Internal left-hand threads

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	HA	HB	PDX	PDY
16	14.0	1	266LL-16WH01A140M	★	★	★	★	★	1.43	0.25	1.20	1.30
	11.0	1	266LL-16WH01A110M	★	★	★	★	★	1.83	0.33	1.40	1.30

R = Right hand, L = Left hand

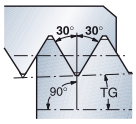
C32 C39 C73 C83 H36 H35 H26

ENG

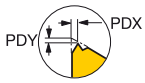
CoroThread® 266 insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

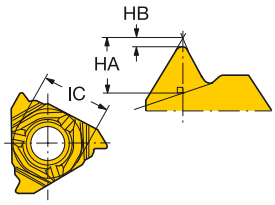




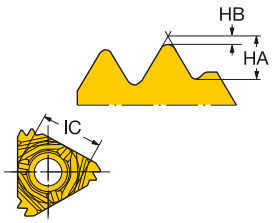
STDNO



ANSI B.1.20.1-1983



ANSI B.1.20.1-1983



External right-hand threads

	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
16	27.0	1	266RG-16NT01A270M	★	☆	☆	★	★	☆	★	☆	☆	★	0.76	0.05	0.80	1.03	0.03
	18.0	1	266RG-16NT01A180M	★	☆	☆	★	★	☆	★	☆	☆	★	1.14	0.08	1.00	1.03	0.03
	14.0	1	266RG-16NT01A140M	★	☆	☆	★	★	☆	★	☆	☆	★	1.46	0.09	1.20	1.03	0.03
	14.0	1	266RG-16NT01C140M	★		★		★		★		★		1.46	0.09	1.20	1.03	0.03
	14.0	1	266RG-16NT01F140E		★		★		★		★		★	1.46	0.09	1.20	1.03	0.03
	11.5	1	266RG-16NT01A115M	★	☆	☆	★	★	☆	★	☆	☆	★	1.79	0.11	1.40	1.03	0.03
	11.5	1	266RG-16NT01C115M	★		★		★		★		★		1.79	0.11	1.40	1.03	0.03
	11.5	1	266RG-16NT01F115E		★		★		★		★		★	1.79	0.11	1.40	1.03	0.03
	8.0	1	266RG-16NT01A080M	★	☆	☆	★	★	☆	★	☆	☆	★	2.57	0.14	1.60	1.03	0.03
	8.0	1	266RG-16NT01C080M	★		★		★		★		★		2.57	0.14	1.60	1.03	0.03

External right-hand threads - multipoint insert

	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	HA	HB	PDX	PDY	TG
22	11.5	2	266RG-22NT02A115E	★	★	★	★	★	1.79	0.11	3.40	1.67	0.03

External left-hand threads

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	HA	HB	PDX	PDY	TG
16	27.0	1	266LG-16NT01A270M	★	★	★	★	★	0.76	0.05	0.80	1.03	0.03
	18.0	1	266LG-16NT01A180M	★	★	★	★	★	1.14	0.08	1.00	1.03	0.03
	14.0	1	266LG-16NT01A140M	★	★	★	★	★	1.46	0.09	1.20	1.03	0.03
	11.5	1	266LG-16NT01A115M	★	★	★	★	★	1.79	0.11	1.40	1.03	0.03
	8.0	1	266LG-16NT01A080M	★	★	★	★	★	2.57	0.14	1.60	1.03	0.03

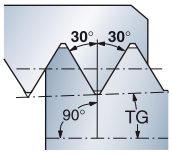
R = Right hand, L = Left hand

C32 C39 C73 C83 H36 H35 H26

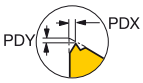
CoroThread® 266 insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

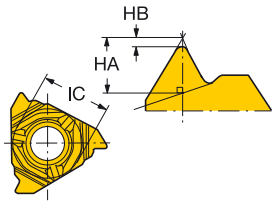




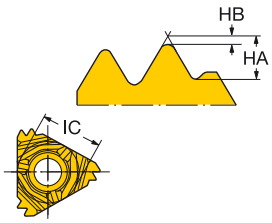
STDNO



ANSI B.1.20.1-1983



ANSI B.1.20.1-1983



Internal right-hand threads

	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
16	14.0	1	266RL-16NT01A140M	★	☆	☆	★	★	☆	★	☆	☆	★	1.46	0.09	1.20	1.01	0.03
	14.0	1	266RL-16NT01C140M		★		★		★		★		★	1.46	0.09	1.20	1.01	0.03
	14.0	1	266RL-16NT01F140E		★		★		★		★		★	1.46	0.09	1.20	1.01	0.03
	11.5	1	266RL-16NT01A115M	★	☆	☆	★	★	☆	★	☆	☆	★	1.78	0.11	1.40	1.01	0.03
	11.5	1	266RL-16NT01C115M		★		★		★		★		★	1.78	0.11	1.40	1.01	0.03
	11.5	1	266RL-16NT01F115E		★		★		★		★		★	1.78	0.11	1.40	1.01	0.03
	8.0	1	266RL-16NT01A080M	★	☆	☆	★	★	☆	★	☆	☆	★	2.57	0.14	1.60	1.01	0.03
	8.0	1	266RL-16NT01C080M		★		★		★		★		★	2.57	0.14	1.60	1.01	0.03

Internal right-hand threads - multipoint insert

	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	HA	HB	PDX	PDY	TG
22	11.5	2	266RL-22NT02A115E	★	★	★	★	★	1.79	0.11	3.40	1.64	0.03

Internal left-hand threads

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	HA	HB	PDX	PDY	TG
16	14.0	1	266LL-16NT01A140M	★	★	★	★	★	1.46	0.09	1.20	1.01	0.03
	11.5	1	266LL-16NT01A115M	★	★	★	★	★	1.79	0.11	1.40	1.01	0.03
	8.0	1	266LL-16NT01A080M	★	★	★	★	★	2.57	0.14	1.60	1.01	0.03

R = Right hand, L = Left hand

C32 C39 C73 C83 H36 H35 H26

SANDVIK Coromant

ENG

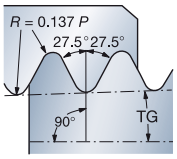
CoroThread® 266 insert for thread turning

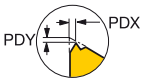
BSPT 55° Full form

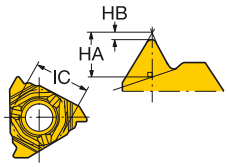
STDNO
STDNO

ISO 7/1
BS21:1985









External right-hand threads

	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
16	28.0	1	266RG-16PT01A280E	★	☆	☆	★	★	☆	★	☆	☆	★	0.70	0.13	0.80	1.32	0.03
	19.0	1	266RG-16PT01A190E	★	☆	☆	★	★	☆	★	☆	☆	★	1.04	0.19	0.80	1.32	0.03
	14.0	1	266RG-16PT01A140E	★	☆	☆	★	★	☆	★	☆	☆	★	1.41	0.26	1.20	1.32	0.03
	11.0	1	266RG-16PT01A110E	★	☆	☆	★	★	☆	★	☆	☆	★	1.80	0.34	1.40	1.32	0.03
	8.0	1	266RG-16PT01A080E	★		★		★		★		★		2.47	0.47	1.80	1.32	0.03

External left-hand threads

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	HA	HB	PDX	PDY	TG
16	19.0	1	266LG-16PT01A190E	★	★	★	★	★	1.04	0.19	0.80	1.32	0.03
	14.0	1	266LG-16PT01A140E	★	★	★	★	★	1.41	0.26	1.20	1.32	0.03
	11.0	1	266LG-16PT01A110E	★	★	★	★	★	1.80	0.34	1.40	1.32	0.03

Internal right-hand threads

	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
16	28.0	1	266RL-16PT01A280E	★		★		★		★		★		0.71	0.12	0.80	1.30	0.03
	19.0	1	266RL-16PT01A190E	★		★		★		★		★		1.03	0.18	0.80	1.30	0.03
	14.0	1	266RL-16PT01A140E	★	☆	☆	★	★	☆	★	☆	☆	★	1.40	0.25	1.20	1.30	0.03
	11.0	1	266RL-16PT01A110E	★	☆	☆	★	★	☆	★	☆	☆	★	1.80	0.33	1.40	1.30	0.03
	8.0	1	266RL-16PT01A080E	★		★		★		★		★		2.48	0.47	1.80	1.30	0.03

Internal left-hand threads

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	HA	HB	PDX	PDY	TG
16	19.0	1	266LL-16PT01A190E	★	★	★	★	★	1.03	0.18	0.80	1.30	0.03
	14.0	1	266LL-16PT01A140E	★	★	★	★	★	1.40	0.25	1.20	1.30	0.03
	11.0	1	266LL-16PT01A110E	★	★	★	★	★	1.80	0.33	1.40	1.30	0.03

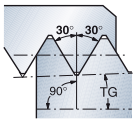
R = Right hand, L = Left hand

C32 C39 C73 C83 H36 H35 H26

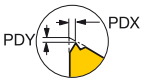
CoroThread® 266 insert for thread turning

NPTF 60° Full form

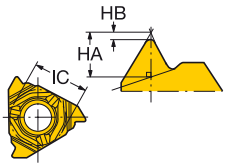




STDNO
TCTR



ANSI B1.20.3-1976
2



External right-hand threads

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm HA	HB	PDX	PDY	TG
16	27.0	1	266RG-16NF01A270E	★	★	★	★	★	0.75	0.11	0.80	1.03	0.03
	18.0	1	266RG-16NF01A180E	★	★	★	★	★	1.14	0.13	1.00	1.03	0.03
	14.0	1	266RG-16NF01A140E	★	★	★	★	★	1.49	0.13	1.20	1.03	0.03
	11.5	1	266RG-16NF01A115E	★	★	★	★	★	1.81	0.17	1.40	1.03	0.03
	8.0	1	266RG-16NF01A080E	★	★	★	★	★	2.60	0.21	1.60	1.03	0.03

Internal right-hand threads

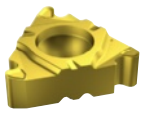
	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm HA	HB	PDX	PDY	TG
16	14.0	1	266RL-16NF01A140E	★	★	★	★	★	1.49	0.13	1.20	1.01	0.03
	11.5	1	266RL-16NF01A115E	★	★	★	★	★	1.81	0.17	1.40	1.01	0.03
	8.0	1	266RL-16NF01A080E	★	★	★	★	★	2.60	0.21	1.60	1.01	0.03

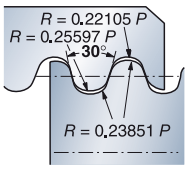
R = Right hand

ENG

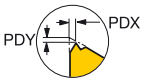
CoroThread® 266 insert for thread turning

Round 30° Full form

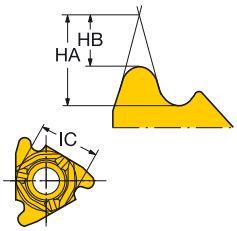




STDNO
TCTR



DIN 405
7-6



External right-hand threads

	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 HA	HB	PDX	PDY
16	10.0	1	266RG-16RN01A100M		★			★			★			★			★		2.97	1.72	0.85	1.33
	8.0	1	266RG-16RN01A080M		★			★			★			★			★		3.72	2.14	1.05	1.38
	8.0	1	266RG-16RN01F080E			★			★			★			★			★	3.72	2.14	1.05	1.37
	6.0	1	266RG-16RN01A060M		★			★			★			★			★		4.98	2.86	1.50	1.43
	6.0	1	266RG-16RN01F060E			★			★			★			★			★	4.98	2.86	1.50	1.43
22	4.0	1	266RG-22RN01A040M	★			★			★			★			★			7.45	4.30	2.60	1.38
	4.0	1	266RG-22RN01F040E	★			★			★			★			★			7.45	4.30	2.60	1.38

External left-hand threads

	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	Dimensions, mm HA	HB	PDX	PDY
16	10.0	1	266LG-16RN01A100M		★		★		★		★		★	2.97	1.72	0.85	1.32
	8.0	1	266LG-16RN01A080M		★		★		★		★		★	3.72	2.14	1.05	1.32
	6.0	1	266LG-16RN01A060M		★		★		★		★		★	4.98	2.86	1.50	1.43
22	4.0	1	266LG-22RN01A040M	★		★		★		★		★		7.45	4.30	2.60	1.38

Internal right-hand threads

	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 HA	HB	PDX	PDY
16	10.0	1	266RL-16RN01A100M		★			★			★			★			★		2.87	1.58	0.85	1.30
	8.0	1	266RL-16RN01A080M		★			★			★			★			★		3.56	1.97	1.05	1.30
	6.0	1	266RL-16RN01A060M		★			★			★			★			★		4.79	2.66	1.35	1.50
	6.0	1	266RL-16RN01F060E			★			★			★			★			★	4.79	2.66	1.35	1.45
22	4.0	1	266RL-22RN01A040M	★			★			★			★			★			7.17	3.98	2.60	1.35
	4.0	1	266RL-22RN01F040E	★			★			★			★			★			7.17	3.98	2.60	1.35

Internal left-hand threads

	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	Dimensions, mm HA	HB	PDX	PDY
16	10.0	1	266LL-16RN01A100M		★		★		★		★		★	2.87	1.58	0.85	1.30
	8.0	1	266LL-16RN01A080M		★		★		★		★		★	3.59	2.00	1.05	1.30
	6.0	1	266LL-16RN01A060M		★		★		★		★		★	4.79	2.66	1.35	1.45
22	4.0	1	266LL-22RN01A040M	★		★		★		★		★		7.17	3.98	2.60	1.35

R = Right hand, L = Left hand

C32 C39 C73 C83 H36 H35 H26

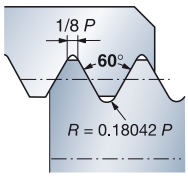
CoroThread® 266 insert for thread turning

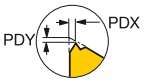
MJ 60° Full form

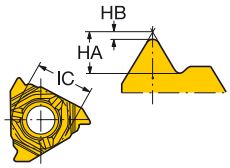
STDNO
TCTR

ISO 5855-1983
4-6









External right-hand threads

	TP	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	HA	HB	PDX	PDY
16	1.50	1	266RG-16MJ01A150E	★	★	★	★	★	1.12	0.25	1.00	1.32
	2.00	1	266RG-16MJ01A200E	★	★	★	★	★	1.50	0.34	1.40	1.32

Dimensions, mm

External left-hand threads

	TP	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	HA	HB	PDX	PDY
16	1.50	1	266LG-16MJ01A150E	★	★	★	★	★	1.12	0.25	1.00	1.32
	2.00	1	266LG-16MJ01A200E	★	★	★	★	★	1.50	0.34	1.40	1.32

Dimensions, mm

R = Right hand, L = Left hand

Internal threads

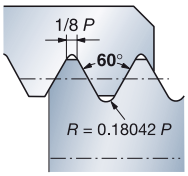
Note: To turn an internal MJ thread, use a CoroTurn 107 boring bar and insert to turn correct internal diameter and then produce the thread with a corresponding ISO metric 60° (MM) insert.

ENG

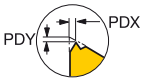
CoroThread® 266 insert for thread turning

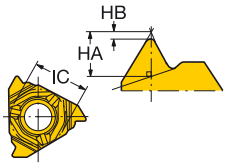
UNJ 60° Full form





STDNO ISO 3161-1977
STDNO BS 4084-1977
TCTR 3A





External right-hand threads

	TPI	NT	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm HA	HB	PDX	PDY
16	32.0	1	266RG-16NJ01A320E	★	★	★	★	★	0.59	0.13	0.50	1.32
	28.0	1	266RG-16NJ01A280E	★	★	★	★	★	0.67	0.15	0.80	1.32
	24.0	1	266RG-16NJ01A240E	★	★	★	★	★	0.79	0.18	0.80	1.32
	20.0	1	266RG-16NJ01A200E	★	★	★	★	★	0.94	0.21	1.00	1.32
	18.0	1	266RG-16NJ01A180E	★	★	★	★	★	1.05	0.23	1.00	1.32
	16.0	1	266RG-16NJ01A160E	★	★	★	★	★	1.18	0.26	1.00	1.32
	14.0	1	266RG-16NJ01A140E	★	★	★	★	★	1.35	0.30	1.20	1.32
	12.0	1	266RG-16NJ01A120E	★	★	★	★	★	1.58	0.36	1.40	1.32
	10.0	1	266RG-16NJ01A100E	★	★	★	★	★	1.89	0.42	1.40	1.32
	8.0	1	266RG-16NJ01A080E	★	★	★	★	★	2.38	0.53	1.80	1.32

R = Right hand

Internal threads

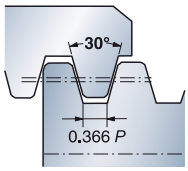
Note: To turn an internal UNJ thread use a CoroTurn 107 boring bar and insert to turn correct internal diameter and then produce the thread with a corresponding UN 60° insert.

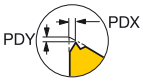
CoroThread® 266 insert for thread turning

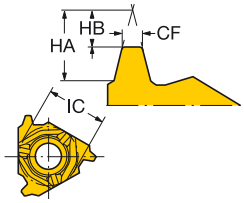
ISO Trapezoidal 30° Chamfered crest form

STDNO ISO 2901-2904
STDNO DIN 103-1977
TCTR 7









External right-hand threads

	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 CF	HA	HB	PDX	PDY
16	1.50	1	266RG-16TR01F150E		★		★		★		★		★	0.5	1.85	0.88	1.00	1.32
	2.00	1	266RG-16TR01F200E		★		★		★		★		★	0.6	2.44	1.13	1.10	1.32
	3.00	1	266RG-16TR01F300E		★		★		★		★		★	1.0	3.63	1.82	1.60	1.23
22	4.00	1	266RG-22TR01F400E	★		★		★		★		★		1.3	4.82	2.50	1.90	1.38
	5.00	1	266RG-22TR01F500E	★		★		★		★		★		1.7	6.01	3.18	2.10	1.38
	6.00	1	266RG-22TR01F600E	★		★		★		★		★		1.9	7.20	3.62	2.40	0.79
	7.00	1	266RG-22TR01F700E	★		★		★		★		★		2.3	8.38	4.31	2.40	0.79
27	8.00	1	266RG-27TR01F800E	★		★		★		★		★		2.7	9.57	5.00	3.30	0.54

External left-hand threads

	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 CF	HA	HB	PDX	PDY
16	1.50	1	266LG-16TR01F150E		★		★		★		★		★	0.5	1.85	0.88	1.00	1.32
	2.00	1	266LG-16TR01F200E		★		★		★		★		★	0.6	2.44	1.13	1.10	1.33
	3.00	1	266LG-16TR01F300E		★		★		★		★		★	1.0	3.63	1.82	1.60	1.23
22	4.00	1	266LG-22TR01F400E	★		★		★		★		★		1.3	4.82	2.50	1.90	1.38
	5.00	1	266LG-22TR01F500E	★		★		★		★		★		1.7	6.01	3.18	2.10	1.38
	6.00	1	266LG-22TR01F600E	★		★		★		★		★		1.9	7.20	3.62	2.40	0.79
	7.00	1	266LG-22TR01F700E	★		★		★		★		★		2.3	8.38	4.31	2.40	0.79

Internal right-hand threads

	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 CF	HA	HB	PDX	PDY
16	2.00	1	266RL-16TR01F200E		★		★		★		★		★	0.6	2.41	1.08	1.10	1.30
	3.00	1	266RL-16TR01F300E		★		★		★		★		★	0.9	3.59	1.76	1.60	1.21
22	4.00	1	266RL-22TR01F400E	★		★		★		★		★		1.3	4.77	2.45	1.90	1.35
	5.00	1	266RL-22TR01F500E	★		★		★		★		★		1.7	5.96	3.13	2.10	1.35
	6.00	1	266RL-22TR01F600E	★		★		★		★		★		1.9	7.14	3.56	2.40	0.77
	7.00	1	266RL-22TR01F700E	★		★		★		★		★		2.3	8.32	4.25	2.40	0.96
27	8.00	1	266RL-27TR01F800E	★		★		★		★		★		2.6	9.49	4.93	3.30	0.54

Internal left-hand threads

	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 CF	HA	HB	PDX	PDY
16	2.00	1	266LL-16TR01F200E		★		★		★		★		★	0.6	2.41	1.08	1.20	1.30
	3.00	1	266LL-16TR01F300E		★		★		★		★		★	0.9	3.59	1.76	1.35	1.45
22	4.00	1	266LL-22TR01F400E	★		★		★		★		★		1.3	4.77	2.45	1.90	1.35
	5.00	1	266LL-22TR01F500E	★		★		★		★		★		1.7	5.96	3.13	2.10	1.35
	6.00	1	266LL-22TR01F600E	★		★		★		★		★		1.9	7.14	3.56	2.40	0.77
	7.00	1	266LL-22TR01F700E	★		★		★		★		★		2.3	8.32	4.25	2.40	0.96

R = Right hand, L = Left hand

C32 C39 C73 C83 H36 H35 H26

SANDVIK Coromant

ENG

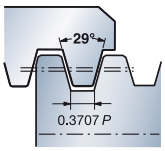
CoroThread® 266 insert for thread turning

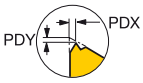
ACME 29° Chamfered crest form

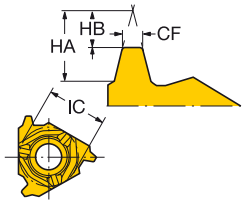
STDNO
TCTR

ANSI B1.5-1988
2G









External right-hand threads

	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
16	16.0	1	266RG-16AC01F160E		★		★		★		★		★	0.5	1.98	1.04	1.00	1.33
	14.0	1	266RG-16AC01F140E		★		★		★		★		★	0.6	2.26	1.21	1.10	1.33
	12.0	1	266RG-16AC01F120E		★		★		★		★		★	0.7	2.64	1.43	1.20	1.33
	10.0	1	266RG-16AC01F100E		★		★		★		★		★	0.8	3.16	1.61	1.30	1.32
	8.0	1	266RG-16AC01F080E		★		★		★		★		★	1.1	3.94	2.08	1.50	1.23
22	6.0	1	266RG-22AC01F060E	★		★		★		★		★		1.5	5.25	2.84	1.90	1.38
	5.0	1	266RG-22AC01F050E	★		★		★		★		★		1.8	6.29	3.47	2.10	1.38
	4.0	1	266RG-22AC01F040E	★		★		★		★		★		2.3	7.87	4.41	2.40	0.79
27	3.0	1	266RG-27AC01F030E	★		★		★		★		★		3.1	10.47	5.95	3.30	0.54

External left-hand threads

	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
16	12.0	1	266LG-16AC01F120E		★		★		★		★		★	0.7	2.64	1.43	1.20	1.33
	10.0	1	266LG-16AC01F100E		★		★		★		★		★	0.8	3.16	1.61	1.30	1.33
	8.0	1	266LG-16AC01F080E		★		★		★		★		★	1.1	3.94	2.08	1.50	1.23
22	6.0	1	266LG-22AC01F060E	★		★		★		★		★		1.5	5.25	2.84	1.90	1.38
	5.0	1	266LG-22AC01F050E	★		★		★		★		★		1.8	6.29	3.47	2.10	1.38
	4.0	1	266LG-22AC01F040E	★		★		★		★		★		2.3	7.87	4.41	2.40	0.79

Internal right-hand threads

	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
16	16.0	1	266RL-16AC01F160E			★			★			★			★			★	0.5	1.97	1.00	1.00	1.30
	14.0	1	266RL-16AC01F140E			★			★			★			★			★	0.6	2.25	1.16	1.10	1.30
	12.0	1	266RL-16AC01F120E			★			★			★			★			★	0.7	2.62	1.37	1.20	1.30
	10.0	1	266RL-16AC01F100E			★			★			★			★			★	0.8	3.13	1.54	1.30	1.30
	8.0	1	266RL-16AC01F080E			★			★			★			★			★	1.0	3.90	2.00	1.50	1.21
22	6.0	1	266RL-22AC01A060M		★	☆		☆	★		★	☆	★	☆		☆	★	1.4	5.19	0.14	1.90	1.01
	6.0	1	266RL-22AC01F060E	★			★			★			★			★			1.4	5.19	2.76	1.90	1.35
	5.0	1	266RL-22AC01F050E	★			★			★			★			★			1.7	6.22	3.37	2.10	0.96
	4.0	1	266RL-22AC01F040E	★			★			★			★			★			2.2	7.77	4.28	2.40	0.87
27	3.0	1	266RL-27AC01F030E	★			★			★			★			★			3.0	10.31	5.80	3.30	0.54

Internal left-hand threads

	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
16	12.0	1	266LL-16AC01F120E		★		★		★		★		★	0.7	2.62	1.37	1.20	1.30
	10.0	1	266LL-16AC01F100E		★		★		★		★		★	0.8	3.13	1.54	1.30	1.30
	8.0	1	266LL-16AC01F080E		★		★		★		★		★	1.0	3.90	2.00	1.50	1.21
22	6.0	1	266LL-22AC01F060E	★		★		★		★		★		1.4	5.19	2.76	1.90	1.35
	5.0	1	266LL-22AC01F050E	★		★		★		★		★		1.7	6.22	3.37	2.00	0.96
	4.0	1	266LL-22AC01F040E	★		★		★		★		★		2.2	7.77	4.28	2.40	0.70

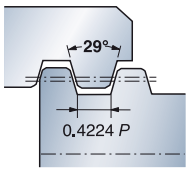
R = Right hand, L = Left hand

C32 C39 C73 C83 H36 H35 H26

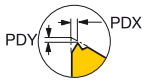
CoroThread® 266 insert for thread turning

STUB-ACME 29° Chamfered crest form

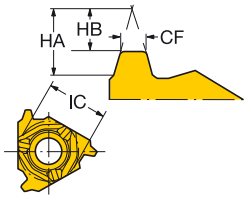




STDNO
TCTR



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 CF	HA	HB	PDX	PDY
16	3/8	16.0	1	266RG-16SA01F160E		★	★		★		★		★	0.6	1.86	1.21	1.50	1.23
		14.0	1	266RG-16SA01F140E		★	★		★		★		★	0.7	2.12	1.40	1.85	1.30
		12.0	1	266RG-16SA01F120E		★	★		★		★		★	0.9	2.47	1.65	1.10	1.32
		10.0	1	266RG-16SA01F100E		★	★		★		★		★	1.0	2.95	1.87	1.20	1.32
		8.0	1	266RG-16SA01F080E		★	★		★		★		★	1.2	3.67	2.39	1.50	1.53
22	1/2	6.0	1	266RG-22SA01F060E	★		★		★		★		★	1.7	4.86	3.27	1.80	1.67
		5.0	1	266RG-22SA01F050E	★		★		★		★		★	2.1	5.83	3.98	2.00	1.67
		4.0	1	266RG-22SA01F040E	★		★		★		★		★	2.6	7.27	5.05	2.40	1.67
27	5/8	3.0	1	266RG-27SA01F030E	★		★		★		★		★	3.5	9.66	6.81	3.10	1.72

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 CF	HA	HB	PDX	PDY
16	3/8	16.0	1	266LG-16SA01F160E		★	★		★		★		★	0.6	1.86	1.21	1.30	1.30
		14.0	1	266LG-16SA01F140E		★	★		★		★		★	0.7	2.12	1.40	1.10	1.32
		12.0	1	266LG-16SA01F120E		★	★		★		★		★	0.9	2.47	1.65	1.50	1.30
		10.0	1	266LG-16SA01F100E		★	★		★		★		★	1.0	2.95	1.87	1.30	1.30
		8.0	1	266LG-16SA01F080E		★	★		★		★		★	1.2	3.67	2.89	1.10	1.30
22	1/2	6.0	1	266LG-22SA01F060E	★		★		★		★		★	1.7	4.86	3.27	1.80	1.67
		5.0	1	266LG-22SA01F050E	★		★		★		★		★	2.1	5.83	3.98	2.00	1.67
		4.0	1	266LG-22SA01F040E	★		★		★		★		★	2.6	7.27	5.05	2.40	1.67

Internal 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 CF	HA	HB	PDX	PDY
16	3/8	16.0	1	266RL-16SA01F160E		★	★		★		★		★	0.6	1.81	1.15	1.00	1.30
		14.0	1	266RL-16SA01F140E		★	★		★		★		★	0.7	2.07	1.34	0.80	1.30
		12.0	1	266RL-16SA01F120E		★	★		★		★		★	0.9	2.40	1.59	1.10	1.30
		10.0	1	266RL-16SA01F100E		★	★		★		★		★	0.9	2.88	1.80	1.20	1.30
		8.0	1	266RL-16SA01F080E		★	★		★		★		★	1.2	3.59	2.31	1.50	1.50
22	1/2	6.0	1	266RL-22SA01F060E	★		★		★		★		★	1.6	4.77	3.18	1.80	1.64
		5.0	1	266RL-22SA01F050E	★		★		★		★		★	2.0	5.71	3.87	2.00	1.64
		4.0	1	266RL-22SA01F040E	★		★		★		★		★	2.5	7.13	4.91	2.40	1.64
27	5/8	3.0	1	266RL-27SA01F030E	★		★		★		★		★	3.4	9.49	6.64	3.10	1.72

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	Dimensions, mm CF	HA	HB	PDX	PDY
16	3/8	12.0	1	266LL-16SA01F120E		★	★		★		★		★	0.9	2.40	1.59	1.20	1.32
		10.0	1	266LL-16SA01F100E		★	★		★		★		★	0.9	2.88	1.80	1.50	1.52
		8.0	1	266LL-16SA01F080E		★	★		★		★		★	1.2	3.59	2.31	1.05	1.30
22	1/2	6.0	1	266LL-22SA01F060E	★		★		★		★		★	1.6	4.77	3.18	1.80	1.64
		5.0	1	266LL-22SA01F050E	★		★		★		★		★	2.0	5.71	3.87	2.00	1.64
		4.0	1	266LL-22SA01F040E	★		★		★		★		★	2.5	7.13	4.91	2.40	1.64

R = Right hand, L = Left hand

C32 C39 C73 C83 H36 H35 H26

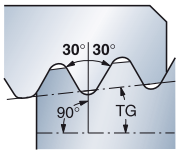
SANDVIK Coromant

ENG

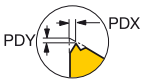
CoroThread® 266 insert for thread turning

API 60° Full form for shouldered connections

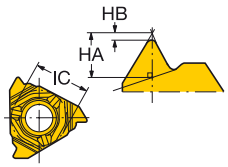




STDNO



API Spec. 7



External right-hand threads

	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	Dimensions, mm HA	HB	PDX	PDY	TG
22	5.0	1	266RG-22V401A0503E	☆	★	☆	★	☆	★	☆	★	☆	★	3.48	0.50	2.50	1.38	0.13
	4.0	1	266RG-22V381A0402E	☆	★	☆	★	☆	★	☆	★	☆	★	4.03	0.95	2.50	1.67	0.08
	4.0	1	266RG-22V381A0403E	☆	★	☆	★	☆	★	☆	★	☆	★	4.02	0.95	2.60	1.72	0.13
	4.0	1	266RG-22V501A0402E	☆	★	☆	★	☆	★	☆	★	☆	★	4.36	0.62	2.80	0.98	0.08
	4.0	1	266RG-22V501A0403E	☆	★	☆	★	☆	★	☆	★	☆	★	4.35	0.62	2.80	1.08	0.13
27	5.0	1	266RG-27V401A0503E		★		★		★		★		★	3.48	0.50	2.50	1.92	0.13
	4.0	1	266RG-27V381A0402E		★		★		★		★		★	4.03	0.95	2.60	2.41	0.08
	4.0	1	266RG-27V381A0403E		★		★		★		★		★	4.02	0.95	2.70	2.41	0.13
	4.0	1	266RG-27V501A0402E		★		★		★		★		★	4.36	0.62	2.80	1.92	0.08
	4.0	1	266RG-27V501A0403E		★		★		★		★		★	4.35	0.62	2.90	1.92	0.13

Internal right-hand threads

	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	Dimensions, mm HA	HB	PDX	PDY	TG
22	5.0	1	266RL-22V401A0503E	☆	★	☆	★	☆	★	☆	★	☆	★	3.48	0.50	2.50	1.35	0.13
	4.0	1	266RL-22V381A0402E	☆	★	☆	★	☆	★	☆	★	☆	★	4.03	0.95	2.60	1.74	0.08
	4.0	1	266RL-22V381A0403E	☆	★	☆	★	☆	★	☆	★	☆	★	4.02	0.95	2.60	1.74	0.13
	4.0	1	266RL-22V501A0402E	☆	★	☆	★	☆	★	☆	★	☆	★	4.36	0.62	2.80	1.06	0.08
	4.0	1	266RL-22V501A0403E	☆	★	☆	★	☆	★	☆	★	☆	★	4.35	0.62	2.90	1.16	0.13
27	5.0	1	266RL-27V401A0503E		★		★		★		★		★	3.48	0.50	2.50	1.92	0.13
	4.0	1	266RL-27V381A0402E		★		★		★		★		★	4.03	0.95	2.60	2.41	0.08
	4.0	1	266RL-27V381A0403E		★		★		★		★		★	4.02	0.95	2.70	2.41	0.13
	4.0	1	266RL-27V501A0402E		★		★		★		★		★	4.36	0.62	2.80	1.92	0.08
	4.0	1	266RL-27V501A0403E		★		★		★		★		★	4.35	0.62	2.90	1.92	0.13

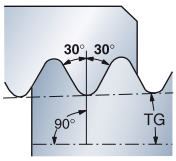
R = Right hand, L = Left hand

C32 C39 C73 C83 H36 H35 H26

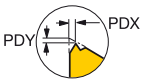
CoroThread® 266 insert for thread turning

API Round 60° Full form

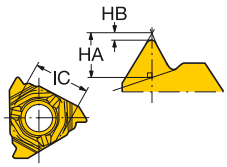




STDNO



API Spec. 5B



External right-hand threads

	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	Dimensions, mm HA	HB	PDX	PDY	TG
16	10.0	1	266RG-16RD01A100E		★		★		★		★		★	1.76	0.36	1.30	1.35	0.03
	10.0	1	266RG-16RD01C100M		★		★		★		★		★	1.76	0.36	1.30	1.35	0.03
	8.0	1	266RG-16RD01A080E		★		★		★		★		★	2.23	0.43	1.50	1.35	0.03
	8.0	1	266RG-16RD01C080M		★		★		★		★		★	2.23	0.43	1.50	1.35	0.03
22	10.0	1	266RG-22RD01A100E	☆	★	☆	★	☆	★	☆	★	☆	★	1.76	0.36	2.00	1.67	0.03
	8.0	1	266RG-22RD01A080E	☆	★	☆	★	☆	★	☆	★	☆	★	2.23	0.43	2.00	1.67	0.03

Internal right-hand threads

	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 HA	HB	PDX	PDY	TG
16	10.0	1	266RL-16RD01A100E		★			★			★			★			★		1.76	0.36	1.30	1.30	0.03
	10.0	1	266RL-16RD01C100M			★			★			★			★			★	1.76	0.36	1.30	1.30	0.03
	8.0	1	266RL-16RD01A080E		★			★			★			★			★		2.24	0.43	1.50	1.30	0.03
	8.0	1	266RL-16RD01C080M			★			★			★			★			★	2.24	0.43	1.50	1.30	0.03
22	10.0	1	266RL-22RD01A100E	☆	★		☆	★		☆	★		☆	★		☆	★		1.76	0.36	2.00	1.64	0.03
	8.0	1	266RL-22RD01A080E	☆	★		☆	★		☆	★		☆	★		☆	★		2.24	0.43	2.00	1.64	0.03

R = Right hand

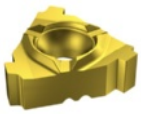
C32 C39 C73 C83 H36 H35 H26

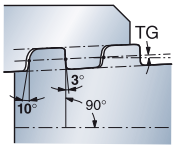
SANDVIK Coromant

ENG

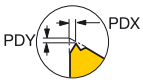
CoroThread® 266 insert for thread turning

API Full form for tubes and casings

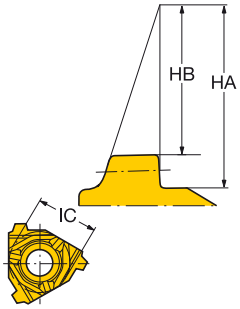




STDNO



API Spec. 5B



External right-hand threads

	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	Dimensions, mm HA	HB	PDX	PDY	TG
22	5.0	1	266RG-22BU01A0501E	☆	★	☆	★	☆	★	☆	★	☆	★	12.06	10.60	2.50	1.97	0.04
	5.0	1	266RG-22BU01A050E	☆	★	☆	★	☆	★	☆	★	☆	★	12.05	10.47	2.50	1.97	0.03

Internal right-hand threads

	TPI	NT	Ordering code	P 1020	P 1125	M 1020	M 1125	K 1020	K 1125	N 1020	N 1125	S 1020	S 1125	Dimensions, mm HA	HB	PDX	PDY	TG
22	5.0	1	266RL-22BU01A0501E	☆	★	☆	★	☆	★	☆	★	☆	★	12.04	10.62	2.21	1.93	0.04
	5.0	1	266RL-22BU01A050E	☆	★	☆	★	☆	★	☆	★	☆	★	12.18	10.60	2.31	1.93	0.03

R = Right hand

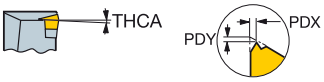
C32 C39 C73 C83 H36 H35 H26

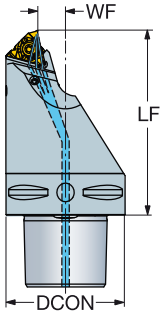
CoroThread® 266 cutting unit for thread turning

Screw clamp design

Coromant Capto® - Precision coolant supply

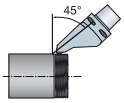








266 R/LG

					Dimensions, mm							
		CZC_{MS}	CNSC	Ordering code	DCON	LF	WF	THCA	BAR	NM	KG	MIID
	16	C6	3	C6-266RS18100-16HP	63	100.0	18.0	1°	80	3.5	1.98	266.RG-16..
	22	C6	3	C6-266RS16100-22HP	63	100.0	16.0	1°	80	5.0	1.94	266.RG-22..

For PDX/PDY values - see insert page.

R = Right hand

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

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			
	CZC_{MS}	Screw	Shim	Shim screw	Nozzle
16	C6	5513 020-13	5322 389-11	5512 032-05	5691 026-13
22	C6	5513 020-26	5322 379-11	5512 032-04	5691 026-13

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

ENG

CoroThread® 266 cutting unit for thread turning

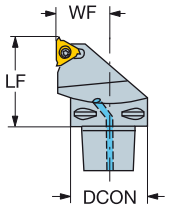
Screw clamp design

Coromant Capto® - Internal coolant supply

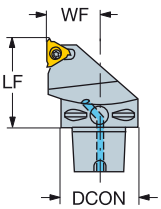




Cx-266R/LFG

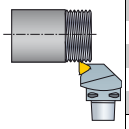


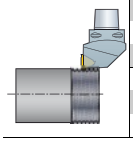
Cx-266R/LFGZ





266 R/LG

					Dimensions, mm							
		CZC_{MS}	CNSC	Ordering code	DCON	LF	WF	THCA	BAR	NM	KG	MIID
	16	C3	3	C3-266R/LFG-22040-16	32	40.0	22.0	1°	10	3.0	0.23	266.LG-16..
		C4	3	C4-266R/LFG-27050-16	40	50.0	27.0	1°	10	3.0	0.46	266.LG-16..
		C5	3	C5-266R/LFG-35060-16	50	60.0	35.0	1°	10	3.0	0.77	266.LG-16..
		C6	3	C6-266R/LFG-45065-16	63	65.0	45.0	1°	10	3.0	1.29	266.LG-16..
		C8	3	C8-266R/LFG-55080-16	80	80.0	55.0	1°	10	3.0	2.51	266.LG-16..
	22	C3	3	C3-266RFG-22040-22	32	40.0	22.0	1°	10	5.0	0.23	266.RG-22..
		C4	3	C4-266R/LFG-27050-22	40	50.0	27.0	1°	10	5.0	0.42	266.LG-22..
		C5	3	C5-266R/LFG-35060-22	50	60.0	35.0	1°	10	5.0	0.77	266.LG-22..
		C6	3	C6-266R/LFG-45065-22	63	65.0	45.0	1°	10	5.0	1.31	266.LG-22..
		C8	3	C8-266R/LFG-55080-22	80	80.0	55.0	1°	10	5.0	2.54	266.LG-22..
	27	C6	3	C6-266R/LFG-45065-27	63	65.0	45.0	1°	10	7.5	1.31	266.LG-27..

					Dimensions, mm							
		CZC_{MS}	CNSC	Ordering code	DCON	LF	WF	THCA	BAR	NM	KG	MIID
	16	C4	3	C4-266RFGZ27050-16	40	50.0	27.0	1°	10	3.0	0.42	266.RG-16..
		C5	3	C5-266RFGZ35060-16	50	60.0	35.0	1°	10	3.0	0.77	266.RG-16..
		C6	3	C6-266RFGZ45065-16	63	65.0	45.0	1°	10	3.0	1.30	266.RG-16..
	22	C4	3	C4-266RFGZ27050-22	40	50.0	27.0	1°	10	5.0	0.42	266.RG-22..
		C5	3	C5-266RFGZ35060-22	50	60.0	35.0	1°	10	5.0	0.77	266.RG-22..
		C6	3	C6-266RFGZ45065-22	63	65.0	45.0	1°	10	5.0	1.32	266.RG-22..

For PDX/PDY values - see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

	Spare parts				
Ordering code	Insert screw	Left hand shim	Right hand shim	Shim screw	Nozzle
C3-266R/LFG-22040-16	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-01
C4-266R/LFG-27050-16	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-01
C4-266RFGZ27050-16	5513 020-13		5322 389-11	5512 032-05	5691 034-01
C5-266R/LFG-35060-16	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-02
C5-266RFGZ35060-16	5513 020-13		5322 389-11	5512 032-05	5691 034-02
C6-266R/LFG-45065-16	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-02
C6-266RFGZ45065-16	5513 020-13		5322 389-11	5512 032-05	5691 034-02
C8-266R/LFG-55080-16	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-03
C3-266R/LFG-22040-22	5513 020-26		5322 379-11	5512 032-04	5691 034-01
C4-266R/LFG-27050-22	5513 020-26	5322 380-11	5322 379-11	5512 032-04	5691 034-01
C4-266R/LFGZ27050-22	5513 020-26		5322 379-11	5512 032-04	5691 034-01
C5-266R/LFG-35060-22	5513 020-26	5322 380-11	5322 379-11	5512 032-04	5691 034-02
C5-266R/LFGZ35060-22	5513 020-26		5322 379-11	5512 032-04	5691 034-02
C6-266R/LFG-45065-22	5513 020-26	5322 380-11	5322 379-11	5512 032-04	5691 034-02
C6-266R/LFGZ45065-22	5513 020-26		5322 379-11	5512 032-04	5691 034-02
C8-266R/LFG-55080-22	5513 020-26	5322 380-11	5322 379-11	5512 032-04	5691 034-03
C6-266R/LFG-45065-27	5513 020-66	5322 388-11	5322 387-11	5512 032-03	5691 034-02

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

C4 F2 E3 G2 H36 H27 H5

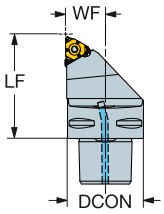
CoroThread® 266 cutting unit for thread turning

Screw clamp design

Coromant Capto® - Internal coolant supply

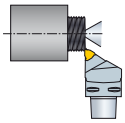


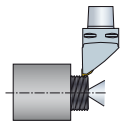






266 R/LG

		CZC_{MS}	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	THCA	BAR	NM	KG	MIID
	16	C3	3	C3-266R/LFA-17039-16	32	39.0	17.0	1°	10	3.0	0.20	266.LG-16..
		C4	3	C4-266R/LFA-21055-16	40	55.0	21.0	1°	10	3.0	0.42	266.LG-16..
		C5	3	C5-266R/LFA-26065-16	50	65.0	26.0	1°	10	3.0	0.76	266.LG-16..
		C6	3	C6-266R/LFA-33075-16	63	75.0	33.0	1°	10	3.0	1.33	266.LG-16..

		CZC_{MS}	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	THCA	BAR	NM	KG	MIID
	16	C3	3	C3-266RFAZ17039-16	32	39.0	17.0	1°	10	3.0	0.21	266.RG-16..
		C4	3	C4-266RFAZ21055-16	40	55.0	21.0	1°	10	3.0	0.42	266.RG-16..
		C5	3	C5-266RFAZ26065-16	50	65.0	26.0	1°	10	3.0	0.76	266.RG-16..
		C6	3	C6-266RFAZ33075-16	63	75.0	33.0	1°	10	3.0	1.34	266.RG-16..

For PDX/PDY values - see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

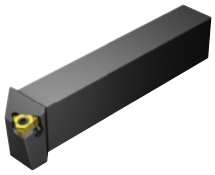
		Spare parts				
CZC_{MS}		Screw	Left hand shim	Right hand shim	Shim screw	Nozzle
16	C3-C4	5513 020-13	5322 392-11	5322 391-11	5512 032-05	5691 034-01
16	C5-C6	5513 020-13	5322 392-11	5322 391-11	5512 032-05	5691 034-02

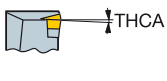
For complete list of spare parts, see www.sandvik.coromant.com

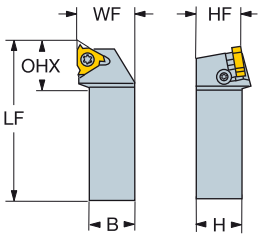
ENG

CoroThread® 266 shank tool for thread turning

Screw clamp design

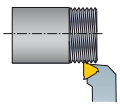








266 R/LG

		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..

For PDX/PDY values - see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

		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

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

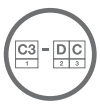

C4


F2


E3



H36

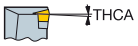


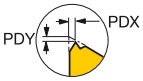
H26

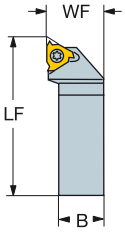
CoroThread® 266 shank tool for thread turning

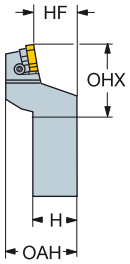
Screw clamp design





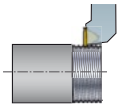








266 R/LG

		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..

Z = For upside down mounting

R = Right hand, L = Left hand

For PDX/PDY values - see insert page.

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

		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

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


C4


F2


E3



H36



H26

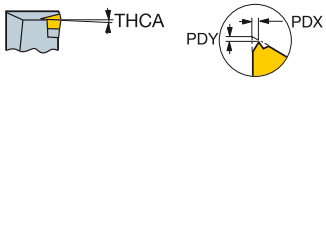
SANDVIK Coromant

ENG

CoroThread® 266 shank tool for thread turning

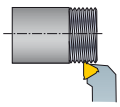
Screw clamp design







266 R/LG

						Dimensions, mm								
		CZC_{MS}	OHX	DSGN	Ordering code	B	H	LF	WF	HF	THCA	NM	KG	MIID
	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..

For threading near a tail stock

For PDX/PDY values - see insert page.

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

R = Right hand, L = Left hand

		Spare parts			
	CZC_{MS}	Screw	Left hand shim	Right hand shim	Shim screw
16	12 x 12-25 x 25	5513 020-13	5322 392-11	5322 391-11	5512 032-05

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

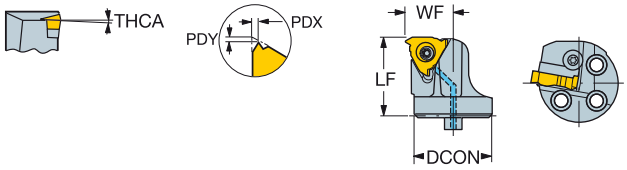
C4 F2 E3 H36 H26

CoroThread® 266 head for thread turning

Screw clamp design

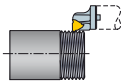
CoroTurn® SL - Internal coolant supply







266 R/LG

		CZC_{MS}	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	THCA	BAR	NM	KG	MIID
	16	20	0	**SL-266R/LFG-202514-16**	20	25.0	14.0	1°		3.0	0.06	266.LG-16..
		25	1	**SL-266R/LFG-252517-16**	25	25.0	17.0	1°	10	3.0	0.08	266.LG-16..
		32	1	**SL-266R/LFG-323222-16**	32	32.0	22.0	1°	10	3.0	0.14	266.LG-16..
		40	1	**SL-266R/LFG-403227-16**	40	32.0	27.0	1°	10	3.0	0.21	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 C77

Angle of inclination (THCA) with different shims, see page C75

		Spare parts			
	CZC_{MS}	Insert screw	Left hand shim	Right hand shim	Shim screw
16	20	5513 020-02			
16	25-40	5513 020-13	5322 390-11	5322 389-11	5512 032-05

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

C4 F2 H36 H26 H5 H2

SANDVIK Coromant

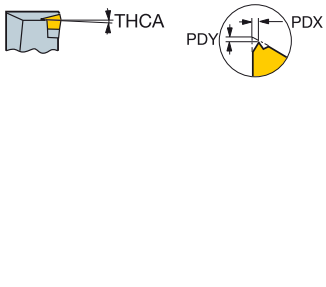
ENG

CoroThread® 266 cutting unit for thread turning

Screw clamp design

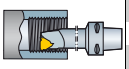
Coromant Capto® - Internal coolant supply







266 R/LL

							Dimensions, mm								
		CZC$_{MS}$	DMIN$_1$	LU	CNSC	Ordering code	DCON	BD$_1$	LF	WF	THCA	BAR	NM	KG	MIID
	16	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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..
	22	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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..
		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..

For PDX/PDY values - see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

	Spare parts				
Ordering code	Insert screw	Left hand shim	Right hand shim	Shim screw	Nozzle
C3, C4 -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
C4-266RKF-22090-16	5513 020-13		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
C5-266R/LKF-12060-16	5513 020-02				5691 034-02
C5, C6 -266R/LKF-14060-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5, C6 -266R/LKF-17070-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5, C6 -266R/LKF-22090-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5, 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-15065-22	5513 020-07				5691 034-02
C5, C6 -266R/LKF-27105-22	5513 020-26	5322 379-11	5322 380-11	5512 032-04	5691 034-02
C5, C6 -266RKF-19070-22	5513 020-26		5322 380-11	5512 032-04	5691 034-02
C5, C6 -266RKF-22090-22	5513 020-26		5322 380-11	5512 032-04	5691 034-02

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


C4


F2


E3


G2



H36



H27



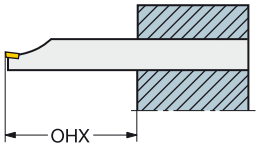
H5

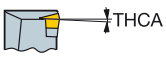
CoroThread® 266 boring bar for thread turning

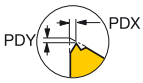
Screw clamp design

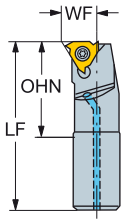
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

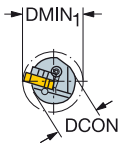






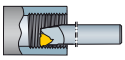








266 R/LL

		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..

E = Carbide reinforced boring bar

R = Right hand, L = Left hand

For PDX/PDY values - see insert page.

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

	Spare parts			
CZC$_{MS}$	Screw	Left hand shim	Right hand shim	Shim screw
16	16	5513 020-02		
16	20-25	5513 020-13	5322 389-11	5322 390-11	5512 032-05
22	20	5513 020-07		
22	25	5513 020-26	5322 379-11	5322 380-11	5512 032-04

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

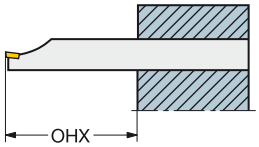
ENG

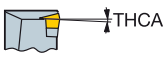
CoroThread® 266 boring bar for thread turning

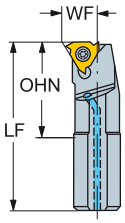
Screw clamp design

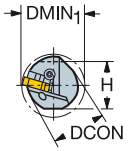
Cylindrical with flats - Internal coolant supply





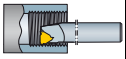








266 R/LL

		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 C77

Angle of inclination (THCA) with different shims, see page C75

		Spare parts			
	CZC$_{MS}$	Screw	Left hand shim	Right hand shim	Shim screw
16	16	5513 020-02			
16	20-50	5513 020-13	5322 389-11	5322 390-11	5512 032-05
22	20	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 complete list of spare parts, see www.sandvik.coromant.com


C4


F2


E3



H36



H27

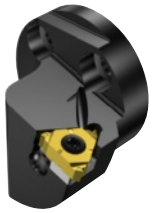


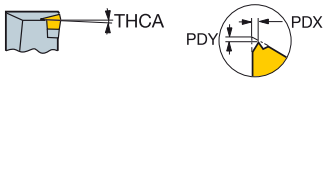
H5

CoroThread® 266 head for thread turning

Screw clamp design

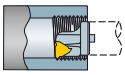
CoroTurn® SL - Internal coolant supply







266 R/LL

		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	THCA	BAR	NM	KG	MIID
	16	20	25.0	1	SL-266R/LKF-202514-16	20	25.0	14.0	1°	10	3.0	0.06	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..
		32	40.0	1	SL-266R/LKF-323222-16	32	32.0	22.0	1°	10	3.0	0.16	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..
	22	25	32.0	1	SL-266R/LKF-252819-22	25	28.0	19.0	1°	10	5.0	0.09	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..
		40	50.0	1	SL-266R/LKF-403227-22	40	32.0	26.9	1°	10	5.0	0.20	266.LL-22..
	27	40	50.0	1	SL-266R/LKF-403627-27	40	36.0	26.9	1°	10	7.5	0.23	266.LL-27..

For PDX/PDY values - see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

		Spare parts			
	CZC_{MS}	Screw	Left hand shim	Right hand shim	Shim screw
16	20	5513 020-02			
16	25-40	5513 020-13	5322 389-11	5322 390-11	5512 032-05
22	25	5513 020-07			
22	32-40	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 complete list of spare parts, see www.sandvik.coromant.com

C4 F2 H36 H27 H5 H2

SANDVIK Coromant

ENG

CoroThread® 266 head for thread turning

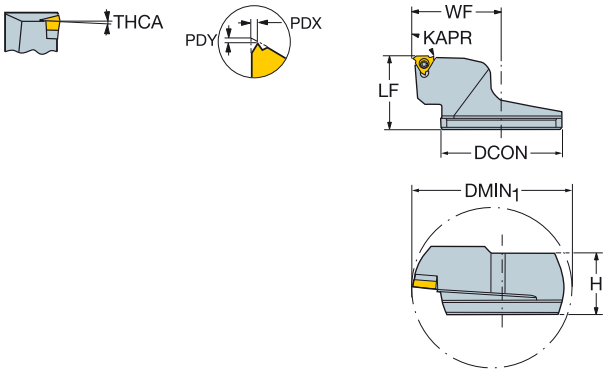
Screw clamp design

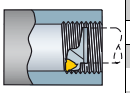
CoroTurn® SL quick change





266 R/LL



		CZC$_{MS}$	DMIN$_1$	Ordering code	Dimensions, mm DCON	H	LF	WF	THCA	NM	KG	MIID
	16	80	100.0	SL-266RKF-80-16-QC	80	37.5	45.0	58.5	1°	3.0	0.58	266.RL-16..
	22	80	100.0	SL-266RKF-80-22-QC	80	37.5	45.0	58.5	1°	5.0	0.56	266.RL-22..
	27	80	100.0	SL-266RKF-80-27-QC	80	37.5	45.0	58.5	1°	7.5	0.55	266.RL-27..

For PDX/PDY values - see insert page.

R = Right hand

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

		Spare parts		
	CZC$_{MS}$	Screw	Right hand shim	Shim screw
16	80	5513 020-13	5322 390-11	5512 032-05
22	80	5513 020-26	5322 380-11	5512 032-04
27	80	5513 020-66	5322 388-11	5512 032-03

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

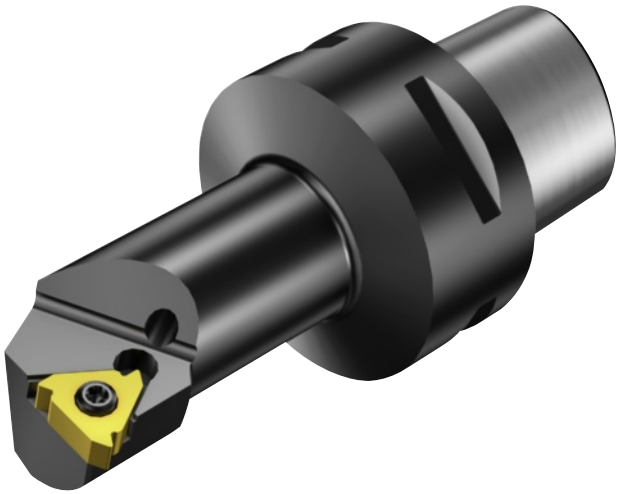
C4 F2 H36 H27 H2

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 internal threading applications in two different geometries: all-round and sharp.

Right hand style shown unless otherwise stated

www.sandvik.coromant.com/tmaxulock

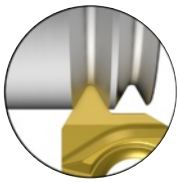
Inserts

- Metric 60°
- UN 60°
- WhithWorth 55°
- NPT 60



Inserts

- V-profile 60° and 55°

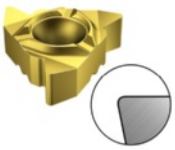


Tools

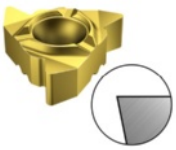
- Coromant Capto® cutting units
- Boring bars
- CoroTurn® SL heads



- Insert geometries and grades for all materials
- Tailor Made inserts for almost any thread form or pitch

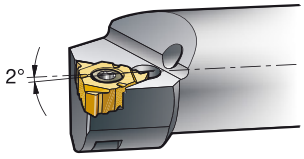


Standard geometry



Sharp F-geometry

The tool holders for inserts with size 11 are made for a 2° inclination angle and no shim



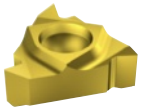
C45 C51 H35

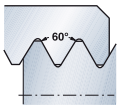
SANDVIK Coromant

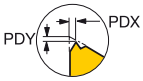
ENG

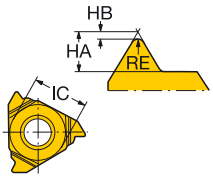
T-Max® U-Lock insert for thread turning

V-profile 60° Non-topping









Internal right-hand threads

	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 RE	HA	HB	PDX	PDY
11	1.0	2.0	12.0	24.0	1	R166.0L-11VM01-001	★	☆	★	☆	★	☆	★	☆	★	☆	☆	0.06	1.45	0.06	0.90	0.68
	1.0	2.0	12.0	24.0	1	R166.0L-11VM01C001	★		★		★		★		★		☆	0.06	1.45	0.06	0.90	0.68

Internal left-hand threads

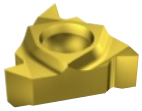
	TPN	TPX	TPIN	TPIX	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	Dimensions, mm RE	HA	HB	PDX	PDY
11	1.0	2.0	12.0	24.0	1	L166.0L-11VM01-001	★	★	★	★	★	0.06	1.45	0.06	0.90	0.06

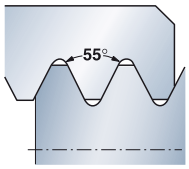
R = Right hand, L = Left hand

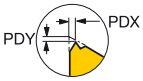
C51 C73 C83 H36 H35

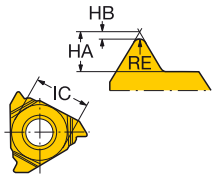
T-Max® U-Lock insert for thread turning

V-profile 55° Non-topping









Internal right-hand threads

					P		M		K		N		S		O	Dimensions, mm				
	TPIN	TPIX	NT	Ordering code	1020	4125	1020	4125	1020	4125	1020	4125	1020	4125	1020	RE	HA	HB	PDX	PDY
11	14.0	28.0	1	R166.0L-11VW01-001	★	☆	★	☆	★	☆	★	☆	★	☆	☆	0.11	1.60	0.12	0.95	0.68

Internal left-hand threads

					P	M	K	N	S	Dimensions, mm				
	TPIN	TPIX	NT	Ordering code	1020	1020	1020	1020	1020	RE	HA	HB	PDX	PDY
11	14.0	28.0	1	L166.0L-11VW01-001	★	★	★	★	★	0.11	1.60	0.12	0.95	0.12

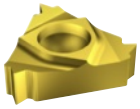
R = Right hand, L = Left hand

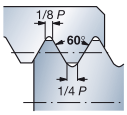
C51 C73 C83 H36 H35

ENG

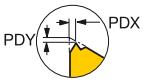
T-Max® U-Lock insert for thread turning

Metric 60° Full form

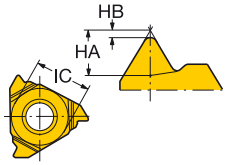




STDNO
TCTR



ISO 965-1998
6



Internal right-hand threads

	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 HA	HB	PDX	PDY
11	0.50	1	R166.0L-11MM01-050	★		★		★		★		★		0.32	0.03	0.50	0.68
	0.75	1	R166.0L-11MM01-075	★		★		★		★		★		0.47	0.04	0.60	0.68
	1.00	1	R166.0L-11MM01-100	★	☆	★	☆	★	☆	★	☆	★	☆	0.64	0.06	0.80	0.68
	1.25	1	R166.0L-11MM01-125	★		★		★		★		★		0.79	0.07	0.80	0.68
	1.50	1	R166.0L-11MM01-150	★	☆	★	☆	★	☆	★	☆	★	☆	0.96	0.09	1.10	0.68
	1.75	1	R166.0L-11MM01-175	★		★		★		★		★		1.11	0.11	1.05	0.68
	2.00	1	R166.0L-11MM01-200	★	☆	★	☆	★	☆	★	☆	★	☆	1.27	0.12	0.92	0.58

Internal left-hand threads

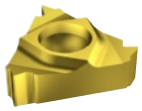
	TP	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	Dimensions, mm HA	HB	PDX	PDY
11	0.50	1	L166.0L-11MM01-050	★	★	★	★	★	0.32	0.03	0.50	0.68
	0.75	1	L166.0L-11MM01-075	★	★	★	★	★	0.47	0.04	0.60	0.68
	1.00	1	L166.0L-11MM01-100	★	★	★	★	★	0.64	0.06	0.85	0.68
	1.25	1	L166.0L-11MM01-125	★	★	★	★	★	0.79	0.07	0.90	0.68
	1.50	1	L166.0L-11MM01-150	★	★	★	★	★	0.96	0.09	1.00	0.68
	1.75	1	L166.0L-11MM01-175	★	★	★	★	★	1.11	0.11	1.05	0.68
	2.00	1	L166.0L-11MM01-200	★	★	★	★	★	1.27	0.12	0.92	0.58

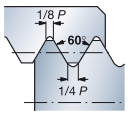
R = Right hand, L = Left hand

C51 C73 C83 H36 H35

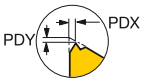
T-Max® U-Lock insert for thread turning

UN 60° Full form

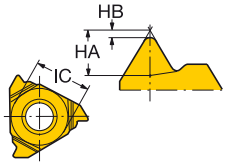




STDNO
TCTR



ISO 5864-1978
2B



Internal right-hand threads

	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	Dimensions, mm HA	HB	PDX	PDY
11	32.0	1	R166.0L-11UN01-320	★	★	★	★	★	0.50	0.04	0.60	0.68
	28.0	1	R166.0L-11UN01-280	★	★	★	★	★	0.58	0.05	0.80	0.68
	24.0	1	R166.0L-11UN01-240	★	★	★	★	★	0.67	0.06	0.85	0.68
	20.0	1	R166.0L-11UN01-200	★	★	★	★	★	0.80	0.07	0.90	0.68
	18.0	1	R166.0L-11UN01-180	★	★	★	★	★	0.89	0.08	1.00	0.68
	16.0	1	R166.0L-11UN01-160	★	★	★	★	★	1.00	0.09	1.00	0.68
	14.0	1	R166.0L-11UN01-140	★	★	★	★	★	1.13	0.11	1.05	0.68

Internal left-hand threads

	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	Dimensions, mm HA	HB	PDX	PDY
11	32.0	1	L166.0L-11UN01-320	★	★	★	★	★	0.50	0.04	0.60	0.68
	28.0	1	L166.0L-11UN01-280	★	★	★	★	★	0.58	0.05	0.80	0.68
	24.0	1	L166.0L-11UN01-240	★	★	★	★	★	0.67	0.06	0.85	0.68
	20.0	1	L166.0L-11UN01-200	★	★	★	★	★	0.80	0.07	0.90	0.68
	18.0	1	L166.0L-11UN01-180	★	★	★	★	★	0.89	0.08	1.00	0.68
	16.0	1	L166.0L-11UN01-160	★	★	★	★	★	1.00	0.09	1.00	0.68
	14.0	1	L166.0L-11UN01-140	★	★	★	★	★	1.13	0.11	1.05	0.68

R = Right hand, L = Left hand

C51 C73 C83 H36 H35

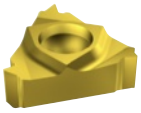
SANDVIK Coromant

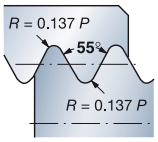
ENG

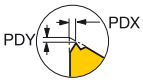
T-Max® U-Lock insert for thread turning

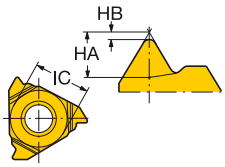
Whitworth 55° (BSW, BSF, BSP) Full form

STDNO	ISO 228-1982
STDNO	BS 2779-1973
STDNO	BS-84-1956
TCTR	A









Internal right-hand threads

	TPI	NT	Ordering code	P 1020	P 4125	M 1020	M 4125	K 1020	K 4125	N 1020	N 4125	S 1020	S 4125	HA	HB	PDX	PDY
11	20.0	1	R166.0L-11WH01-200	★		★		★		★		★		0.99	0.17	0.90	0.68
	19.0	1	R166.0L-11WH01-190	★	☆	★	☆	★	☆	★	☆	★	☆	1.05	0.18	0.90	0.68
	14.0	1	R166.0L-11WH01-140	★	☆	★	☆	★	☆	★	☆	★	☆	1.43	0.25	1.05	0.68

Internal left-hand threads

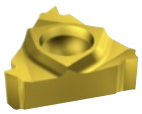
	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	HA	HB	PDX	PDY
11	20.0	1	L166.0L-11WH01-200	★	★	★	★	★	0.99	0.17	0.90	0.68
	19.0	1	L166.0L-11WH01-190	★	★	★	★	★	1.05	0.18	0.90	0.68
	14.0	1	L166.0L-11WH01-140	★	★	★	★	★	1.43	0.25	1.05	0.68

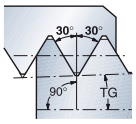
R = Right hand, L = Left hand

C51 C73 C83 H36 H35

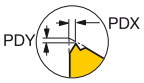
T-Max® U-Lock insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

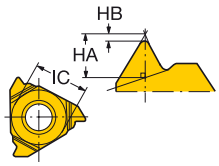




STDNO



ANSI B.1.20.1-1983



Internal right-hand threads

	TPI	NT	Ordering code	P 1020	M 1020	K 1020	N 1020	S 1020	Dimensions, mm HA	HB	PDX	PDY	TG
11	18.0	1	R166.0L-11NT01F180	★	★	★	★	★	1.14	0.08	0.85	0.67	0.06
	14.0	1	R166.0L-11NT01F140	★	★	★	★	★	1.46	0.09	0.95	0.67	0.06

The insert can give a slightly bigger truncation for LINE PIPE 14 t.p.i.

R = Right hand

C51 C73 C83 H36 H35

SANDVIK Coromant

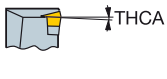
ENG

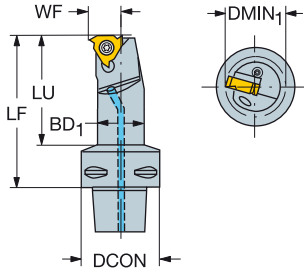
T-Max® U-Lock cutting unit for thread turning

Screw clamp design

Coromant Capto® - Internal coolant supply



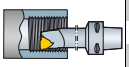
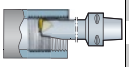






166.0L



		CZC$_{MS}$	DMIN$_1$	LU	CNSC	Ordering code	Dimensions, mm DCON	BD$_1$	LF	WF	THCA	BAR	NM	KG	MIID
	11	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..
		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..
	11	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..
		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..

For PDX/PDY values - see insert page.

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

Z = For upside down mounting

R = Right hand, L = Left hand

Spare parts
Insert screw
5513 020-03

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

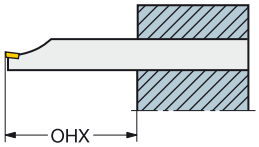
C4 F2 E3 G2 H36 H5

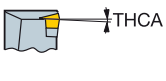
T-Max® U-Lock solid carbide boring bar for thread turning

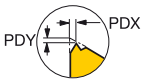
Screw clamp design

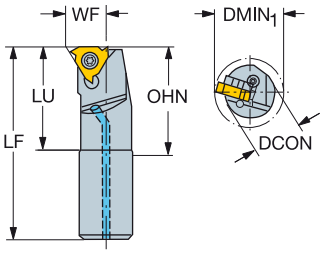
Cylindrical with flats - Internal coolant supply





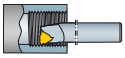








166.0L

		CZC$_{MS}$	DMIN$_1$	LU	OHX	OHN	CNSC	Ordering code	Dimensions, mm 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..

For PDX/PDY values - see insert page.

R = Right hand

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

Spare parts
Insert screw
5513 020-03

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

C4 F2 G2 H36 H5

SANDVIK Coromant

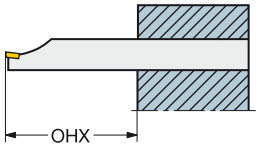
ENG

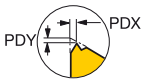
T-Max® U-Lock solid carbide boring bar for thread turning

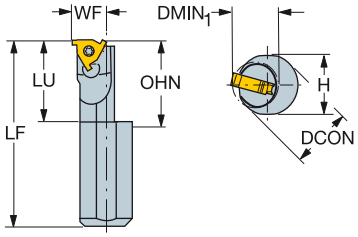
Screw clamp design

Cylindrical with flats



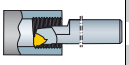








166.0L

		CZC$_{MS}$	DMIN$_1$	LU	OHX	OHN	Ordering code	Dimensions, mm DCON	H	BD$_1$	LF	WF	THCA	NM	KG	MIID
	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..

For PDX/PDY values - see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

Spare parts	
Insert screw	
5513 020-03	

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


C4


F2


G2

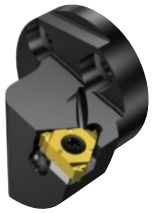


H36

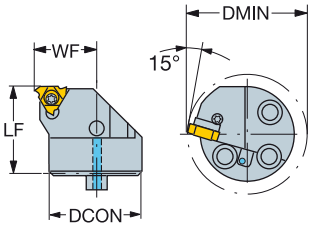
T-Max® U-Lock head for thread turning

Screw clamp design

CoroTurn® SL - Internal coolant supply

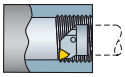








166.0L

						Dimensions, mm							
		CZC_{MS}	$DMIN_1$	CNSC	Ordering code	DCON	LF	WF	THCA	BAR	NM	KG	MIID
	11	16	20.0	1	R/L566.0KFC-162012-11	16	20.0	12.0	1°	10	0.9	0.03	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..

For PDX/PDY values - see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C77

Angle of inclination (THCA) with different shims, see page C75

Spare parts	
Insert screw	
5513 020-03	

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

C4 F2 H36 H5 H2

SANDVIK Coromant

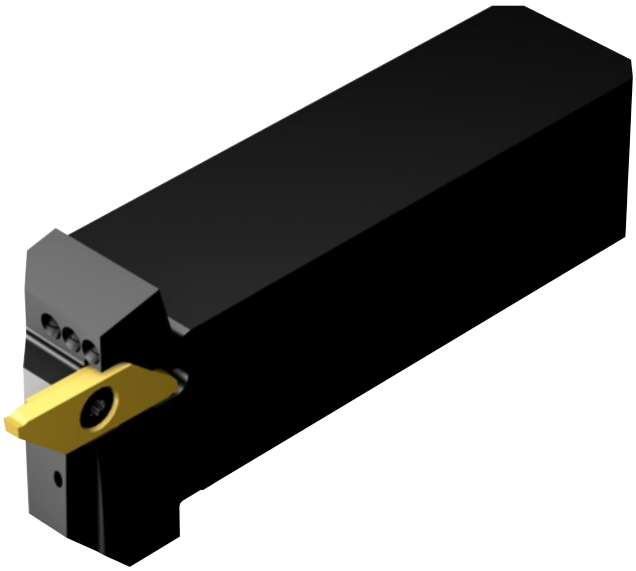
ENG

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

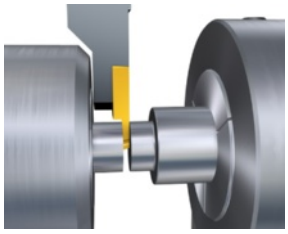
Benefits and features

- 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 maintain 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
A261	A261	B81	B101	B105	C56

Tools

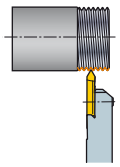
QS™ shank tools	CoroTurn® SL cutting heads
B83	B84

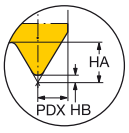
Right hand style shown unless otherwise stated

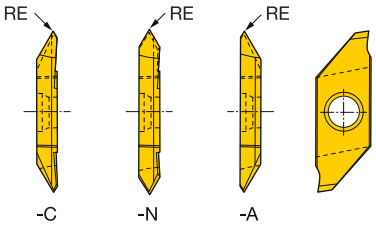
CoroCut® XS insert for thread turning

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 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
	0.4	1.0	24.0	72.0	1	MATR 3 60-C	★	☆	☆	★	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	0.05	0.75	0.05	0.60
	0.4	2.0	12.0	72.0	1	MATR 3 60-N	★	☆	☆	★	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	0.05	1.50	0.05	1.59

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 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
	0.4	1.0	24.0	72.0	1	MATL 3 60-C	★	☆	☆	★	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	0.05	0.75	0.05	0.60
	0.4	2.0	12.0	72.0	1	MATL 3 60-N	★	☆	☆	★	☆	★	☆	★	☆	☆	★	☆	☆	★	☆	0.05	1.50	0.05	1.59

SSC = To correspond with SSC on tool.

R = Right hand, L = Left hand

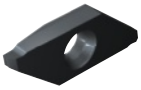
B83 B120 C83 H36 H24

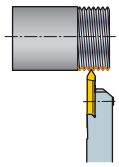
SANDVIK Coromant

ENG

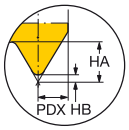
CoroCut® XS insert for thread turning

Metric 60° fullform

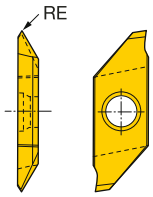




STDNO
TCTR



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 RE	HA	HB	PDX
3	0.20	1	MATR 3-MM01F-020-A	★	★	★	★	★	★	0.03	0.14	0.02	0.23
	0.25	1	MATR 3-MM01F-025-A	★	★	★	★	★	★	0.04	0.18	0.03	0.28
	0.30	1	MATR 3-MM01F-030-A	★	★	★	★	★	★	0.04	0.22	0.03	0.28
	0.35	1	MATR 3-MM01F-035-A	★	★	★	★	★	★	0.05	0.25	0.04	0.32
	0.40	1	MATR 3-MM01F-040-A	★	★	★	★	★	★	0.06	0.29	0.04	0.38
	0.45	1	MATR 3-MM01F-045-A	★	★	★	★	★	★	0.06	0.32	0.05	0.38
	0.50	1	MATR 3-MM01F-050-A	★	★	★	★	★	★	0.07	0.36	0.05	0.48
	0.70	1	MATR 3-MM01F-070-A	★	★	★	★	★	★	0.10	0.51	0.08	0.38
	0.75	1	MATR 3-MM01F-075-A	★	★	★	★	★	★	0.11	0.54	0.08	0.38
	0.80	1	MATR 3-MM01F-080-A	★	★	★	★	★	★	0.11	0.58	0.09	0.38
	1.00	1	MATR 3-MM01F-100-A	★	★	★	★	★	★	0.12	0.72	0.11	0.38
	1.25	1	MATR 3-MM01F-125-A	★	★	★	★	★	★	0.15	0.90	0.14	0.38
	1.50	1	MATR 3-MM01F-150-A	★	★	★	★	★	★	0.22	1.08	0.16	0.38

External left-hand threads

SSC	TP	NT	Ordering code	P 1105	M 1105	K 1105	N 1105	S 1105	O 1105	Dimensions, mm RE	HA	HB	PDX
3	0.40	1	MATL 3-MM01F-040-A	★	★	★	★	★	★	0.06	0.29	0.04	0.38
	0.50	1	MATL 3-MM01F-050-A	★	★	★	★	★	★	0.07	0.36	0.05	0.38
	0.70	1	MATL 3-MM01F-070-A	★	★	★	★	★	★	0.10	0.51	0.08	0.38
	0.75	1	MATL 3-MM01F-075-A	★	★	★	★	★	★	0.11	0.54	0.08	0.38
	0.80	1	MATL 3-MM01F-080-A	★	★	★	★	★	★	0.11	0.58	0.09	0.38
	1.00	1	MATL 3-MM01F-100-A	★	★	★	★	★	★	0.12	0.72	0.11	0.38
	1.25	1	MATL 3-MM01F-125-A	★	★	★	★	★	★	0.15	0.90	0.14	0.38
	1.50	1	MATL 3-MM01F-150-A	★	★	★	★	★	★	0.22	1.08	0.16	0.38

SSC = To correspond with SSC on tool.

R = Right hand, L = Left hand

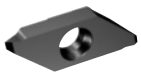
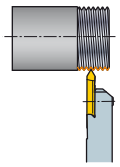
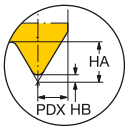
B83 B120 C83 H36 H24

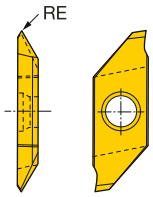
CoroCut® XS insert for thread turning

UN 60° Full form

STDNO
TCTR

ISO 5864-1978
2A



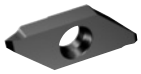
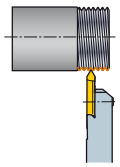
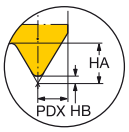
External right-hand threads

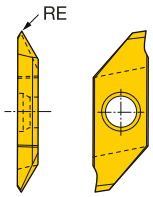
SSC	TPI	NT	Ordering code	P 1105	M 1105	K 1105	N 1105	S 1105	O 1105	Dimensions, mm RE	HA	HB	PDX
3	80.0	1	MATR 3-UN01F-800-A	★	★	★	★	★	★	0.04	0.22	0.04	0.38
	72.0	1	MATR 3-UN01F-720-A	★	★	★	★	★	★	0.05	0.27	0.05	0.38
	64.0	1	MATR 3-UN01F-640-A	★	★	★	★	★	★	0.06	0.31	0.06	0.38
	56.0	1	MATR 3-UN01F-560-A	★	★	★	★	★	★	0.06	0.35	0.06	0.38
	48.0	1	MATR 3-UN01F-480-A	★	★	★	★	★	★	0.07	0.38	0.07	0.38
	40.0	1	MATR 3-UN01F-400-A	★	★	★	★	★	★	0.09	0.51	0.09	0.38
	32.0	1	MATR 3-UN01F-320-A	★	★	★	★	★	★	0.10	0.59	0.10	0.38

Whitworth 55° (BSW, BSF, BSP) Full form

STDNO
STDNO
STDNO
TCTR

ISO 228-1982
BS-2779-1973
BS 84-1955
A



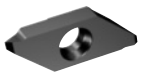
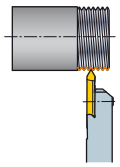
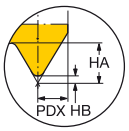
External right-hand threads

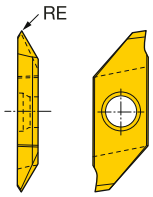
SSC	TPI	NT	Ordering code	P 1105	M 1105	K 1105	N 1105	S 1105	O 1105	Dimensions, mm RE	HA	HB	PDX
3	28.0	1	MATR 3-WH01F-280-A	★	★	★	★	★	★	0.13	0.72	0.13	0.38
	19.0	1	MATR 3-WH01F-190-A	★	★	★	★	★	★	0.19	1.06	0.19	0.38

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 RE	HA	HB	PDX
3	27.0	1	MATR 3-NT01F-270-A	★	★	★	★	★	★	0.05	0.76	0.05	0.38
	18.0	1	MATR 3-NT01F-180-A	★	★	★	★	★	★	0.08	1.14	0.08	0.38
	14.0	1	MATR 3-NT01F-140-A	★	★	★	★	★	★	0.09	1.46	0.09	0.38

SSC = To correspond with SSC on tool.

R = Right hand

B83 B120 C83 H36 H24

SANDVIK Coromant

CoroTurn® XS

Internal turning, face grooving and threading of small components

Application

- Internal turning
- Copying
- Backboring
- Profiling
- Grooving
- Face grooving
- Pre-parting
- Threading



ISO application area:

P M N S H

Benefits and features

- Optimized for machining of 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 adaptors
- Clamping nut ensures easy change of cutting tool with cylindrical carbide shank adaptors

www.sandvik.coromant.com/coroturnxs

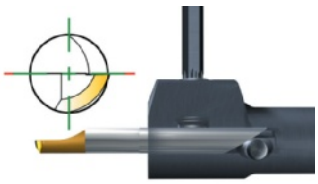
Internal coolant

- The adaptors 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
						
A254	A259	B100	B101	B104	B105	C60

Adaptors

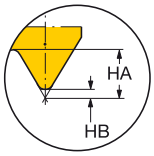
Coromant Capto®	Rectangular shank	Cylindrical shank with flat
		
F21	F30	F37

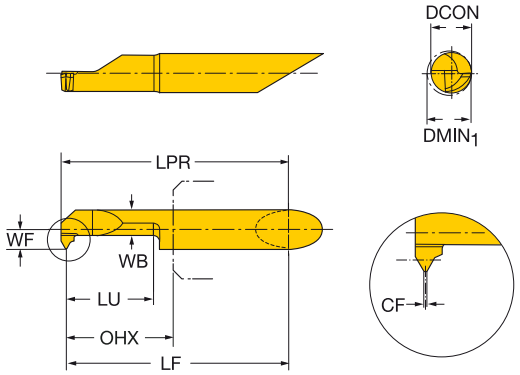
Right hand style shown unless otherwise stated

CoroTurn® XS solid carbide tool for thread turning

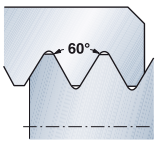
V-profile 60° Non-topping



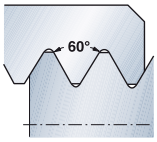




Internal right-hand threads

	CZC_{MS}	TPN	TPX	TPIN	TPIX	$DMIN_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	Dimensions, mm 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
	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
	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
	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
	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
	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
	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

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 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
	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
	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
	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
	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

CZC_{MS} to correspond with CZC_{WS} on adaptor.

R = Right hand, L = Left hand

F2 B119 C83 H36 H22

SANDVIK Coromant

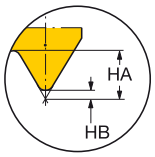
ENG

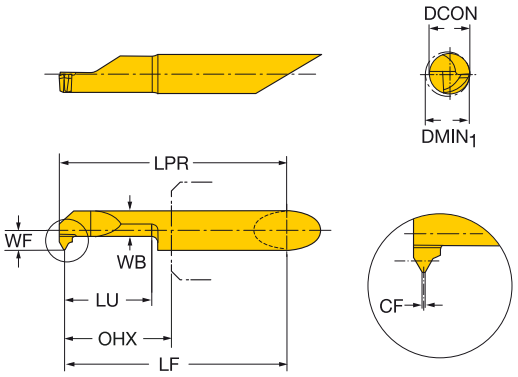
CoroTurn® XS solid carbide tool for thread turning

Metric 60° Full form

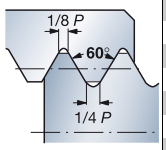
TCTR 6
STDNO ISO 956-1998







Internal right-hand threads



	CZC_{MS}	TP	$DMIN_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm DCON	WB	CF	LPR	LF	WF	HA	HB
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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

CZC_{MS} to correspond with CZC_{WS} on adaptor.

R = Right hand

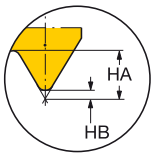
F2 B119 C83 H36 H22

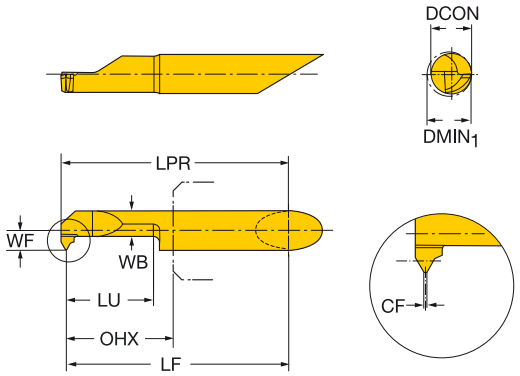
CoroTurn® XS solid carbide tool for thread turning

UN 60° Full form

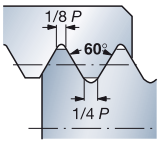
TCTR 2B
STDNO ISO 5864-1978







Internal right-hand threads



CZC_{MS}	TPI	$DMIN_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
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
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
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
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
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

CZC_{MS} to correspond with CZC_{WS} on adaptor.

R = Right hand

F2 B119 C83 H36 H22

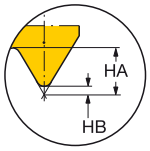
ENG

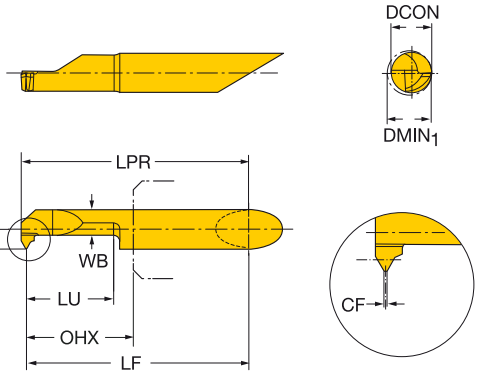
CoroTurn® XS solid carbide tool for thread turning

Whitworth 55° (BSW, BSF, BSP) Full form

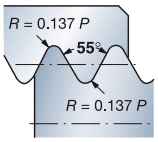
TCTR	A
STDNO	ISO 228-1982
STDNO	BS 2779-1973
STDNO	BS 84-1956





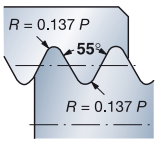


Internal right-hand threads



CZC$_{MS}$	TPI	DMIN$_1$	LU	RE	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
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
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
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
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
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
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

Internal left-hand threads



CZC$_{MS}$	TPI	DMIN$_1$	LU	RE	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

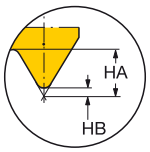
F2 B119 C83 H36 H22

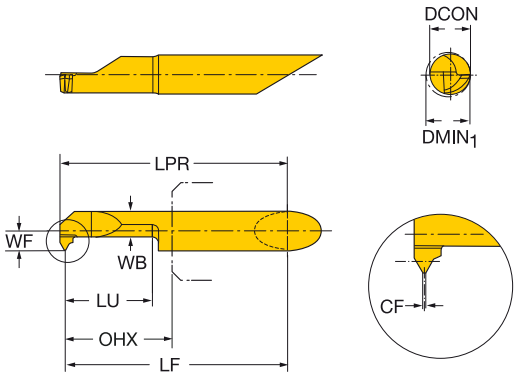
CoroTurn® XS solid carbide tool for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

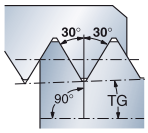
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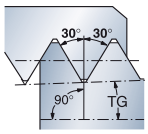




Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	LU	RE	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
	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

Internal left-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	LU	RE	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

F2 B119 C83 H36 H22

SANDVIK Coromant

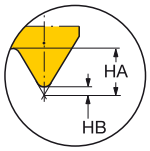
ENG

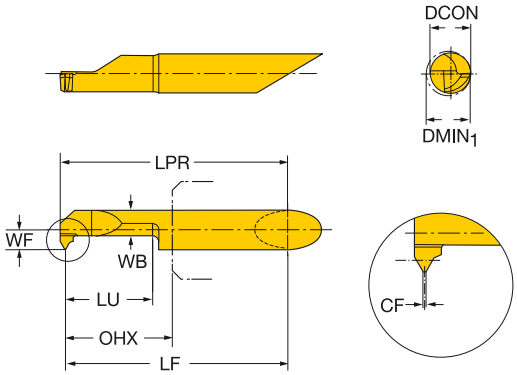
CoroTurn® XS solid carbide tool for thread turning

ISO Trapezoidal 30° Chamfered crest form

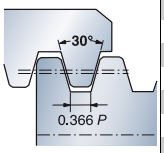
TCTR 7
STDNO ISO 2901-2904
STDNO DIN 103-1977







Internal right-hand threads

	CZC_{MS}	TP	$DMIN_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
	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
	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

CZC_{MS} to correspond with CZC_{WS} on adaptor.

R = Right hand

F2 B119 C83 H36 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 N S H O

Benefits and features

- Vibration free machining
- Fast set up 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 centre height.

CoroCut® MB boring bars

For stability and accessibility the bars are designed with an eccentric head with oval cross section.

Adaptors

- Coromant Capto® to CoroTurn® XS adaptor
See page F21
- Rectangular shank to CoroTurn® XS adaptor
See page F30
- Cylindrical shank with flat to CoroTurn® XS adaptor
See page F37

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					
Page	B107	B108	B111	Web	Web	Web	Web	C67

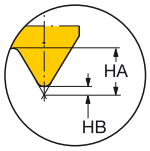
Right hand style shown unless otherwise stated

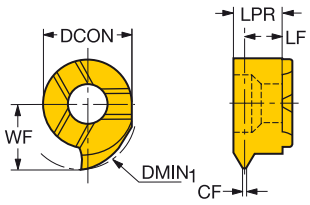
ENG

CoroCut® MB solid carbide head for thread turning

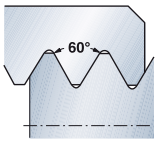
V-profile 60° Non-topping



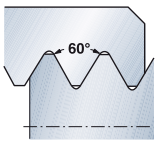




Internal right-hand threads

	CZC_{MS}	TPN	TPX	TPIN	TPIX	$DMIN_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm DCON	CF	LPR	LF	WF	HA	HB
	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
	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
	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
	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
	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

Internal left-hand threads

	CZC_{MS}	TPN	TPX	TPIN	TPIX	$DMIN_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm DCON	CF	LPR	LF	WF	HA	HB
	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
	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
	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
	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
	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

CZC_{MS} to correspond with CZC_{WS} on adaptor.

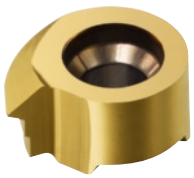
R = Right hand, L = Left hand

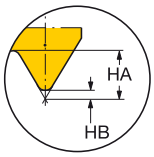
F2 B118 C83 H36 H25

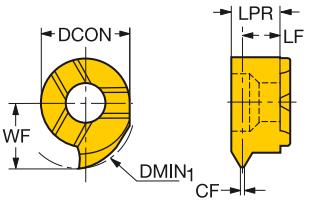
CoroCut® MB solid carbide head for thread turning

Metric 60° Full form

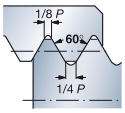
TCTR 6
STDNO ISO 956-1998



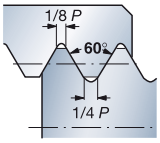




Internal right-hand threads

	CZC_{MS}	$DMIN_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	Dimensions, mm DCON	LPR	LF	WF
	07	10.0	MB-07TH050MM-10R	★	★	★	★		7	3.8	3.4	5.8
	07	10.0	MB-07TH100MM-10R	★	★	★	★	★	7	3.8	3.2	5.8
	07	10.0	MB-07TH150MM-10R	★	★	★	★	★	7	3.8	3.0	5.8
	07	10.0	MB-07TH175MM-10R	★	★	★	★		7	3.8	2.9	5.8
	07	10.0	MB-07TH200MM-10R	★	★	★	★		7	3.8	2.8	5.8
	07	10.0	MB-07TH250MM-10R	★	★	★	★		7	3.8	2.6	5.8

Internal left-hand threads

	CZC_{MS}	TP	$DMIN_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
	07	1.0	10.0	MB-07TH100MM-10L	★	★	★	★	7	0.1	3.8	3.2	5.8	0.9	0.1
	07	1.5	10.0	MB-07TH150MM-10L	★	★	★	★	7	0.2	3.8	3.0	5.8	1.4	0.2
	07	1.8	10.0	MB-07TH175MM-10L	★	★	★	★	7	0.2	3.8	2.9	5.8	1.1	0.2
	07	2.0	10.0	MB-07TH200MM-10L	★	★	★	★	7	0.3	3.8	2.8	5.8	1.3	0.2
	07	2.5	10.0	MB-07TH250MM-10L	★	★	★	★	7	0.3	3.8	2.6	5.8	1.6	0.3

CZC_{MS} to correspond with CZC_{WS} on adaptor.

R = Right hand, L = Left hand

F2 B118 C83 H36 H25

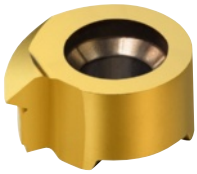
SANDVIK Coromant

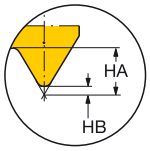
ENG

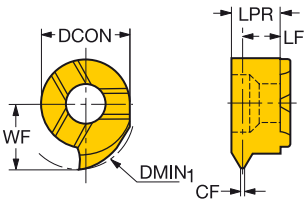
CoroCut® MB solid carbide head for thread turning

UN 60° Full form

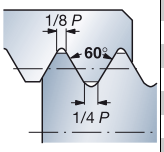
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STDNO ISO 5864-1978



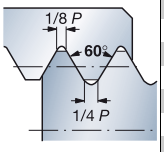




Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
	07	28.0	10.0	MB-07TH280UN-10R	★	★	★	★	7	0.1	3.8	3.4	5.8	0.9	0.1
	07	24.0	10.0	MB-07TH240UN-10R	★	★	★	★	7	0.1	3.8	3.3	5.8	1.0	0.1
	07	20.0	10.0	MB-07TH200UN-10R	★	★	★	★	7	0.2	3.8	3.2	5.8	1.1	0.1
	07	18.0	10.0	MB-07TH180UN-10R	★	★	★	★	7	0.2	3.8	3.2	5.8	1.3	0.2
	07	16.0	10.0	MB-07TH160UN-10R	★	★	★	★	7	0.2	3.8	3.1	5.8	1.4	0.2
	07	14.0	10.0	MB-07TH140UN-10R	★	★	★	★	7	0.2	3.8	3.2	5.8	1.6	0.2

Internal left-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
	07	28.0	10.0	MB-07TH280UN-10L	★	★	★	★	7	0.1	3.8	3.4	5.8	0.9	0.1
	07	24.0	10.0	MB-07TH240UN-10L	★	★	★	★	7	0.1	3.8	3.3	5.8	1.0	0.1
	07	20.0	10.0	MB-07TH200UN-10L	★	★	★	★	7	0.2	3.7	3.2	5.8	1.1	0.1
	07	18.0	10.0	MB-07TH180UN-10L	★	★	★	★	7	0.2	3.8	3.2	5.8	1.3	0.2
	07	16.0	10.0	MB-07TH160UN-10L	★	★	★	★	7	0.2	3.8	3.1	5.8	1.4	0.2
	07	14.0	10.0	MB-07TH140UN-10L	★	★	★	★	7	0.2	3.8	3.2	5.8	1.6	0.2

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

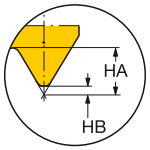
F2 B118 C83 H36 H25

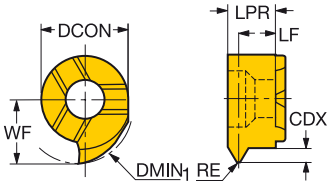
CoroCut® MB solid carbide head for thread turning

Whitworth 55° (BSW, BSF, BSP) Full form

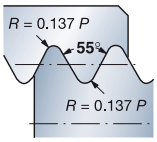
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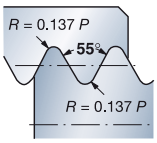




Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	RE	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
	07	14.0	10.0	0.240	MB-07TH140WH-10R	★	★	★	★	7	3.8	2.6	5.8	1.4	0.3
	07	11.0	10.0	0.310	MB-07TH110WH-10R	★	★	★	★	7	3.8	2.3	5.8	1.8	0.4

Internal left-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	RE	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
	07	14.0	10.0	0.240	MB-07TH140WH-10L	★	★	★	★	7	3.8	2.6	5.8	1.4	0.3
	07	11.0	10.0	0.310	MB-07TH110WH-10L	★	★	★	★	7	3.8	2.3	5.8	1.8	0.4

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

F2 B118 C83 H36 H25

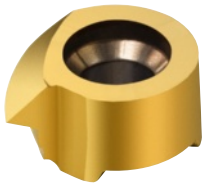
SANDVIK Coromant

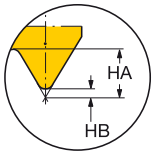
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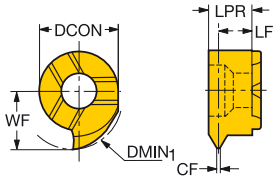
CoroCut® MB solid carbide head for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

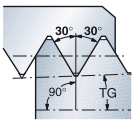
STDNO ANSI B.1.20.1-1983



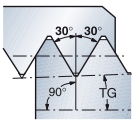




Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	RE	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
	07	14.0	10.0	0.070	MB-07TH140NT-10R	★	★	★	★	7	3.8	2.7	5.8	1.5	0.1

Internal left-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	RE	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm 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
	07	14.0	10.0	0.070	MB-07TH140NT-10L	★	★	★	★	7	3.8	2.7	5.8	1.5	0.1

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand, L = Left hand

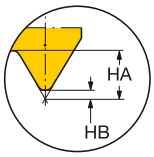
F2 B118 C83 H36 H25

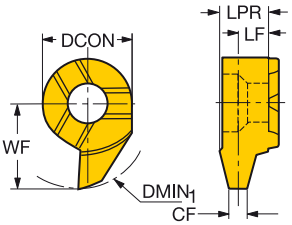
CoroCut® MB solid carbide head for thread turning

ACME 29° partial profile

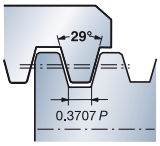
TCTR 2G
STDNO ANSI B1.5-1988







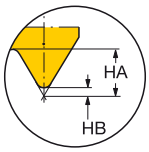
Internal right-hand threads

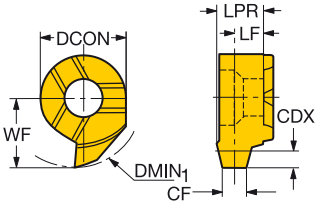
	CZC$_{MS}$	TPI	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm DCON	CF	LPR	LF	WF	HA	HB
	07	8.0	11.0	MB-07TH080AC-11R	★	★	★	★	7	1.0	3.9	2.8	6.8	4.1	2.0
	07	16.0	11.0	MB-07TH160AC-11R	★	★	★	★	7	0.5	3.9	3.3	6.8	2.1	1.0
	07	14.0	11.0	MB-07TH140AC-11R	★	★	★	★	7	0.6	3.9	3.2	6.8	2.3	1.2
	07	12.0	11.0	MB-07TH120AC-11R	★	★	★	★	7	0.7	3.9	3.1	6.8	2.7	1.4
	07	10.0	11.0	MB-07TH100AC-11R	★	★	★	★	7	0.8	3.9	3.0	6.8	3.3	1.6

STUB-ACME 29° partial profile

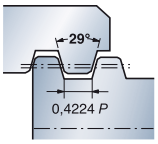
TCTR 2G
STDNO ANSI B1.8-1988







Internal right-hand threads

	CZC$_{MS}$	TPI	DMIN$_1$	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm DCON	CF	LPR	LF	WF	HA	HB
	07	8.0	10.0	MB-07TH080SA-10R	★	★	★	★	7	1.2	3.7	2.5	5.8	3.7	2.3
	07	16.0	10.0	MB-07TH160SA-10R	★	★	★	★	7	0.6	4.0	3.4	5.8	1.9	1.1
	07	14.0	10.0	MB-07TH140SA-10R	★	★	★	★	7	0.7	4.0	3.3	5.8	2.2	1.3
	07	12.0	10.0	MB-07TH120SA-10R	★	★	★	★	7	0.8	4.0	3.2	5.8	2.5	1.6
	07	10.0	10.0	MB-07TH100SA-10R	★	★	★	★	7	0.9	3.9	3.1	5.8	3.0	1.8

CZC$_{MS}$ to correspond with CZC$_{WS}$ on adaptor.

R = Right hand

F2 B118 C83 H36 H25

Cutting speed recommendations

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	Super austenitic	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
		Grey 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								
		Aluminium 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
		Aluminium 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

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 alloys							
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	-

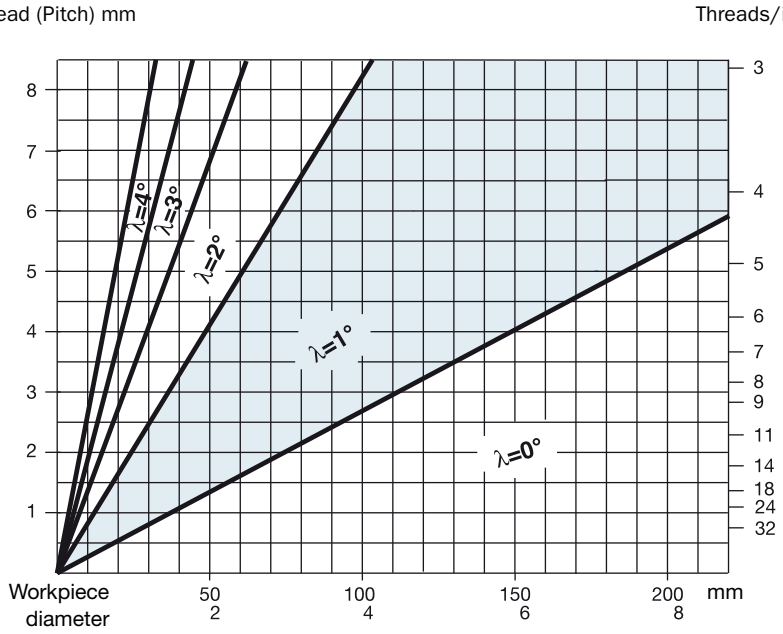
CoroThread® 266

The angle of inclination is calculated by using the formula:

$$\lambda = \tan^{-1}\left(\frac{P}{d_2 \times \pi}\right)$$

P = Pitch
d_2 = Effective diameter of thread

λ = Angle of inclination



Pitch range mm (TPI)	Insert size △	 *iC*	Inclination angle	Shims For right hand external tool For left hand internal tool	 For left hand external tool For right hand internal tool
0.5-3.0 (32-6)	16	3/8	–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 (11.5-4)	22	1/2	–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 (5-3)	27	5/8	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 △	 IC	Inclination angle	Shims for holders 266R/LFA For right hand external tool For left hand internal tool	 For left hand external tool For right hand internal tool
0.5-3.0	16	3/8	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

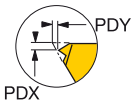
TPI	Inclination angle				
	4°	3°	2° (-2°)	1° (-1°)	0°
	Thread diameter, inch				
32	<.16	.16-.23	.23-.38	.38-1.14	>1.14
28	<.16	.16-.26	.26-.43	.43-1.30	>1.30
24	<.22	.22-.30	.30-.51	.51-1.52	>1.52
20	<.26	.26-.36	.36-.61	.61-1.82	>1.82
18	<.29	.29-.40	.40-.68	.68-2.03	>2.03
16	<.33	.33-.46	.46-.76	.76-2.28	>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:

P = Pitch
d_2 = Effective diameter of thread
λ = Angle of inclination

$$\lambda = \tan^{-1}\left(\frac{P}{d_2 \times \pi}\right)$$



ISO Metric (MM), external

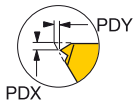
	Pitch, mm														
	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
PDY	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.67	1.67	1.67	1.38	1.08	0.88
PDX	0.50	0.50	0.80	0.80	1.00	1.20	1.40	1.40	1.80	2.50	2.50	2.50	2.50	2.50	2.80
No. of infeeds	Radial infeed per pass														
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



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

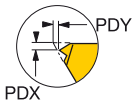
		Pitch, mm																
		28	26	20	19	18	16	14	12	11	10	9	8	7	6	5	4.5	4
External	PDY	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.67	1.67	1.38	0.99	0.59
	PDX	0.80	0.80	0.80	0.80	1.00	1.00	1.40	1.40	1.40	1.40	1.80	1.80	2.50	2.50	2.50	2.65	2.75
Internal	PDY				1.30	1.30	1.30	1.30	1.30	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

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 infeeds	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 infeed	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 infeeds	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 infeed	1.34	1.64	2.18	2.98



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

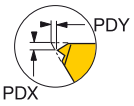
		Pitch, mm				
		27	18	14	11½	8
External	PDY	1.03	1.03	1.03	1.03	1.03
	PDX	0.80	1.00	1.20	1.40	1.60
Internal	PDY			1.01	1.01	1.01
	PDX			1.20	1.40	1.60
No. of infeeds		Radial infeed per pass				
1		0.14	0.16	0.17	0.17	0.19
2		0.13	0.16	0.17	0.17	0.19
3		0.13	0.15	0.16	0.16	0.18
4		0.12	0.14	0.16	0.16	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 per pass	
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 infeed		0.92	1.21



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

BSPT (PT), external and internal

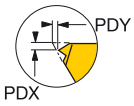
		Pitch, mm				
		28	19	14	11	8
External	PDY	1.32	1.32	1.32	1.40	1.32
	PDX	0.80	0.80	1.20	1.40	1.80
Internal	PDY	1.30	1.30	1.30	1.30	1.30
	PDX	0.80	0.80	1.20	1.40	1.80
No. of infeeds		Radial infeed per pass				
1		0.15	0.19	0.19	0.22	0.22
2		0.14	0.18	0.18	0.21	0.21
3		0.13	0.17	0.17	0.20	0.21
4		0.12	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

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



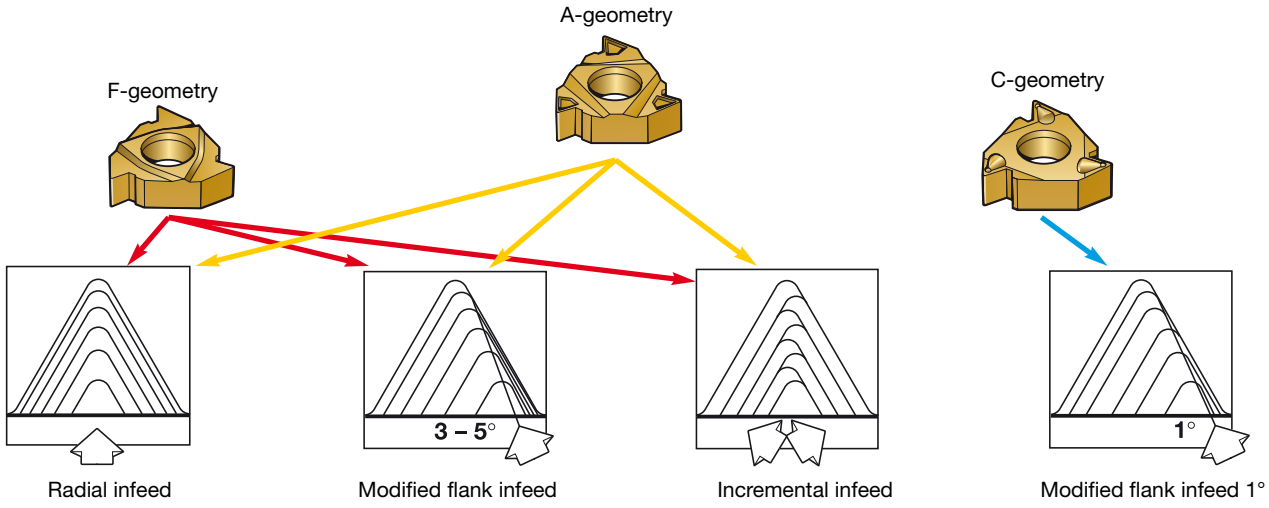
API thread forms

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

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 number of passes.

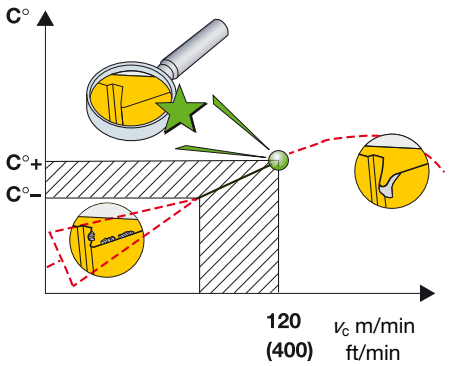
- The workpiece diameter should not be more than 0.14 mm (.006 inch) larger than the max diameter of the thread to achieve optimum tool life.
- Infeeds of less than 0.05 mm (.002 inch) should be avoided, for austenitic stainless steels not less than 0.08 mm (.003 inch).
- When using a Cubic Boron Nitride (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 C80 are used.
- For V-profile inserts the recommended number of passes that is used for full form inserts can be used.



Cutting speed

Starting cutting speed recommendations are given on page C73. Careful observation on the cutting edge can help you to achieve the best possible threading results.

- A cutting speed that is too low can result in built-up edge
- A cutting speed that is too high can result in 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 C77
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 varius steel threadings. To be used at high cutting speeds and long cutting times.



GC1020 (HC) - P20 (P10-P40)
Good, all-round PVD-coated grade for steel turning. Combindes good wear resistance with sharpness also in low cabon.



GC1135 (HC) – P25 (P10-P45)
Good allround PVD-coated grade with good wear resistance and edge line toughness for varius 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) - M20 (M10-M30)
Good all-round PVD-coated grade with good wear resistance and edge sharpness in non-ferrous materials.



GC1135 (HC) – M25 (M10-M35)
Good allround 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 M-area and toughness demanding threading operations.

K Cast iron, chilled cast iron, short chipping malleable iron.



GC1125 (HC) - K15 (K05-K20)
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)
Good allround PVD-coated grade with good wear resistance and edge line toughness for varius steel threadings. To be used at medium cutting speeds.

N Non ferrous metals



GC1125 (HC) - N25 (N15-N35)
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)
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)
PVD grade optimized for stainless steel and heat resistant super alloys. The best choice for sharp profiles in all materials and for 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 aluminium oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminium 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)]

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 and 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 allround PVD-coated carbide grade for toughness demanding super alloy threading. To be used at low cutting speeds. First choise in 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. To be 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 aluminium oxide (Al_2O_3).
CM	Mixed ceramics containing primarily aluminium 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:

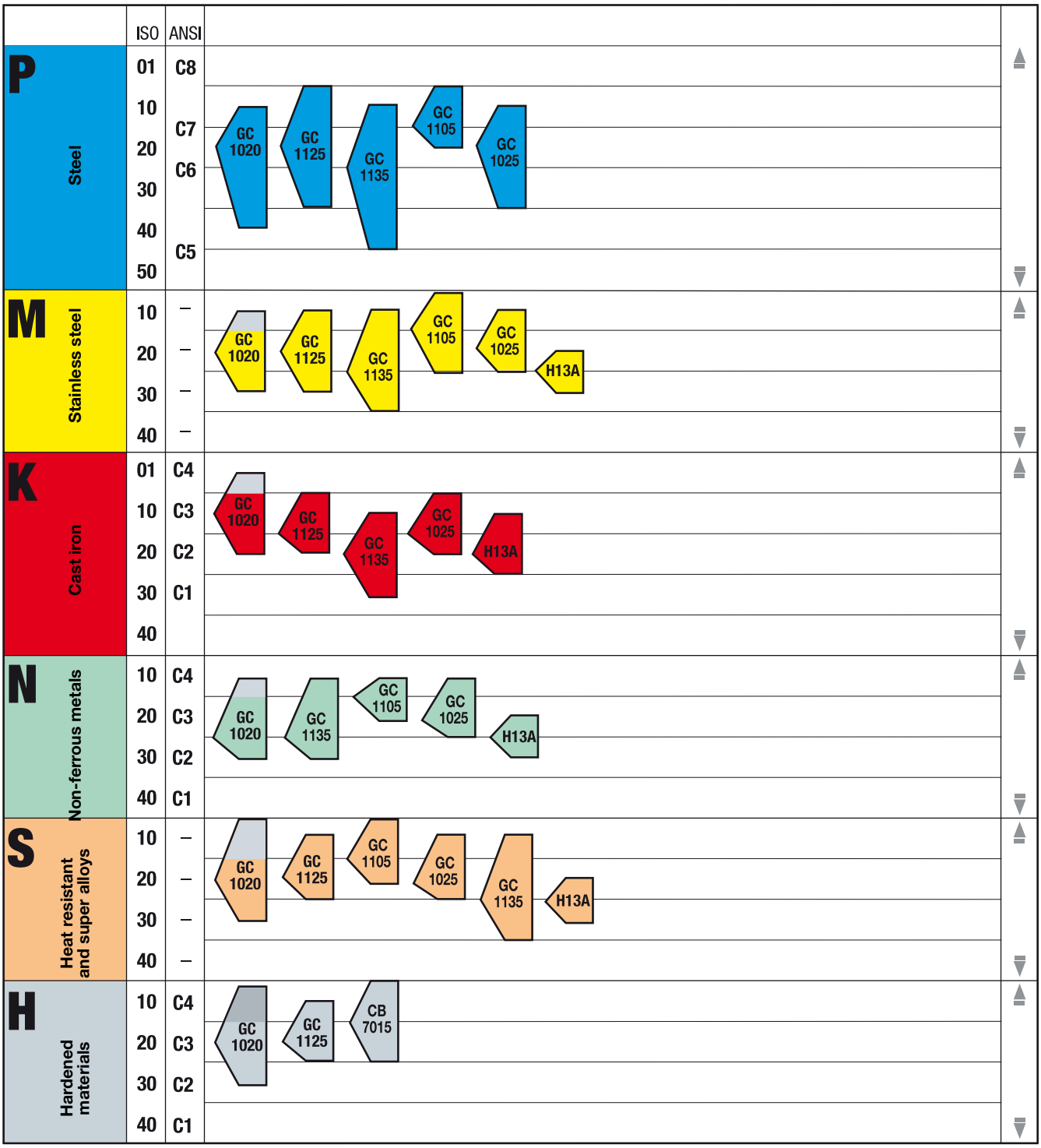
DP	Polycrystalline diamond[1)]

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.

Centre of the field of application.



Recommended field of application.

Wear resistance

Toughness



Additional coverage due to the F-geometry



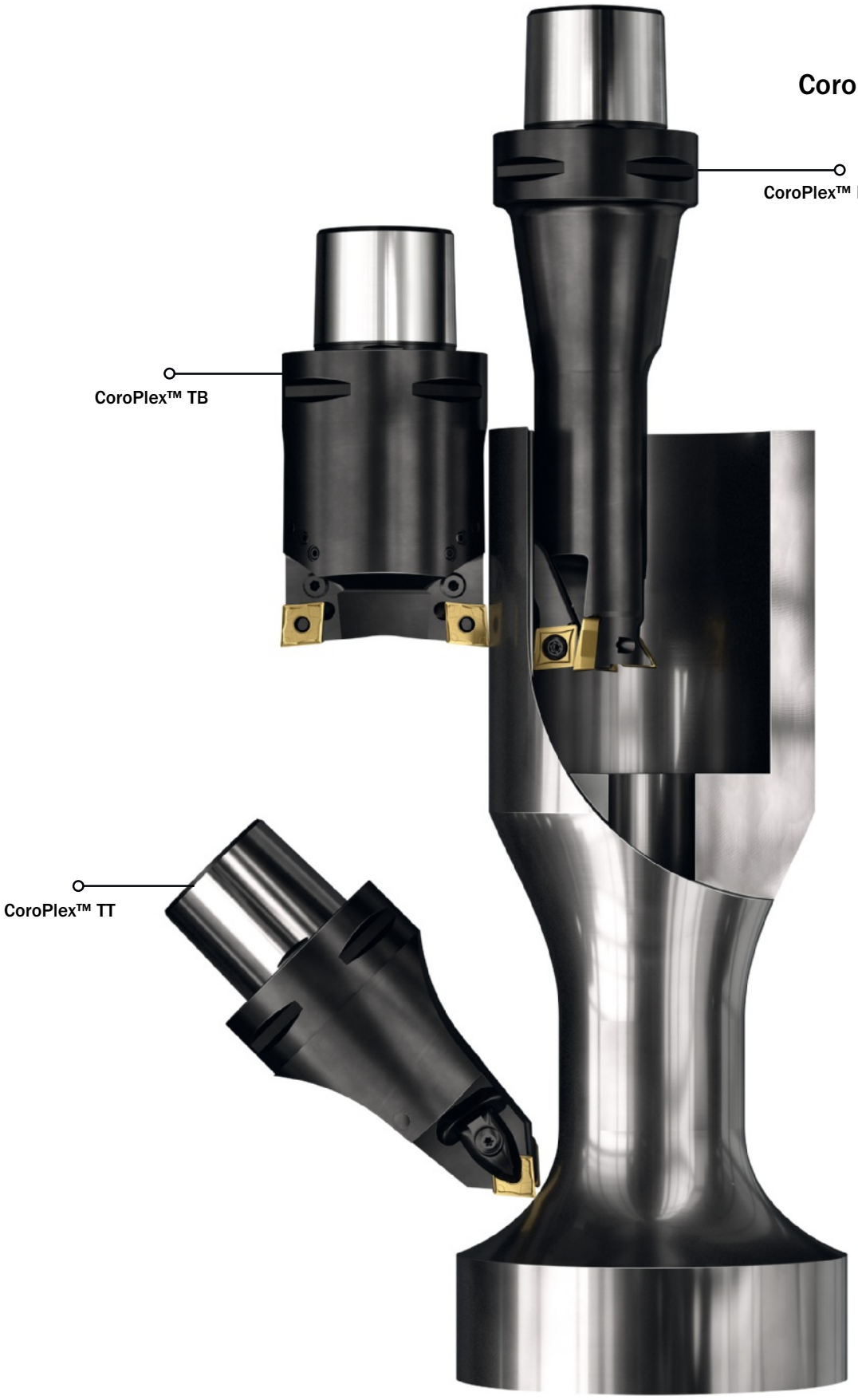
Multifunctional tools



CoroPlex™ TT D4
Inserts A138
Tools D5-D6

CoroPlex™ TB D7
Inserts A138
Tools D8

CoroPlex™ MT D9
Inserts A35
Tools D10



CoroPlex™ TT

Two turning tools in one

B

Application

- External turning
- Internal turning
- Profiling



C

ISO application area:

P M K S H

D

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

E

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

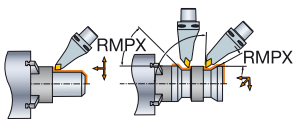
Tools

- Coromant Capto® cutting units

F

With tool spindle tilted 45°

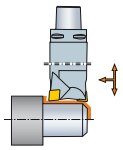
- Face and longitudinal turning
- Profiling



G

With tool spindle tilted 90°

- External longitudinal turning
- External face turning
- Internal turning



Right hand style shown unless otherwise stated

H


A138


F2

SANDVIK Coromant

ENG

CoroPlex™ TT multifunctional tool for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

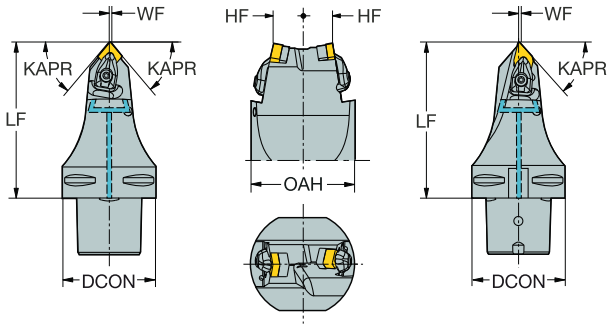


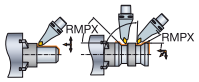
CNMM
CNMG
CNMA, CNGA





DNMM, DNMX
DNMG
DNMA, DNGA



					Dimensions, mm								
	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		
	12	50				115	0.5	20				3.9	CNMG 12 04 08
	15	48				115	0.5	20				3.9	DNMG 15 06 08
	C6		1	**C6-T-DCM12DDM15L105**	63				70	80	1.8		
	12	50				105	0.5	20				3.9	CNMG 12 04 08
	15	48				105	0.5	20				3.9	DNMG 15 06 08
	C6		1	**C6-T-DCM12DDM15L130**	63					80	2.5		
	12	50				130	0.5	20	70			3.9	CNMG 12 04 08
	15	48				130	0.5	20	70			3.9	DNMG 15 06 08
	C8		1	**C8-T-DCM16DDM15L160**	80				80	80	4.7		
	16	50				160	0.5	24				3.9	CNMG 12 04 08
	15	48				160	0.5	24				3.9	DNMG 15 06 08
	C10		1	**C10-T-DCM19DDM15L180**	100				80	80	6.2		
	19	50				180	0.5	24				6.4	CNMG 19 06 12
	15	48				180	0.5	24				3.9	DNMG 15 06 08


A138


F2



H36



H5

CoroPlex™ TT multifunctional tool for turning

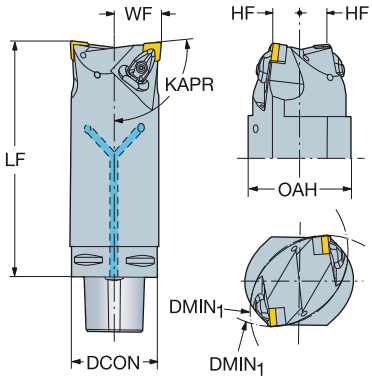
Rigid clamp design

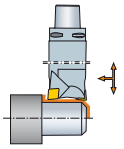
Coromant Capto® - Internal coolant supply

KAPR 95°







						Dimensions, mm									
		CZC_{MS}	$DMIN_1$	CNSC	**Ordering code**	DCON	LF	WF	HF	OAH	BAR	KG	NM	CICT	MIID
	12	C5	110	1	**C5-T-DCL12DCL12L130**	50	130	26	20	69	80	2.7	3.9	2	CNMG 12 04 08
	12	C6	110	1	**C6-T-DCL12DCL12L165**	63	165	33	20	75	80	4.7	3.9	2	CNMG 12 04 08
	16	C8	115	1	**C8-T-DCL16DCL16L200**	80	200	33	20	80	80	7.0	6.4	2	CNMG 16 06 12







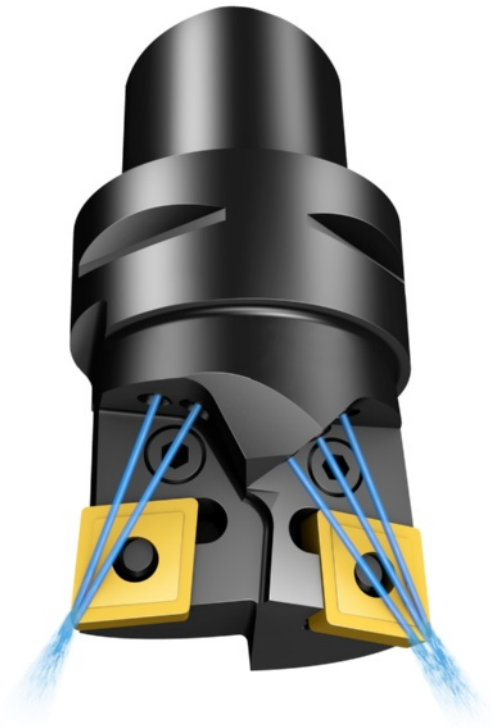


CoroPlex™ TB

Multifunctional turning boring bar dedicated for multi-task machines and turning centres.

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

Right hand style shown unless otherwise stated

Inserts

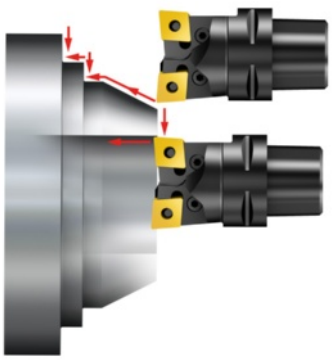
- T-Max P - C style inserts
- Insert geometries and grades for all materials

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.





A138



F2

CoroPlex™ TB multifunctional tool for turning

Lever clamp design

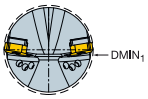
Coromant Capto® - Internal coolant supply



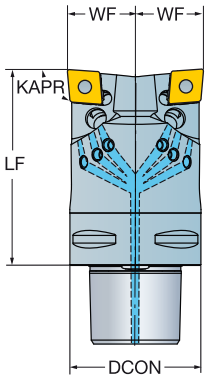


CNMM
CNMG
CNMA, CNGA

KAPR



95°



		CZC$_{MS}$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	BAR	KG	NM	CICT	MIID
	12	C4	43	3	**C4-TB-CN12CN12-060**	40	60	21.0	0.0	80	0.5	5.0	2	CNMG 12 04 08
	12	C5	53	3	**C5-TB-CN12CN12-075**	50	75	26.0	0.0	80	1.0	5.0	2	CNMG 12 04 08
	12	C6	66	3	**C6-TB-CN12CN12-090**	63	90	32.0	0.0	80	2.0	5.0	2	CNMG 12 04 08

A138 F2 H36 H5

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

Right hand style shown unless otherwise stated

Inserts

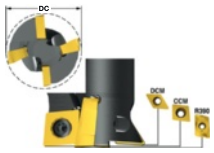
- CoroTurn 107 C and D-Style inserts
- CoroMill 390 inserts, see rotating tools catalogue

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 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.





A35



F2

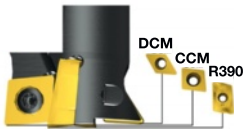
CoroPlex™ MT multifunctional tool for milling and turning

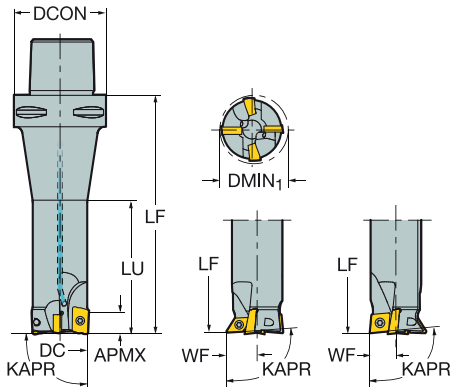
Lever clamp design

Coromant Capto® - Internal coolant supply

KAPR 95°







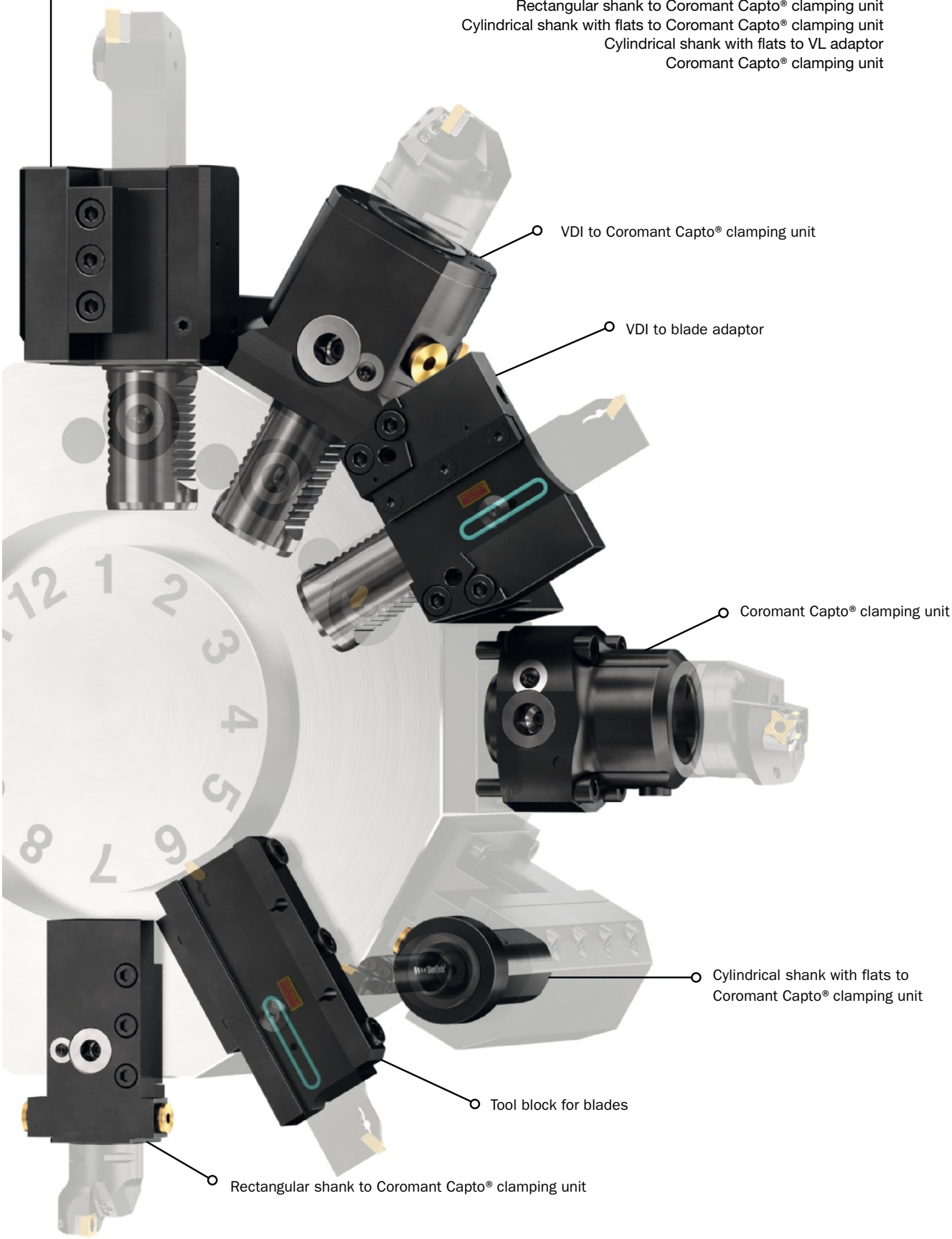
	CZC$_{MS}$	DMIN$_1$	CNSC	Ordering code	Dimensions, mm DCON	DC	LF	LU	APMX	KG	NM	Gauge inserts MIID
07	C5	35	3	M-32C5-39011C09D07	50	32.0	130	81	10.0	1.1	3.0	R390-11..
07	C6	35	3	M-32C6-39011C09D07	63	32.0	165	81	10.0	1.9	3.0	DCMT 07 02 04
18		43	3	M-40C6-39018C12D11	63	40.0	165	92	10.0	2.0	3.0	R390-18..
18	C8	43	3	M-40C8-39018C12D11	80	40.0	200	92	10.0	3.6	3.0	DCMT 11 T3 08

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Tool holding

Non machine specific clamping unit

VDI to Coromant Capto® clamping unit E6-E7
VDI to rectangular shank adaptor E8
VDI to blade adaptor E9
VDI to VL adaptor E10
Tool block for blades E11
Rectangular shank to Coromant Capto® clamping unit E12
Cylindrical shank with flats to Coromant Capto® clamping unit E13
Cylindrical shank with flats to VL adaptor E14
Coromant Capto® clamping unit E15



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 catalogue is just a fraction 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.





SANDVIK Coromant

Assortment

Find the interface suiting your machine below. Go to www.sandvik.coromant.com/macu for more information and to order the machine specific clamping units and driven tool holders of your choice.

Turning centres 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

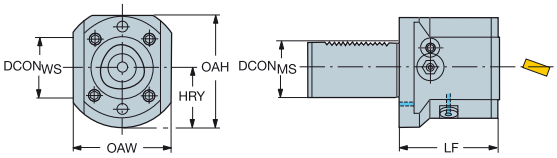
Turning centres without milling option

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

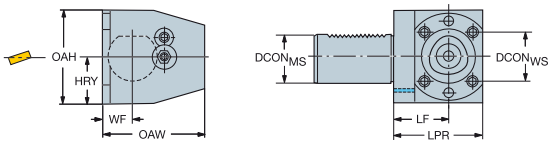
Machine side interface VDI according to DIN 69880





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	OAW	OAH	HRY	BAR	KG
30	C3	6	2	C3-R/LC2030-00060M	30	32	60	50	61	34	80	1.4
40	C4	6	2	C4-R/LC2040-00075M	40	40	75	75	75	41	80	2.4
	C5	6	2	C5-R/LC2040-00085M	40	50	85	75	82	41	80	3.5
50	C4	6	2	C4-R/LC2050-00065M	50	40	65	70	83	49	80	2.8
	C5	6	2	C5-R/LC2050-00085M	50	50	85	83	90	49	80	4.5
60	C5	6	2	C5-R/LC2060-00075M	60	50	75	80	100	58	80	5.7
	C6	6	2	C6-R/LC2060-00095	60	63	95	84	111	58	80	7.4





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	OAW	OAH	HTB	HRY	BAR	KG
30	C3	6	2	C3-R/LC2030-41020M	30	32	60	41	20.0	74	57	38	30	80	2.2
		6	2	C3-R/LC2030-41030M	30	32	60	41	30.0	74	57	41	30	80	2.2
40	C4	6	2	C4-R/LC2040-51030M	40	40	75	51	30.0	86	75	54	38	80	3.9
		6	2	C4-R/LC2040-51040M	40	40	75	51	40.0	86	75	60	38	80	4.2
	C5	6	2	C5-R/LC2040-53030M	40	50	85	53	30.0	99	82	47	41	80	4.8
		6	2	C5-R/LC2040-53040M	40	50	85	53	40.0	99	82	53	41	80	5.1
50	C5	6	2	C5-R/LC2050-53030M	50	50	85	53	30.0	99	86	59	43	80	6.3
		6	2	C5-R/LC2050-53040M	50	50	85	53	40.0	99	86	65	43	80	6.5
60	C5	6	2	C5-R/LC2060-43040M	60	50	75	43	40.0	99	94	76	53	80	7.3
	C6	6	2	C6-R/LC2060-53040	60	63	95	53	40.0	122	105	70	53	80	6.0

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 G10.

G2 H36 H5 E18

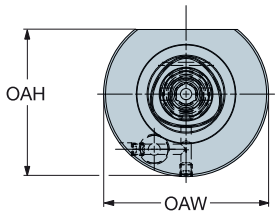
ENG

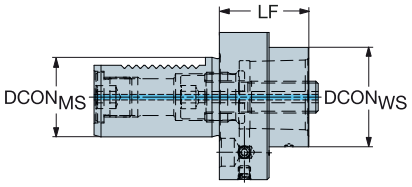
VDI to Coromant Capto® clamping unit

Machine side interface VDI according to DIN 69880

Centre bolt clamping

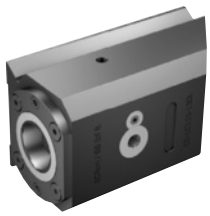


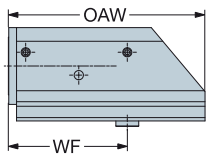


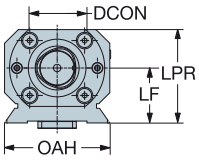


					Dimensions, mm									
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	BD_1	LB_1	LF	OAW	OAH	BAR	NM	KG
30	C3	7	1	**C3-NC3000-V30-035**	30.0	32.0	32.0	15.0	35.0	68.0	62.0	80	35	0.8
	C4	7	1	**C4-NC3000-V30-060**	30.0	40.0	40.0	40.0	60.0	68.0	62.0	80	50	0.9
40	C3	7	1	**C3-NC3000-V40-030**	40.0	32.0	40.0	10.0	30.0	83.0	74.0	80	35	1.4
	C4	7	1	**C4-NC3000-V40-030**	40.0	40.0	40.0	5.0	30.0	83.0	74.0	80	50	1.5
	C5	7	1	**C5-NC3000-V40-045**	40.0	50.0	50.0	20.0	45.0	83.0	74.0	80	70	1.6
	C6	7	1	**C6-NC3000-V40-090**	40.0	63.0	63.0	70.0	90.0	83.0	74.0	80	90	2.5
50	C3	7	1	**C3-NC3000-V50-035**	50.0	32.0	32.0	10.0	35.0	98.0	84.0	80	35	2.4
	C4	7	1	**C4-NC3000-V50-040**	50.0	40.0	40.0	15.0	40.0	98.0	84.0	80	50	2.5
	C5	7	1	**C5-NC3000-V50-050**	50.0	50.0	50.0	25.0	50.0	98.0	84.0	80	70	2.6
	C6	7	1	**C6-NC3000-V50-070**	50.0	63.0	63.0	45.0	70.0	98.0	84.0	80	90	3.1
	C8	7	1	**C8-NC3000-V50-100**	50.0	80.0	80.0	75.0	100.0	98.0	90.0	80	130	4.5
60	C5	7	1	**C5-NC3000-V60-050**	60.0	50.0	50.0	20.0	50.0	123.0	104.0	80	70	4.3
	C6	7	1	**C6-NC3000-V60-050**	60.0	63.0	63.0	20.0	50.0	123.0	104.0	80	90	4.2
	C8	7	1	**C8-NC3000-V60-085**	60.0	80.0	80.0	55.0	85.0	123.0	104.0	80	130	5.7

Machine side interface according to DIN 69881







					Dimensions, mm							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	DCON	LPR	LF	WF	OAW	OAH	BAR	KG
90	C5	2	2	**C5-R/LC090-130L**	50	82	50	130.0	210	90	80	9.7
115	C6	2	2	**C6-R/LC115-130L**	63	102	60	130.0	215	115	80	16.7
140	C6	2	2	**C6-R/LC140-165L**	63	102	60	165.0	215	140	80	25.0
		2	2	**C6-R/LC140-205L**	63	102	60	205.0	350	140	80	28.2
	C8	2	2	**C8-R/LC140-165L**	80	120	70	135.0	310	140	80	30.3
		2	2	**C8-R/LC140-205L**	80	120	70	165.0	350	140	80	35.1
	C10	2	1	**C10-R/LC140-205L**	100	153	90	205.0	350	140	80	35.0

For spare parts, visit www.sandvik.coromant.com

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


G2



H36

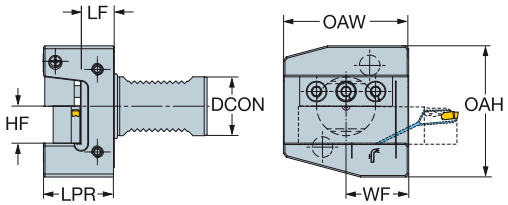


H5

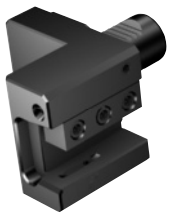
VDI to rectangular shank adaptor

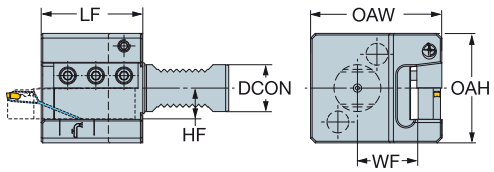
Machine side interface according to DIN 69880





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	BAR	NM	KG
30	20 x 20	7	6	**ASHA-R/L-VDI30-20-HP**	30.0	35.5	15.5	35.0	20.0	70.0	73.0	80	10	1.3
40	25 x 25	7	6	**ASHA-R/L-VDI40-25-HP**	40.0	48.0	23.0	42.5	25.0	85.0	89.0	80	25	2.6
50	25 x 25	7	6	**ASHA-R/L-VDI50-25-HP**	50.0	48.0	23.0	50.0	25.0	100.0	110.0	80	25	4.4





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	RADH	RADW	BAR	NM	KG
30	20 x 20	7	6	**ASHN-VDI30-20-HP**	30.0	70.0	35.5	20.0	85.5	70.0	35.0	55.5	80	10	2.0
40	25 x 25	7	6	**ASHN-VDI40-25-HP**	40.0	85.0	25.5	25.0	92.5	88.0	44.0	50.5	80	25	3.2

For spare parts, visit www.sandvik.coromant.com

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

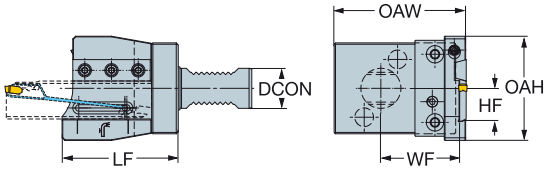
H36 H5 E16

ENG

VDI to blade adaptor

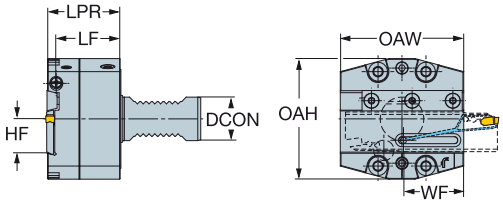
Machine side interface according to DIN 69880





					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	DCON	LF	WF	HF	OAW	OAH	BAR	KG	
25	21L	1	2	**APBL-VDI25-21-HP**	25.0	80.0	38.0	21.4	84.0	73.0	80	1.4	
	21R	1	2	**APBR-VDI25-21-HP**	25.0	80.0	38.0	21.4	84.0	73.0	80	1.4	
30	25L	1	2	**APBL-VDI30-25-HP**	30.0	87.0	46.0	25.0	98.5	78.0	80	1.9	
	25R	1	2	**APBR-VDI30-25-HP**	30.0	87.0	46.0	25.0	98.5	78.0	80	1.9	
40	25L	1	2	**APBL-VDI40-25-HP**	40.0	80.0	67.5	25.0	118.5	100.0	80	3.2	
	25R	1	2	**APBR-VDI40-25-HP**	40.0	80.0	67.5	25.0	118.5	100.0	80	3.2	





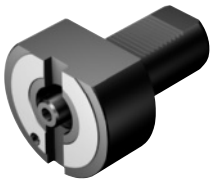
					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	DCON	LPR	LF	WF	HF	OAW	OAH	BAR	KG
30	25L	6	3	**APBA-L-VDI30-25-HP**	30.0	50.5	45.5	42.5	25.0	85.0	83.0	80	2.7
	25R	6	3	**APBA-R-VDI30-25-HP**	30.0	50.5	45.5	42.5	25.0	85.0	83.0	80	2.7
40	25L	6	3	**APBA-L-VDI40-25-HP**	40.0	50.5	45.5	42.5	25.0	85.0	83.0	80	3.0
	25R	6	3	**APBA-R-VDI40-25-HP**	40.0	50.5	45.5	42.5	25.0	85.0	83.0	80	2.9
50	25L	6	3	**APBA-L-VDI50-25-HP**	50.0	50.5	45.5	42.5	25.0	85.0	92.0	80	3.6
	25R	6	3	**APBA-R-VDI50-25-HP**	50.0	50.5	45.5	42.5	25.0	85.0	92.0	80	3.6

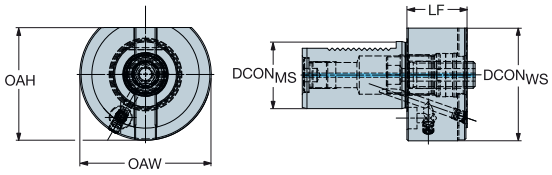
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

H36 H5 E16

VDI to VL adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm $DCON_{MS}$	$DCON_{WS}$	LF	OAW	OAH	BAR	NM	KG
50	80	7	1	VL80-NC3000-V50	50.0	80.0	45.0	98.0	84.0	80	190	3.2
60	80	7	1	VL80-NC3000-V60	60.0	80.0	45.0	123.0	104.5	80	190	5.4

For spare parts, visit www.sandvik.coromant.com

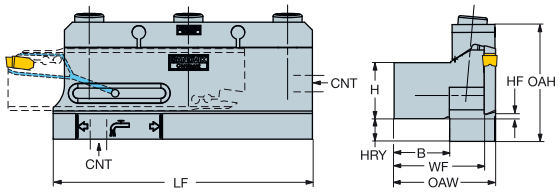
N = Neutral

H36 H5

ENG

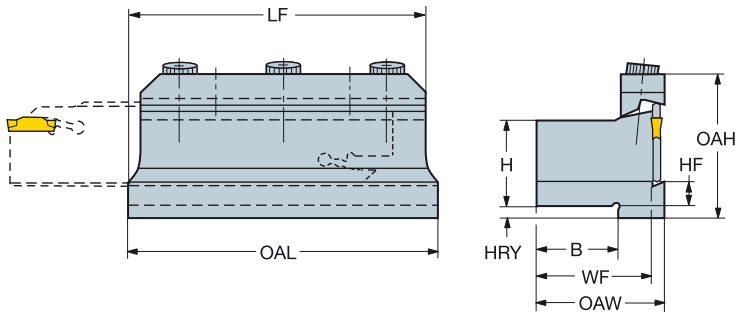
Tool block for blades





						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	21L	5.0	2	2	BA-LGC2020-21M	20.0	20.0	85.0	34.0	20.0	39.0	46.0	39.0	G1/8	70	0.7
	21R	5.0	2	2	BA-RGC2020-21M	20.0	20.0	85.0	34.0	20.0	39.0	46.0	39.0	G1/8	70	0.7
	25L	5.0	2	2	BA-LGC2020-25M	20.0	20.0	115.0	35.0	20.0	40.0	51.0	40.0	G1/8	70	1.1
	25R	5.0	2	2	BA-RGC2020-25M	20.0	20.0	115.0	35.0	20.0	40.0	51.0	40.0	G1/8	70	1.1
25 x 25	21L	5.0	2	2	BA-LGC2525-21M	25.0	25.0	85.0	39.0	25.0	44.0	48.0	44.0	G1/8	70	0.9
	21R	5.0	2	2	BA-RGC2525-21M	25.0	25.0	85.0	39.0	25.0	44.0	48.0	44.0	G1/8	70	0.8
	25L	5.0	2	2	BA-LGC2525-25M	25.0	25.0	115.0	40.0	25.0	45.5	52.0	45.5	G1/8	70	1.3
	25R	5.0	2	2	BA-RGC2525-25M	25.0	25.0	115.0	40.0	25.0	45.5	52.0	45.5	G1/8	70	1.3
32 x 32	25L	5.0	2	2	BA-LGC3232-25M	32.0	32.0	115.0	46.0	32.0	52.5	54.0	52.5	G1/8	70	1.6
	25R	5.0	2	2	BA-RGC3232-25M	32.0	32.0	115.0	46.0	32.0	52.5	54.0	52.5	G1/8	70	1.6
	45L	5.0	2	2	BA-LGC3232-45	32.0	32.0	155.0	47.0	45.0	55.0	77.0	55.0	G1/8	70	2.9
	45R	5.0	2	2	BA-RGC3232-45	32.0	32.0	155.0	47.0	45.0	55.0	77.0	55.0	G1/8	70	2.9
40 x 40	45L	5.0	2	2	BA-LGC4040-45	40.0	40.0	155.0	55.0	45.0	63.0	77.0	63.0	G1/8	70	3.5
	45R	5.0	2	2	BA-RGC4040-45	40.0	40.0	75.0	55.0	45.0	63.0	77.0	63.0	G1/8	70	3.5





					Dimensions, mm									
CZC_{MS}	CZC_{WS}	OHX	DSGN	Ordering code	B	H	LF	WF	HF	OAW	OAH	RADH	RADW	KG
20 x 20	21	5.0	1	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	1	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	1	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	1	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	1	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	1	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	1	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	1	151.2-5050-93	50.0	50.0	178.0	68.5	50.5	78.1	152.3	50.0	13.5	8.2

For spare parts, visit www.sandvik.coromant.com

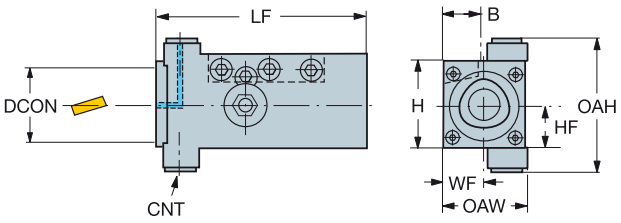
R = Right hand, L = Left hand

ISO 13399 H36

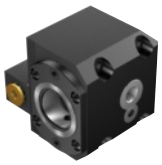
CNSC CXSC H5

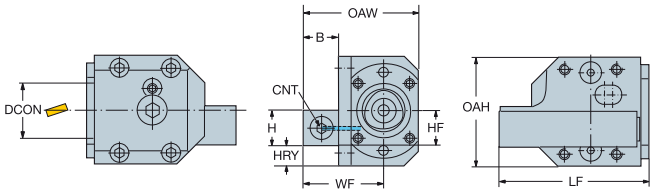
Rectangular shank to Coromant Capto® clamping unit





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





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

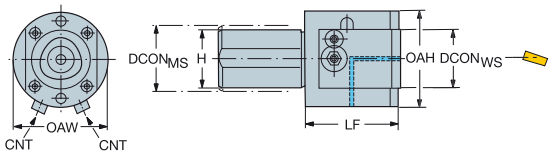
G2 H36 H5

ENG

Cylindrical shank with flats to Coromant Capto® clamping unit

Cylindrical shank with flats to Coromant Capto®



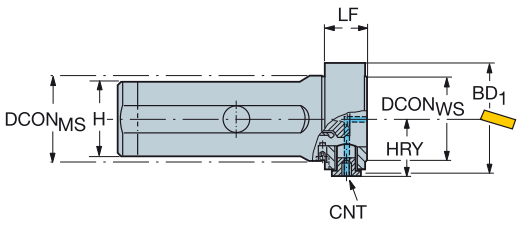


CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	H	LF	OAW	OAH	CNT	BAR	KG
40	C4	6	2	C4-R/LC2045-00075M	40	40	37	75	67	67	G1/8	80	2.5
50	C5	6	2	C5-R/LC2055-00085M	50	50	47	85	85	85	G1/8	80	4.7
60	C6	6	2	C6-R/LC2065-00095	60	63	57	95	84	105	G1/8	80	7.9

Left hand: hexagon clamping socket on opposite side of the tool.

R = Right hand, L = Left hand



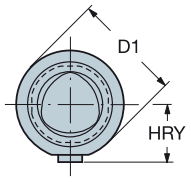


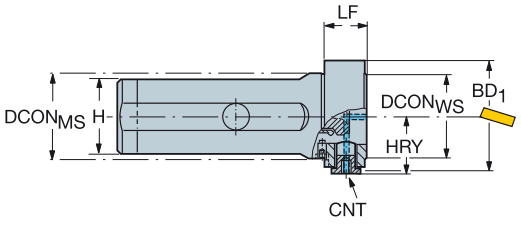
Segment clamping

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	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

N = Neutral







Centre bolt activated

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	H	BD1	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

For spare parts, visit www.sandvik.coromant.com

N = Neutral


G2



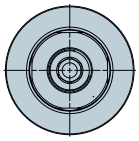
H36

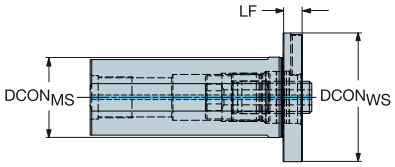


H5

Cylindrical shank with flats to VL adaptor







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

For spare parts, visit www.sandvik.coromant.com

N = Neutral

H36 H5

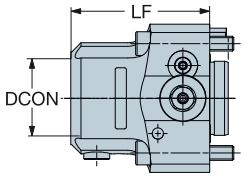
ENG

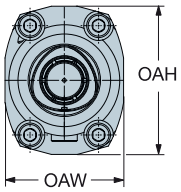
Manual clamping unit

For special applications

Coromant Capto®

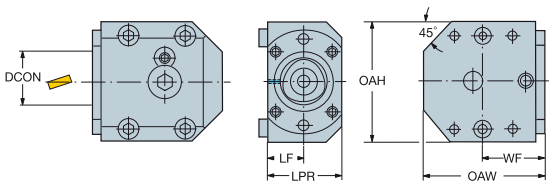






CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LF	OAW	OAH	BAR	KG
64 x 80	C5	6	1	C5-R/LC2095-00075	50	64	80	75	64	80	200	1.9
74 x 135	C6	6	1	C6-R/LC2095-00090	63	74	135	90	74	135	200	4.3
93 x 155	C8	6	1	C8-R/LC2095-00110	80	93	155	110	93	155	200	7.3
126 x 208	C10	6	1	C10-R/LC2095-00182	100	126	208	182	126	208	200	19.6





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LPR	LF	WF	OAW	OAH	BAR	KG
73 x 54	C3	6	2	C3-R/LC2090-19039M	32	73	54	38	19	39.0	73	54	80	1.3
86 x 77	C4	6	2	C4-R/LC2090-24043A	40	86	77	48	24	43.0	86	77	80	2.2
100 x 92	C5	6	2	C5-R/LC2090-32048A	50	100	92	64	32	48.0	100	92	80	3.7
122 x 105	C6	6	1	C6-R/LC2090-42060	63	122	105	84	42	60.0	122	105	80	7.0
146 x 133	C8	6	2	C8-R/LC2090-50088	80	146	133	100	50	88.0	146	133	80	13.3

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 G10.

G2 H36 H5

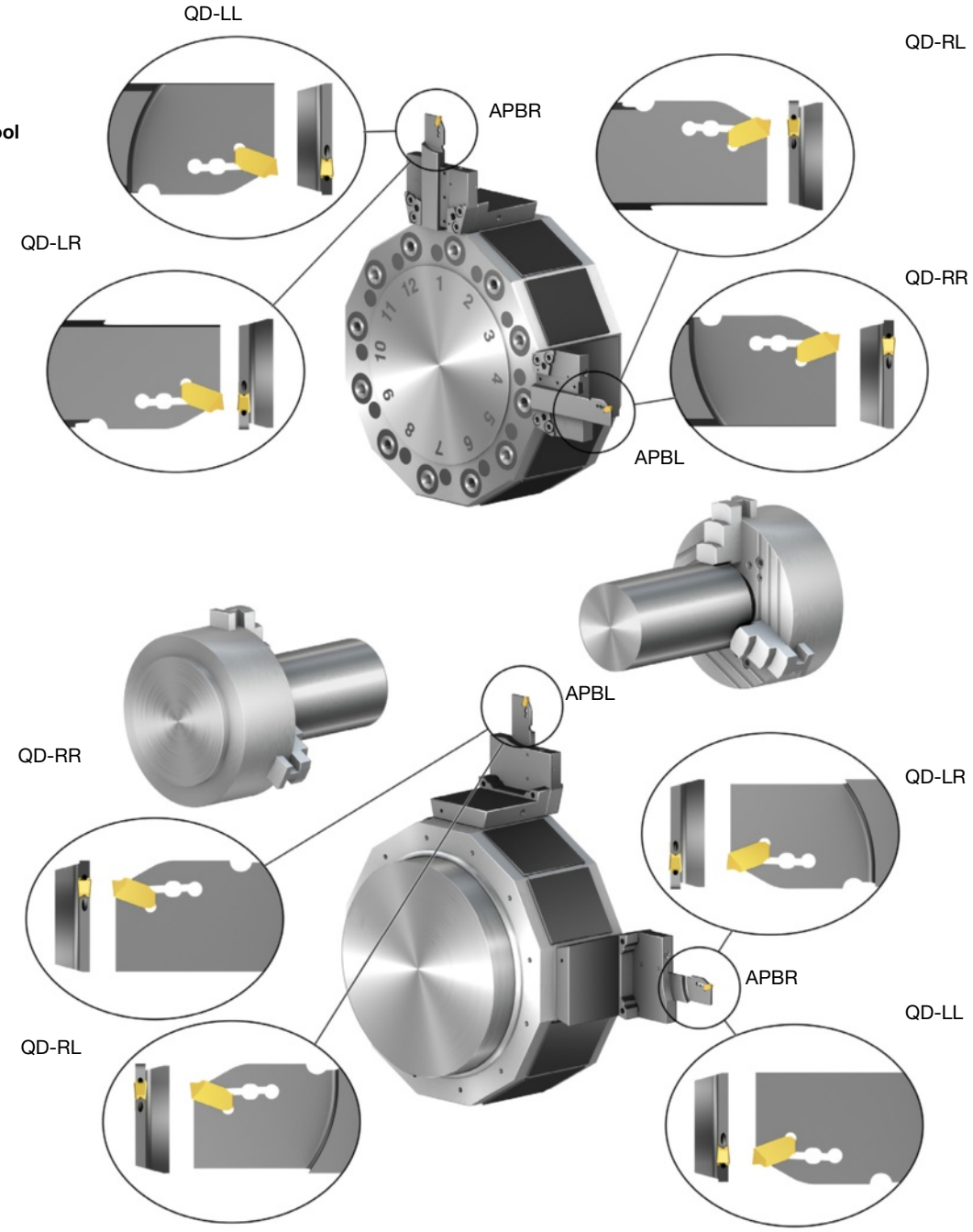
VDI

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 adaptors



ENG

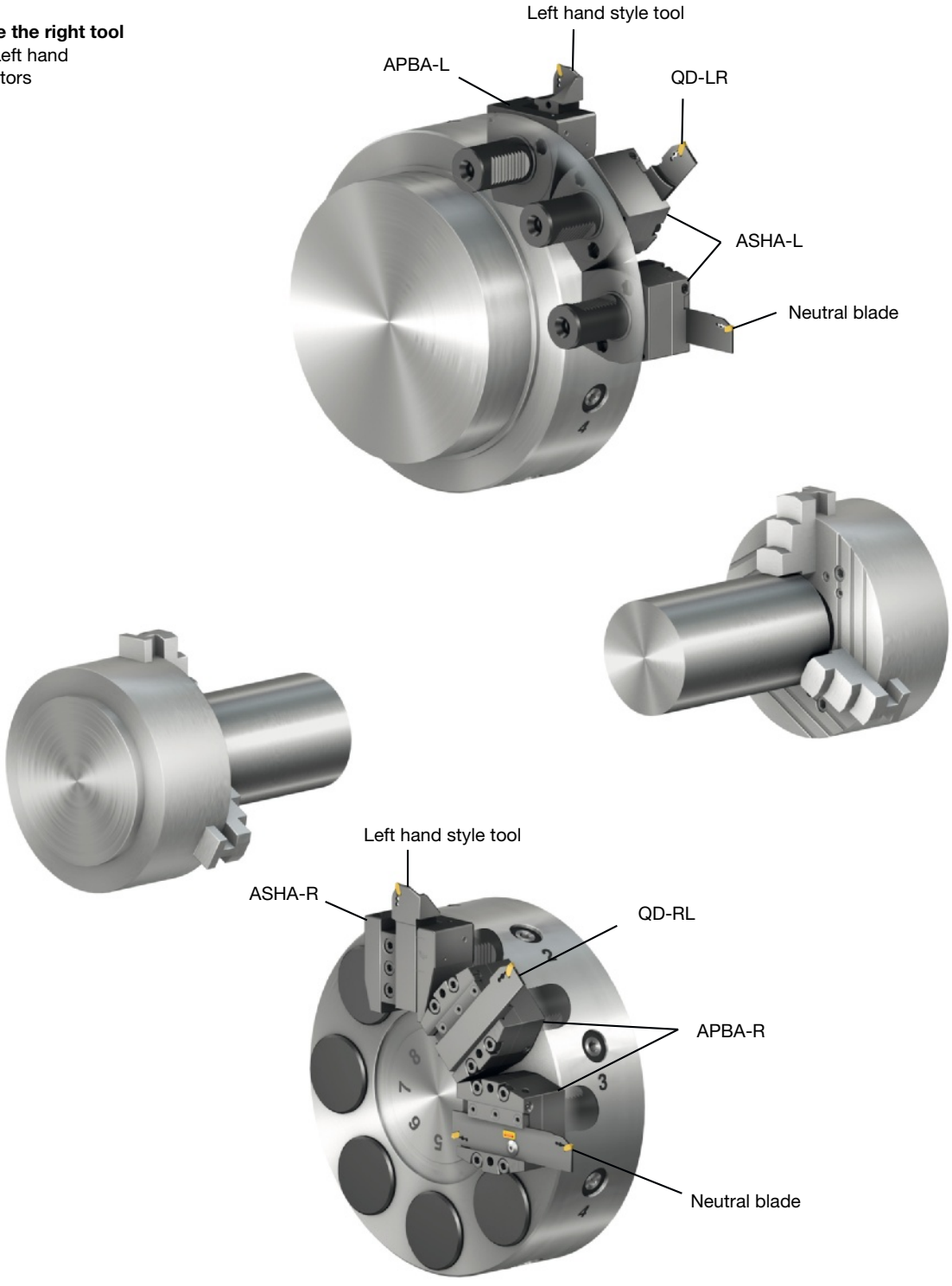
VDI

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 adaptors

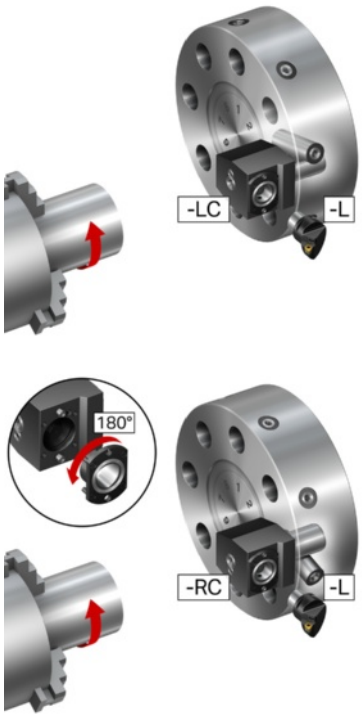


VDI

How to choose the right tool - Coromant® Capto

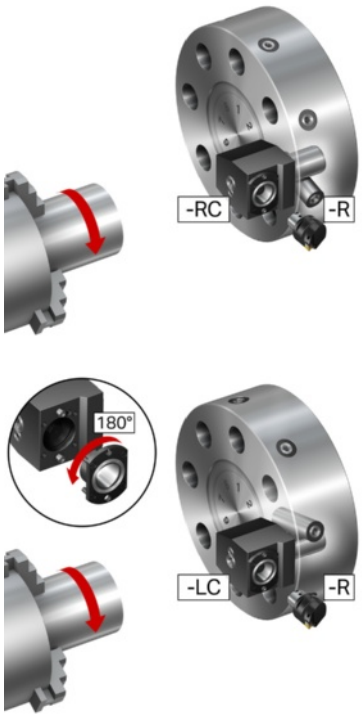
External machining

Clockwise spindle direction



Note: Polygon sleeve must be turned 180°.

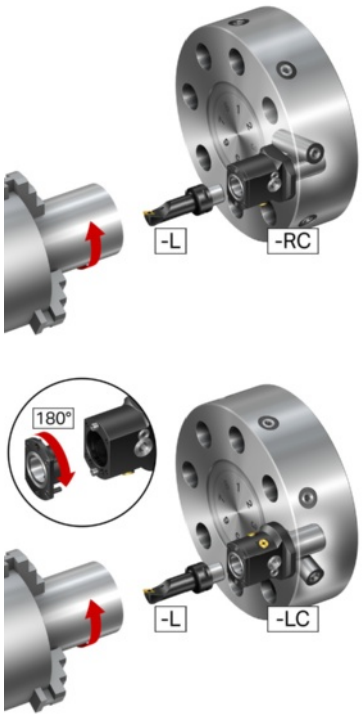
Anti-clockwise spindle direction



Note: Polygon sleeve must be turned 180°.

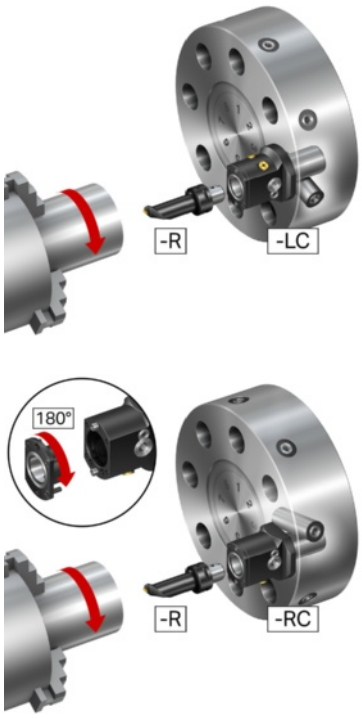
Internal machining

Clockwise spindle direction



Note: Polygon sleeve must be turned 180°.

Anti-clockwise spindle direction



Note: Polygon sleeve must be turned 180°.

Turning tool adaptors

Conventional adaptors

		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-F7						
	CoroTurn® SL	-Adaptor -Mini-turret -SL70 F8-F16	-Adaptor -SL70 F24-F25	-Adaptor F29	-Adaptor F33	-Adaptor F36	-Adaptor F45	-Reduction -Quick change -SL70 -Miniturret -570-80 to SL Quick change F41-F45
	Rectangular shank	-Adaptor -Mini-turret F17-F19	-Adaptor F26					-Adaptor F44
	Cylindrical shank	-Adaptor -EasyFix F20	-Adaptor F27					
	CoroTurn® XS	-Adaptor F21		-Adaptor F30		-Adaptor -Double-ended F37-F38		
	Blade	-Adaptor F22	-Adaptor F27					
	CoroCut® MB			-Adaptor F31	-Adaptor F34	-Adaptor F39		
	VL					-Adaptor E14		

Damped adaptors

		Machine side	
		Coromant Capto®	**Cylindrical shank**
Workpiece side	**Coromant Capto®**		-Adaptor F54
	CoroTurn® SL	-Adaptor -Two heads -Carbide reinforced -Eliptical F47-F51	-Adaptor -Carbide reinforced F55-F56
	CoroTurn® SL quick change	-Adaptor F52	-Adaptor -Carbide reinforced F57

ENG

Conventional adaptors

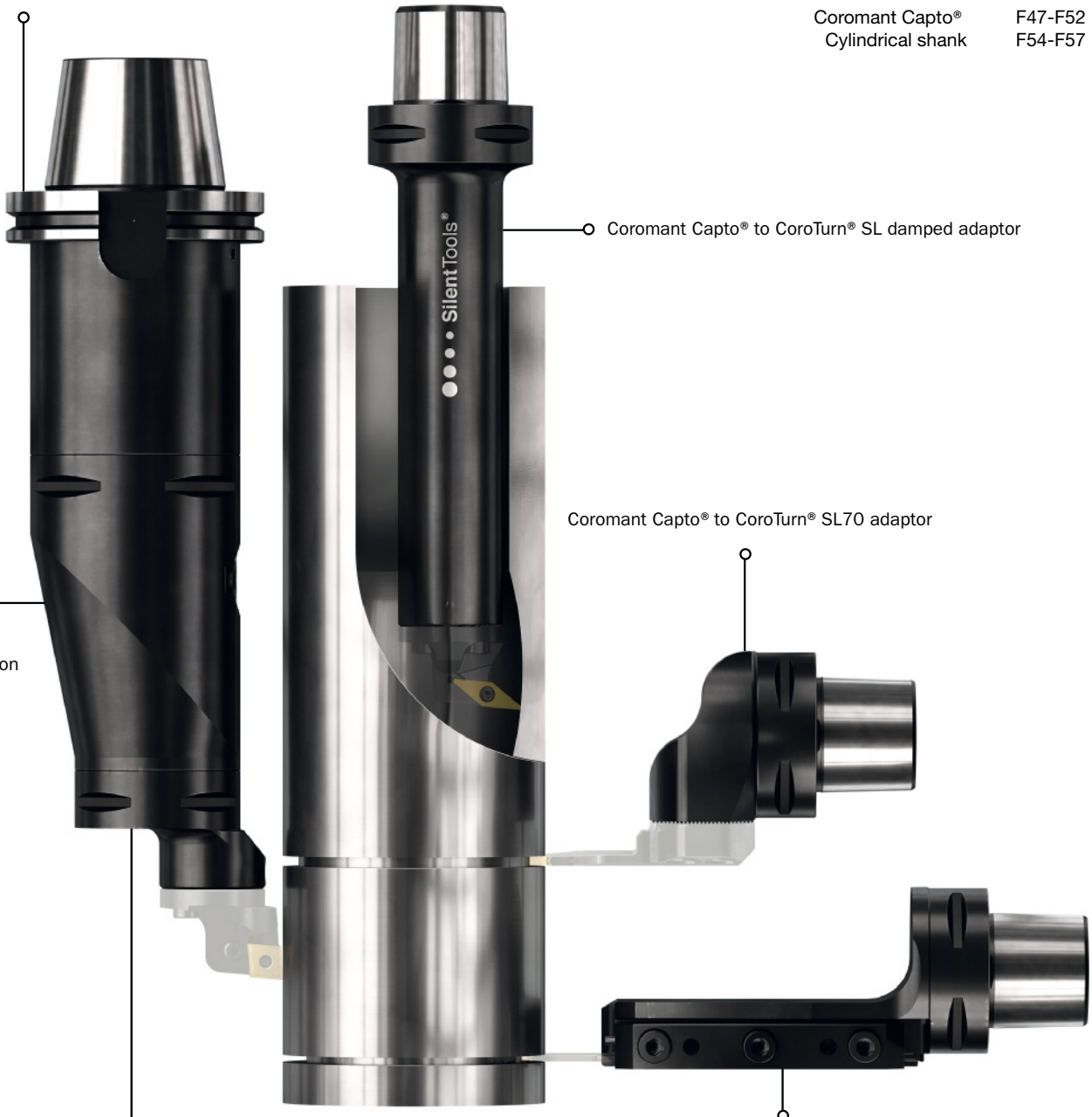
Coromant Capto®	F4-F22
HSK	F23-F27
Rectangular shank	F28-F31
Cylindrical shank	F32-F34
Cylindrical shank with flat	F35-F39
CoroTurn® SL	F40-F45
Bolt pattern	F45

Damped adaptors

F46

Coromant Capto®	F47-F52
Cylindrical shank	F54-F57

Conventional adaptor with quick change (see rotating tools catalogue)



Coromant Capto® to CoroTurn® SL damped adaptor

Coromant Capto® to CoroTurn® SL70 adaptor

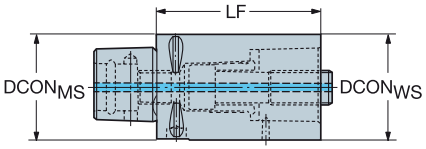
Coromant Capto® reduction adaptor with Quick change

Coromant Capto® to CoroTurn® SL adaptor

Coromant Capto® to blade adaptor

Coromant Capto® extension adaptor





CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LF	BAR	KG
C3	C3	3	1	C3-391.01-32 060A	32.0	32.0	60.0	80	0.36
	C3	3	1	C3-391.01-32 080A	32.0	32.0	80.0	80	0.47
	C3	3	1	C3-391.01-32 095	32.0	32.0	95.0	80	0.56
C4	C4	3	1	C4-391.01-40 060A	40.0	40.0	60.0	80	0.57
	C4	3	1	C4-391.01-40 080A	40.0	40.0	80.0	80	0.74
	C4	3	1	C4-391.01-40 120	40.0	40.0	120.0	80	1.11
C5	C5	3	1	C5-391.01-50 080A	50.0	50.0	80.0	80	1.15
	C5	3	1	C5-391.01-50 100A	50.0	50.0	100.0	80	1.48
	C5	3	1	C5-391.01-50 150	50.0	50.0	150.0	80	2.17
C6	C6	3	1	C6-391.01-63 100A	63.0	63.0	100.0	80	2.26
	C6	3	1	C6-391.01-63 140A	63.0	63.0	140.0	80	3.17
	C6	3	1	C6-391.01-63 185	63.0	63.0	185.0	80	4.19
C8	C8	3	1	C8-391.01-80 100A	80.0	80.0	100.0	80	3.70
	C8	3	1	C8-391.01-80 125A	80.0	80.0	125.0	80	4.64
	C8	3	1	C8-391.01-80 200	80.0	80.0	200.0	80	7.47
C10	C10	3	1	C10-391.01-100 140	100.0	100.0	140.0	80	7.93
	C10	3	1	C10-391.01-100 200	100.0	100.0	200.0	80	11.49

Short version, for segment clamping only

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LF	BAR	KG
C3	C3	3	1	C3-391.01-32 035	32.0	32.0	35.0	80	0.22
C4	C4	3	1	C4-391.01-40 040	40.0	40.0	40.0	80	0.40
C5	C5	3	1	C5-391.01-50 050	50.0	50.0	50.0	80	0.73
C6	C6	3	1	C6-391.01-63 060	63.0	63.0	60.0	80	1.36
C8	C8	3	1	C8-391.01-80 065	80.0	80.0	65.0	80	2.41

Short version, for segment clamping only

Polygon 180 degrees rotated

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LF	BAR	KG
C5	C5	3	1	C5-391.01R-50 050	50.0	50.0	50.0	80	0.74
C6	C6	3	1	C6-391.01R-63 060	63.0	63.0	60.0	80	1.36
C8	C8	3	1	C8-391.01R-80 065	80.0	80.0	65.0	80	2.40

For spare parts, visit www.sandvik.coromant.com

Note!

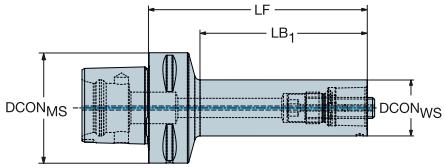
Not possible to use together with basic holders using centre bolt clamping.

G2 H36 H35 H5

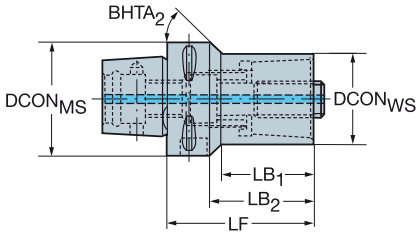
Coromant Capto® reduction adaptor

DSGN 2



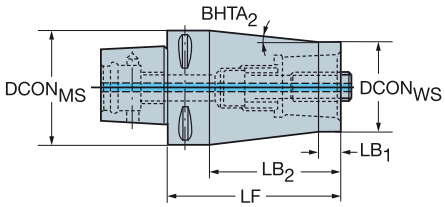


DSGN 7



						Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	BD_2	$BHTA_2$	BAR	KG
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
	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
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
	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
	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
	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
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
	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
	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
	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
	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
	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
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
	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
	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
	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
	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
	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
	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
	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
	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
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
	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
	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
	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
	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
	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
	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





					Dimensions, mm							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	$BHTA_2$	BAR	KG
C4	C3	3	1	C4-391.02-32 070A	40.0	32.0	70.0	12.0	50.0	6°	80	0.59
C5	C3	3	1	C5-391.02-32 150	50.0	32.0	150.0	5.0	128.2	8°	80	1.65
	C4	3	1	C5-391.02-40 085A	50.0	40.0	85.0	12.0	65.0	5°	80	1.10
C6	C3	3	1	C6-391.02-32 185	63.0	32.0	185.0	5.0	162.2	11°	80	2.99
	C4	3	1	C6-391.02-40 185	63.0	40.0	185.0	5.0	162.2	8°	80	3.23
	C5	3	1	C6-391.02-50 110A	63.0	50.0	110.0	12.0	88.0	5°	80	2.23
C8	C4	3	1	C8-391.02-40 200	80.0	40.0	200.0	5.0	169.2	13°	80	5.42
	C5	3	1	C8-391.02-50 200	80.0	50.0	200.0	5.0	169.2	10°	80	5.84

For spare parts, visit www.sandvik.coromant.com

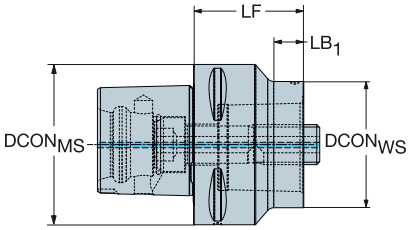
G2 H36 H35 H5

Coromant Capto® reduction adaptor

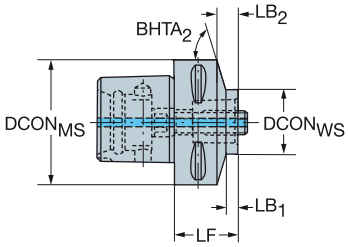
Short version, for segment clamping only



DSGN 2



7



						Dimensions, mm										
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	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
	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
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
	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
	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
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
	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
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
	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

Polygon 180 degrees rotated

						Dimensions, mm					
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	BAR	KG
C8	C6	3	1	2	C8-391.02R-63 055A	80.0	63.0	55.0	15.0	80	2.13

For spare parts, visit www.sandvik.coromant.com

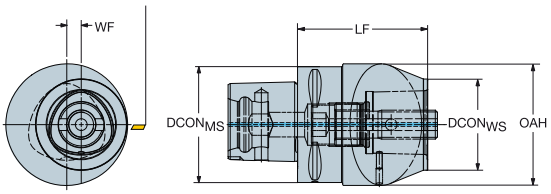
Note!

Not possible to use together with basic holders using centre bolt clamping.

G2 H36 H35 H5

Coromant Capto® offset reduction adaptor





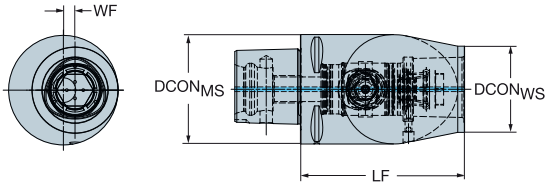
For segment clamping only

					Dimensions, mm						
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	DCON$_{MS}$	DCON$_{WS}$	LF	WF	OAH	BAR	KG
C8	C6	3	1	C8-391.02-63 090R/L	80.0	63.0	90.0	10.0	84.0	80	3.5
C10	C8	3	1	C10-391.02-80 080R/L	100.0	80.0	80.0	13.0	107.0	80	5.2

Not possible to use together with basic holders using centre bolt clamping.

Coromant Capto® offset reduction adaptor with Quick change

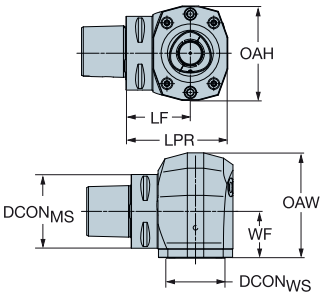




					Dimensions, mm					
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	DCON$_{MS}$	DCON$_{WS}$	LF	WF	BAR	KG
C6	C5	3	1	C6-QC-C5-100R07	63.0	50.0	100.0	6.5	150	2.1
C8	C6	3	1	C8-QC-C6-120R09	80.0	63.0	120.0	8.5	150	4.2
C10	C6	3	1	C10-QC-C6-125R19	100.0	63.0	125.0	18.5	150	6.2

Coromant Capto® 90° reduction adaptor





					Dimensions, mm										
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	OAW	OAH	RADW	BAR	KG
C5	C4	3	1	C5-R/L-C4-L-44035	50.0	40.0	68.0	44.0	35.0	79.0	66.0	35.0	200	1.7
		3	1	C5-R/L-C4-R-44035	50.0	40.0	68.0	44.0	35.0	79.0	66.0	35.0	200	1.7
C6	C5	3	1	C6-R/L-C5-L-55040	63.0	50.0	87.0	55.0	40.0	90.0	81.0	40.0	200	3.1
		3	1	C6-R/L-C5-R-55040	63.0	50.0	87.0	55.0	40.0	90.0	81.0	40.0	200	3.2
C8	C6	3	1	C8-R/L-C6-L-72050	80.0	63.0	106.0	69.0	50.0	109.0	104.5	50.0	200	6.2
		3	1	C8-R/L-C6-R-72050	80.0	63.0	106.0	69.0	50.0	109.0	104.5	50.0	200	6.2

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand


G2



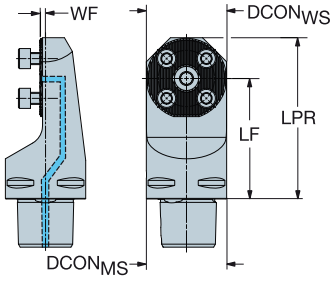
H36



H5

Coromant Capto® to CoroTurn® SL adaptor

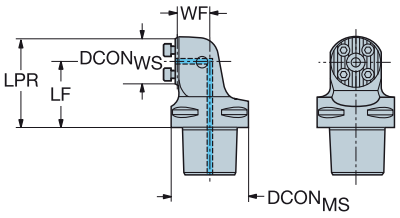




For face grooving

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LPR	LF	WF	BAR	KG
C4	32	3	1	C4-SL-32-60-R/LF	40.0	32.0	76.3	60.0	6.5	150	0.5
C5	32	3	1	C5-SL-32-75-R/LF	50.0	32.0	91.3	75.0	11.5	150	0.9
C6	32	3	1	C6-SL-32-90-R/LF	63.0	32.0	106.3	90.0	16.5	150	1.5
	40	3	1	C6-SL-40-90-R/LF	63.0	40.0	110.3	90.0	12.5	150	1.6





CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LPR	LF	WF	BAR	KG
C4	25	3	1	C4-570-25-R/LF	40.0	25.0	49.8	37.0	13.0	70	0.3
	32	3	1	C4-570-32-R/LF	40.0	32.0	59.8	43.5	13.0	70	0.5
	40	3	1	C4-570-40-R/LF	40.0	40.0	68.8	48.5	13.0	70	0.6
C5	25	3	1	C5-570-25-R/LF	50.0	25.0	48.8	36.0	21.0	70	0.5
	32	3	1	C5-570-32-R/LF	50.0	32.0	58.3	42.0	21.0	70	0.7
	40	3	1	C5-570-40-R/LF	50.0	40.0	66.3	46.0	21.0	70	0.9
C6	32	3	1	C6-570-32-R/LF	63.0	32.0	54.8	38.5	31.0	70	1.0
	40	3	1	C6-570-40-R/LF	63.0	40.0	62.8	42.5	31.0	70	1.2
C8	32	3	1	C8-570-32-R/LF	80.0	32.0	62.3	46.0	41.0	70	2.0
	40	3	1	C8-570-40-R/LF	80.0	40.0	70.3	50.0	41.0	70	2.3

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.

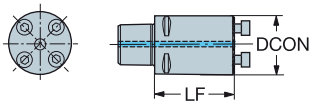
G2 H36 H5 H2

ENG

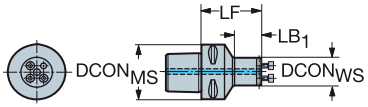
Coromant Capto® to CoroTurn® SL adaptor



DSGN 1

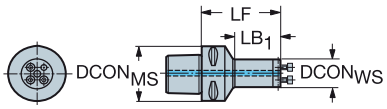


2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR	KG
C3	32	3	1	1	C3-570-32-NG	32.0	32.0	22.0	22.0	150	0.1
C4	32	3	1	2	C4-570-32-NG	40.0	32.0	8.0	32.0	150	0.3
	40	3	1	1	C4-570-40-NG	40.0	40.0	32.0	32.0	150	0.4
C5	40	3	1	2	C5-570-40-NG	50.0	40.0	17.0	42.0	150	0.7
C6	40	3	1	2	C6-570-40-NG	63.0	40.0	16.0	47.0	150	1.1





CZC$_{MS}$	CZC$_{WS}$	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR	KG
C3	20	50.0	3	1	C3-570-2C 20 050	32.0	20.0	32.0	50.0	70	0.2
	25	64.0	3	1	C3-570-2C 25 064	32.0	25.0	46.0	64.0	70	0.3
	32	37.0	3	1	C3-570-2C 32 037	32.0	32.0	37.0	37.0	70	0.2
		53.0	3	1	C3-570-2C 32 053	32.0	32.0	53.0	53.0	70	0.4
C4	16	48.0	3	1	C4-570-2C 16 048	40.0	16.0	23.0	48.0	70	0.3
	20	58.0	3	1	C4-570-2C 20 058	40.0	20.0	34.0	58.0	70	0.4
	25	64.0	3	1	C4-570-2C 25 064	40.0	25.0	42.0	64.0	70	0.4
	32	74.0	3	1	C4-570-2C 32 074	40.0	32.0	51.0	74.0	70	0.6
	40	53.0	3	1	C4-570-2C 40 053	40.0	40.0	40.0	53.0	70	0.6
		73.0	3	1	C4-570-2C 40 073	40.0	40.0	73.0	73.0	70	0.8
C5	16	52.0	3	1	C5-570-2C 16 052	50.0	16.0	28.0	52.0	70	0.5
	20	59.0	3	1	C5-570-2C 20 059	50.0	20.0	33.0	59.0	70	0.6
	25	67.0	3	1	C5-570-2C 25 067	50.0	25.0	41.0	67.0	70	0.6
	32	75.0	3	1	C5-570-2C 32 075	50.0	32.0	48.0	75.0	70	0.8
	40	94.0	3	1	C5-570-2C 40 094	50.0	40.0	72.0	94.0	70	1.2
C6	16	56.0	3	1	C6-570-2C 16 056	63.0	16.0	28.0	56.0	70	0.9
	20	68.0	3	1	C6-570-2C 20 068	63.0	20.0	40.0	67.0	70	1.0
	25	82.0	3	1	C6-570-2C 25 082	63.0	25.0	55.0	82.0	70	1.1
	32	81.0	3	1	C6-570-2C 32 081	63.0	32.0	51.0	81.0	70	1.2
	40	92.0	3	1	C6-570-2C 40 092	63.0	40.0	63.0	92.0	70	1.4
C8	40	105.0	3	1	C8-570-2C 40 105	80.0	40.0	73.0	105.0	70	2.6

For spare parts, visit www.sandvik.coromant.com


G2



H36



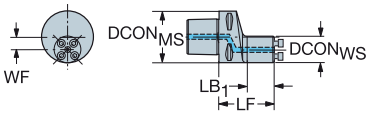
H5


H2

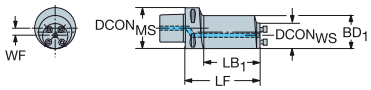
Coromant Capto® to CoroTurn® SL adaptor

Cx-570-2C..R/L



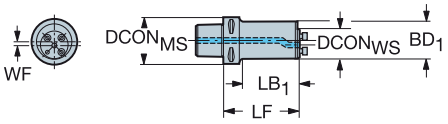


Cx-570-2C..R/L40



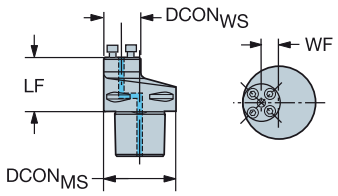
CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm DCON MS	DCON WS	BD1	LB1	LF	WF	BAR	KG
C4	16	3	1	C4-570-2C 16 041R/L	40.0	16.0	16.0	12.0	41.0	12.0	70	0.3
	20	3	1	C4-570-2C 20 047R/L	40.0	20.0	20.0	20.0	47.0	10.0	70	0.3
	25	3	1	C4-570-2C 25 051R/L	40.0	25.0	25.0	25.0	51.0	7.5	70	0.4
	32	3	1	C4-570-2C 32 056R/L	40.0	32.0	32.0	32.0	56.0	4.0	70	0.5
C5	20	3	1	C5-570-2C 20 050R	50.0	20.0	20.0	20.0	50.0	15.0	70	0.5
	25	3	1	C5-570-2C 25 054R/L	50.0	25.0	25.0	25.0	54.0	12.5	70	0.6
	32	3	1	C5-570-2C 32 061R/L	50.0	32.0	32.0	32.0	61.0	9.0	70	0.8
	40	3	1	C5-570-2C 40 075R/L	50.0	40.0	40.0	48.0	75.0	5.0	70	1.0
C6	25	3	1	C6-570-2C 25 056R/L	63.0	25.0	25.0	25.0	56.0	19.0	70	0.9
	32	3	1	C6-570-2C 32 066R/L	63.0	32.0	32.0	32.0	66.0	15.5	70	1.1
	40	3	1	C6-570-2C 40 080R/L	63.0	40.0	40.0	48.0	80.0	11.5	70	1.4
		3	1	C6-570-2C 50 097R/L40	63.0	40.0	50.0	68.0	97.0	12.0	70	1.9
		3	1	C6-570-2C 60 112R/L40	63.0	40.0	60.0	88.0	112.0	10.0	70	2.7
C8	40	3	1	C8-570-2C 40 081R/L	80.0	40.0	40.0	81.0	81.0	20.0	70	2.1
		3	1	C8-570-2C 50 102R/L40	80.0	40.0	50.0	68.0	102.0	20.0	70	2.7
		3	1	C8-570-2C 60 119R/L40	80.0	40.0	60.0	88.0	119.0	20.0	70	3.6





CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm DCON MS	DCON WS	BD1	LB1	LF	WF	BAR	KG
C5	40	3	1	C5-570-2C 50 073-40R/L	50.0	40.0	50.0	73.0	73.0	5.0	70	1.2
		3	1	C5-570-2C 50 098-40R/L	50.0	40.0	50.0	98.0	98.0	5.0	70	1.6
C6	40	3	1	C6-570-2C 50 124-40R/L	63.0	40.0	50.0	98.0	124.0	5.0	70	2.3
		3	1	C6-570-2C 60 148-40R/L	63.0	40.0	60.0	123.0	148.0	10.0	70	3.5
C8	40	3	1	C8-570-2C 50 125-40R/L	80.0	40.0	50.0	96.0	125.0	5.0	70	3.0
		3	1	C8-570-2C 60 150-40R/L	80.0	40.0	60.0	123.0	150.0	10.0	70	4.3





CZC MS	CZC WS	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON MS	DCON WS	LF	WF	BAR	KG
C5	32	42.0	3	1	C5-570-32-R/LG	50.0	32.0	42.0	9.0	150	0.6
	40	40.0	3	1	C5-570-40-R/LG	50.0	40.0	40.0	11.0	150	0.6
C6	32	47.0	3	1	C6-570-32-R/LG	63.0	32.0	47.0	15.5	150	1.0
	40	40.0	3	1	C6-570-40-R/LG	63.0	40.0	45.0	21.0	150	1.0
C8	32	62.0	3	1	C8-570-32-R/LG	80.0	32.0	62.0	24.0	150	2.0
	40	62.0	3	1	C8-570-40-R/LG	80.0	40.0	62.0	40.0	150	2.1
C10	40	78.0	3	1	C10-570-40-R/LG	100.0	40.0	78.0	30.0	150	4.1

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

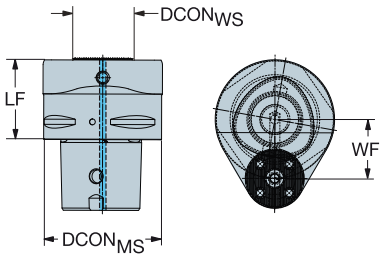
G2 H36 H5 H2

ENG

Coromant Capto® to CoroTurn® SL adaptor

Machine specific design





Mazak

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	BAR	KG
C8	40	3	1	C8-570-40-LG-040-MZ	80.0	40.0	55.0	40.0	150	2.7

Mori Seiki - NT6600

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	BAR	KG
C8	40	3	1	C8-570-40-RG-040-MS	80.0	40.0	55.0	40.0	150	2.8

Adapted for vertical turning lathes

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	BAR	KG
C6	40	3	1	C6-570-40-RG-045	63.0	40.0	62.0	45.0	150	1.8

Okuma Multus B750
WFL M100, M120, M150

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	BAR	KG
C8	40	3	1	C8-570-40-LG-040	80.0	40.0	55.0	40.0	150	2.7

For spare parts, visit www.sandvik.coromant.com

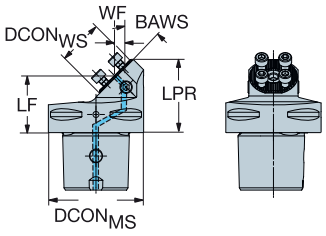
R = Right hand, L = Left hand

G2 H36 H5 H2

Coromant Capto® to CoroTurn® SL adaptor

BAWS 45°

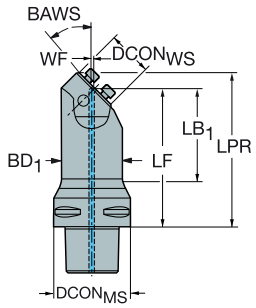




CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LPR	LF	WF	BAR	KG
C5	32	3	1	C5-570-32-R/LX-045	50.0	32.0	45.0	34.0	6.0	70	0.5
C6	32	3	1	C6-570-32-R/LX-045	63.0	32.0	48.0	37.5	12.5	70	0.9
	40	3	1	C6-570-40-R/LX-045-060	63.0	40.0	74.0	60.0	14.5	150	1.2

BAWS 45°





CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	BD1	LB1	LPR	LF	WF	BAR	KG
C5	32	3	1	C5-570-32-RX-045-L1	50.0	32.0	40.0	70.0	101.0	90.0	2.0	70	1.1
C6	32	3	1	C6-570-32-RX-045-L1	63.0	32.0	45.0	68.0	111.0	100.0	2.0	70	1.7
	40	3	1	C6-570-40-RX-045-L1	63.0	40.0	45.0	71.0	114.0	100.0	5.0	70	1.8
C8	40	3	1	C8-570-40-RX-045-L1	80.0	40.0	50.0	74.0	149.0	135.0	5.0	70	3.6

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.

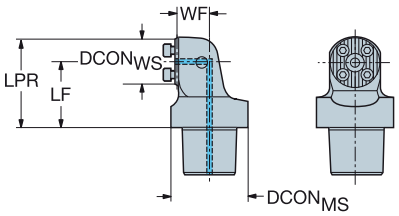
G2 H36 H5 H2

ENG

Coromant Capto® to CoroTurn® SL adaptor

Short version, for segment clamping only

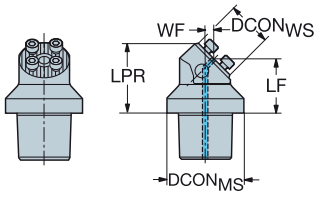




					Dimensions, mm						
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	BAR	KG
C3	25	3	1	**C3-570-25-R/LF-T**	32.0	25.0	36.3	23.5	17.0	70	0.2
	32	3	1	**C3-570-32-R/LF-T**	32.0	32.0	43.3	27.0	17.0	70	0.3
C4	32	3	1	**C4-570-32-R/LF-T**	40.0	32.0	43.3	27.0	20.0	70	0.4
	40	3	1	**C4-570-40-R/LF-T**	40.0	40.0	51.3	31.0	20.0	70	0.5
C5	32	3	1	**C5-570-32-R/LF-T**	50.0	32.0	43.3	27.0	27.0	70	0.5
	40	3	1	**C5-570-40-R/LF-T**	50.0	40.0	51.3	31.0	27.0	70	0.7

BAWS 45°





					Dimensions, mm						
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	BAR	KG
C4	32	3	1	**C4-570-32-R/LX-045-T**	40.0	32.0	33.0	22.0	1.0	70	0.3

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

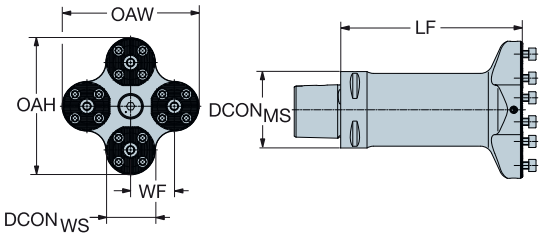
To correspond with coupling size, CZC_{WS} for respective CoroCut® SL and T-Max Q-Cut® SL heads. Right 0° fits left hand heads, right 45° fits right hand heads. Left and right 90° fit both left and right hand heads. Neutral 90° fits both left and right hand heads.

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 H36 H5 H2

Coromant Capto® mini-turret for four CoroTurn® SL heads

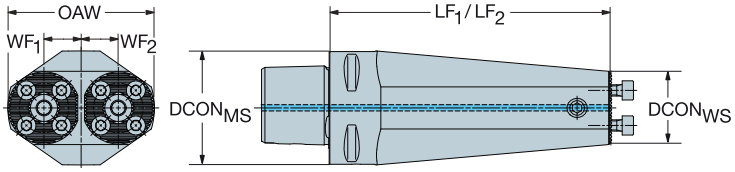




CZC$_{MS}$	CZC$_{WS}$	CNSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	OAW	OAH	BAR	KG
C6	40	3	C6-4-SL40 113 150-AX	63.0	40.0	150.0	36.0	113.0	113.0	150	4.4
C8	40	3	C8-4-SL40 113 180-AX	80.0	40.0	180.0	36.0	113.0	113.0	150	6.1

Boring bar for two CoroTurn® SL heads





CZC$_{MS}$	CZC$_{WS}$	CNSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	OAW	DIX	BAR	KG
C6	32	3	C6-SL-2C65 150-32-2	63.0	32.0	150.0	16.5	65.0	65	70	3.5
C8	40	3	C8-SL-2C81 180-40-2	80.0	40.0	180.0	20.5	81.0	81	70	6.9

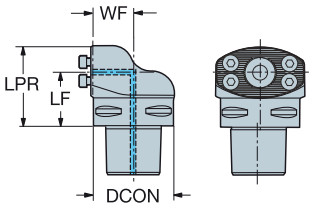
For spare parts, visit www.sandvik.coromant.com

G2 H36 H5 H2

ENG

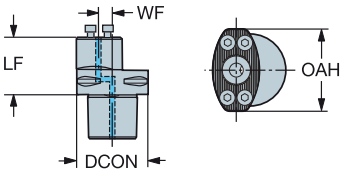
Coromant Capto® to CoroTurn® SL70 adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	BAR	KG
C5	70	3	1	C5-SL70-R/LF-043	50.0	63.3	43.0	33.0	150	1.4
C6	70	3	1	C6-SL70-R/LF-043	63.0	63.2	43.0	33.0	150	1.7
C8	70	3	1	C8-SL70-R/LF-051	80.0	71.3	51.0	41.5	150	3.2
C10	70	3	1	C10-SL70-R/LF-070	100.0	90.2	70.0	51.5	150	6.2





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	OAW	OAH	BAR	KG
C5	70	3	1	C5-SL70-R/LG-050	50.0	50.0	11.5	56.8	70.5	150	1.0
C6	70	3	1	C6-SL70-R/LG-050	63.0	50.0	11.5	63.0	70.5	150	1.3
C8	70	3	1	C8-SL70-R/LG-090	80.0	90.0	35.0	95.0	70.5	150	3.1
C10	70	3	1	C10-SL70-R/LG-100	100.0	100.0	48.0	118.0	70.5	150	5.2

For spare parts, visit www.sandvik.coromant.com

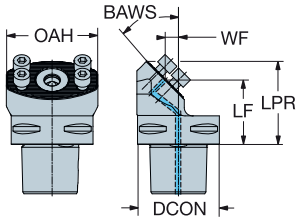
R = Right hand, L = Left hand

G2 H36 H5 H2

Coromant Capto® to CoroTurn® SL70 adaptor

BAWS 45°

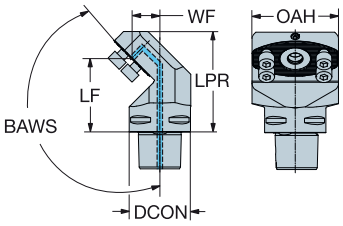




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	OAH	BAR	KG
C5	70	3	1	C5-SL70-R/LX-045-050M	50.0	65.0	50.0	6.0	70.5	150	0.9
C6	70	3	1	C6-SL70-R/LX-045-050M	63.0	64.0	50.0	10.0	70.5	150	1.3
		3	1	C6-SL70-RX-045-100	63.0	113.0	100.0	5.0	70.5	150	2.6
C8	70	3	1	C8-SL70-R/LX-045-090M	80.0	104.0	90.0	18.0	80.0	150	3.4

BAWS 135°

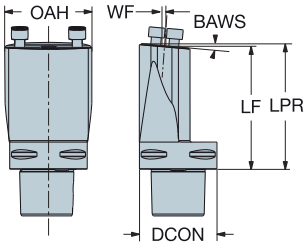




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	OAH	BAR	KG
C5	70	3	1	C5-SL70-R/LX-135-060	50.0	82.0	60.0	23.0	70.5	150	1.6

BAWS 5°





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	OAH	BAR	KG
C6	70	3	1	C6-SL70-RX-005-100	63.0	102.0	100.0	11.0	70.5	150	2.1

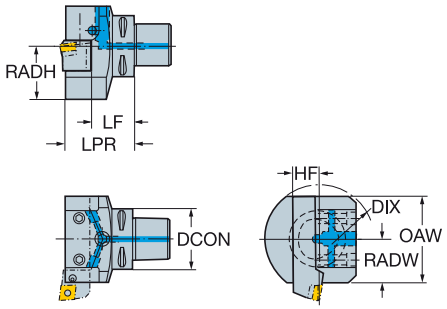
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

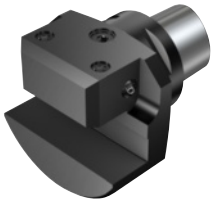
G2 H36 H5 H2

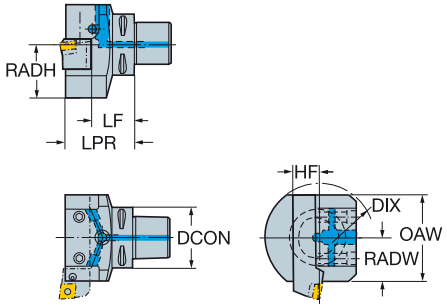
Coromant Capto® to rectangular shank adaptor





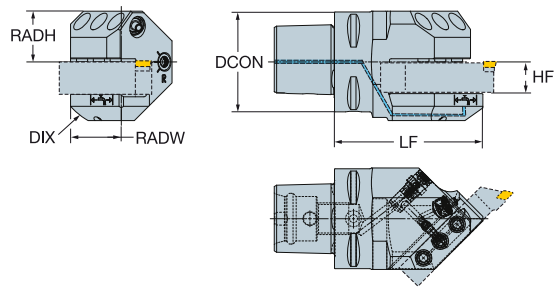
					Dimensions, mm											
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	DCON	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
C5	20 x 20	3	6	C5-ASHA-065-20HP	50.0	65.0	45.0	32.0	20.0	64.0	69.0	37.0	32.0	85	150	1.4
C6	20 x 20	3	6	C6-ASHA-070-20HP	63.0	70.0	50.0	32.0	20.0	64.0	69.0	37.0	32.0	85	150	1.8
	25 x 25	3	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





					Dimensions, mm											
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	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





					Dimensions, mm									
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	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

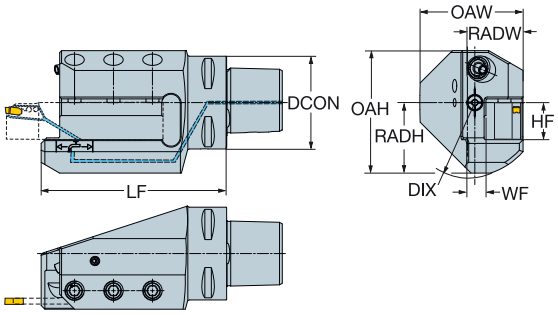
For spare parts, visit www.sandvik.coromant.com

N = Neutral

G2 H36 H5

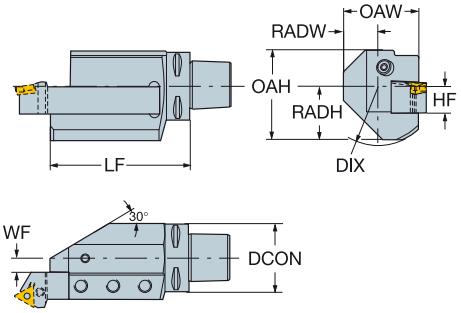
Coromant Capto® to rectangular shank adaptor





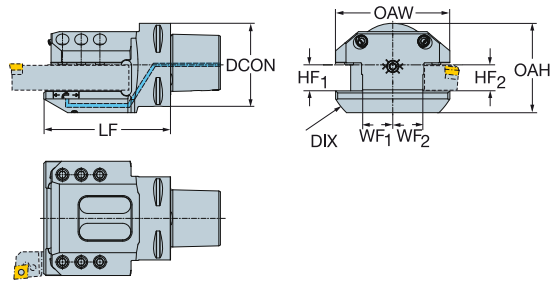
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
C5	20 x 20	3	5	C5-ASHR/L-095-20HP	50.0	95.0	10.0	20.0	55.5	69.0	37.0	30.0	85	150	1.6
C6	20 x 20	3	6	C6-ASHR/L-105-20HP	63.0	105.0	10.0	20.0	63.5	69.0	37.0	30.0	85	150	2.3
	25 x 25	3	6	C6-ASHR/L-122-25HP	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





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm 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





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

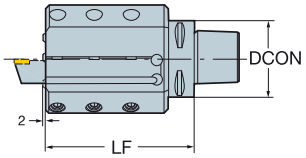
R = Right hand, L = Left hand

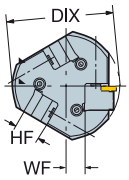
G2 H36 H5

ENG

Coromant Capto® mini-turret for three rectangular shank tools







				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

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand


G2



H36

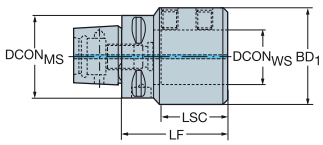


H5

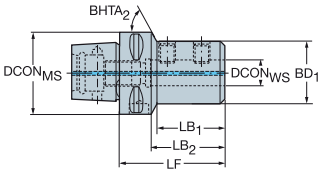
Coromant Capto® to cylindrical shank adaptor



DSGN 1



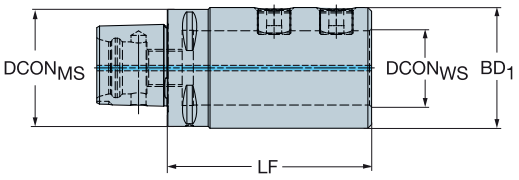
DSGN 7



Cylindrical shank with flat according to ISO 9766

						Dimensions, mm											
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	BD_1	BD_2	$BHTA_2$	BAR	KG	RPMX
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	20000
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	17000
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	14000
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	





Adaptor for long easy fix sleeves for Silent Tools

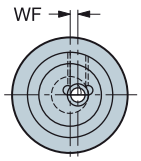
					Dimensions, mm					
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	BD_1	LF	BAR	KG
C6	40	3	1	C6-131-00110-40	63.0	40.0	80.0	110.0	80	2.1

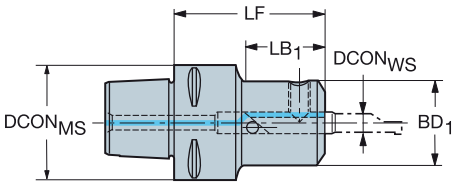
For spare parts, visit www.sandvik.coromant.com

G2 H36 H5

Coromant Capto® to CoroTurn® XS adaptor







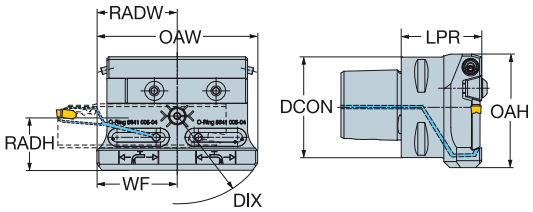
					Dimensions, mm						BAR	KG
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	BD_1	LB_1	LF	WF		
C3	4	3	1	**C3-CXS-42-04**	32.0	4.0	21.0	22.0	42.0	1.1	10	0.2
	5	3	1	**C3-CXS-42-05**	32.0	5.0	22.0	22.0	42.0	1.3	10	0.2
	6	3	1	**C3-CXS-42-06**	32.0	6.0	23.5	22.0	42.0	2.0	10	0.2
	7	3	1	**C3-CXS-42-07**	32.0	7.0	25.0	22.0	42.0	2.9	10	0.2
	10	3	1	**C3-CXS-42-10**	32.0	10.0	21.0	27.0	42.0	0.0	10	0.2
C4	4	3	1	**C4-CXS-47-04**	40.0	4.0	21.0	22.0	47.0	1.1	10	0.3
	5	3	1	**C4-CXS-47-05**	40.0	5.0	22.0	22.0	47.0	1.3	10	0.3
	6	3	1	**C4-CXS-47-06**	40.0	6.0	23.5	22.0	47.0	2.0	10	0.3
	7	3	1	**C4-CXS-47-07**	40.0	7.0	25.0	22.0	47.0	2.9	10	0.3
	8	3	1	**C4-CXS-47-08**	40.0	8.0	22.0	27.0	47.0	0.0	10	0.3
	10	3	1	**C4-CXS-47-10**	40.0	10.0	22.0	27.0	47.0	0.0	10	0.3
C5	4	3	1	**C5-CXS-49-04**	50.0	4.0	21.0	22.0	49.0	1.1	10	0.6
	5	3	1	**C5-CXS-49-05**	50.0	5.0	22.0	22.0	49.0	1.3	10	0.5
	6	3	1	**C5-CXS-49-06**	50.0	6.0	23.5	22.0	49.0	2.0	10	0.5
	7	3	1	**C5-CXS-49-07**	50.0	7.0	25.0	22.0	49.0	2.9	10	0.6
C6	4	3	1	**C6-CXS-95-04**	63.0	4.0	21.0	22.0	95.0	1.1	10	1.4
	5	3	1	**C6-CXS-95-05**	63.0	5.0	22.0	22.0	95.0	1.3	10	1.4
	6	3	1	**C6-CXS-95-06**	63.0	6.0	23.5	22.0	95.0	2.0	10	1.5
	7	3	1	**C6-CXS-95-07**	63.0	7.0	25.0	22.0	95.0	2.9	10	1.5

For spare parts, visit www.sandvik.coromant.com

G2 H36 H5 B99

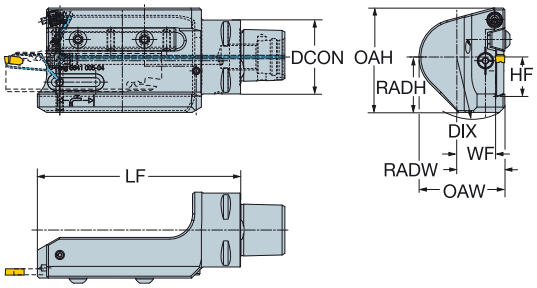
Coromant Capto® to blade adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
C5	21	3	6	C5-APBA-040-21HP	50.0	40.0	35.0	40.0	21.0	80.0	56.5	30.0	40.0	96	70	0.8
C6	25	3	6	C6-APBA-050-25HP	63.0	50.0	45.0	41.0	25.0	82.0	69.0	37.0	41.0	103	70	1.5
C8	25	3	6	C8-APBA-050-25HP	80.0	50.0	45.0	41.0	25.0	82.0	80.0	37.0	41.0	103	70	2.3





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	CNT	BAR	KG
C4	21L	3	6	C4-APBL-122-21HP	40.0	122.0	21.0	21.0	46.5	48.5	32.0	26.0	75	M14x1.5	70	1.0
	21R	3	6	C4-APBR-122-21HP	40.0	122.0	21.0	21.0	46.5	48.5	32.0	26.0	75	M14x1.5	70	1.0
C5	21L	3	6	C5-APBL-122-21HP	50.0	122.0	26.0	21.0	56.5	48.5	32.0	31.0	85	M16x1.5	70	1.3
	21R	3	6	C5-APBR-122-21HP	50.0	122.0	26.0	21.0	56.5	48.5	32.0	31.0	85	M16x1.5	70	1.3
C6	25L	3	6	C6-APBL-160-25HP	63.0	160.0	32.0	25.0	69.0	69.0	37.0	37.0	100	M20x2	70	2.4
	25R	3	6	C6-APBR-160-25HP	63.0	160.0	32.0	25.0	69.0	69.0	37.0	37.0	100	M20x2	70	2.4
C8	25L	3	6	C8-APBL-160-25HP	80.0	160.0	40.5	25.0	86.0	81.0	37.0	45.5	111	M20x2	70	3.3
	25R	3	6	C8-APBR-160-25HP	80.0	160.0	40.5	25.0	86.0	81.0	37.0	45.5	111	M20x2	70	3.3
	45L	3	6	C8-APBL-235-45HP	80.0	235.0	40.5	45.0	98.5	102.5	62.0	48.0	144	M20x2	70	6.5
	45R	3	6	C8-APBR-235-45HP	80.0	235.0	40.5	45.0	98.5	102.5	62.0	48.0	144	M20x2	70	6.5
C10	45L	3	6	C10-APBL-240-45HP	100.0	240.0	52.5	45.0	110.5	112.5	62.0	60.0	158	M24x2	70	9.2
	45R	3	6	C10-APBR-240-45HP	100.0	240.0	52.5	45.0	110.5	112.5	62.0	60.0	158	M24x2	70	9.2

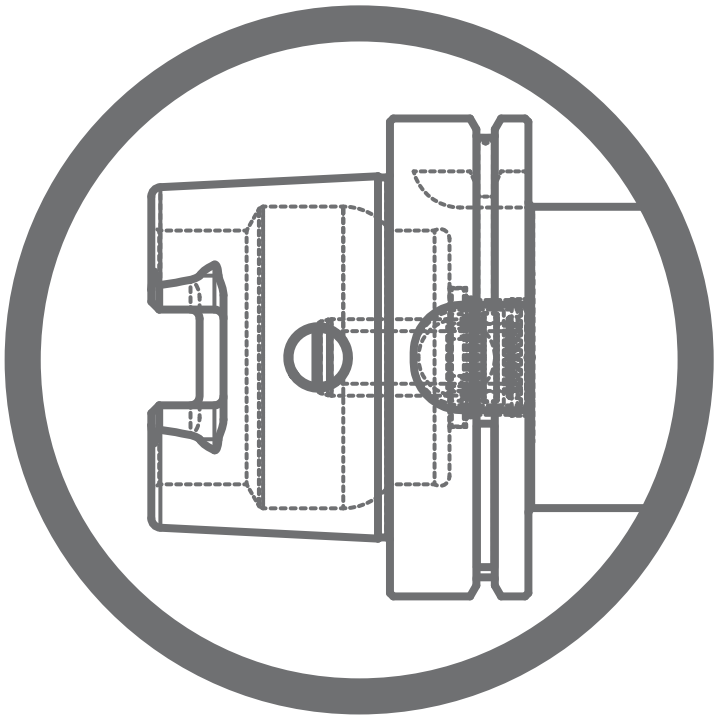
For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G2 H36 H5

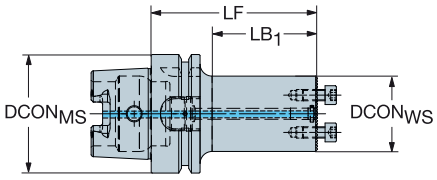
ENG

Machine side interface HSK



HSK to CoroTurn® SL adaptor



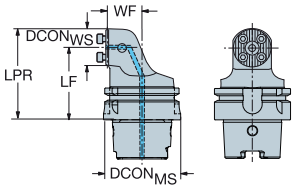


CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LB1	LF	BAR	KG
63	40	1	1	392.T63-2C 40 088	63.0	40.0	55.7	88.0	70	1.3

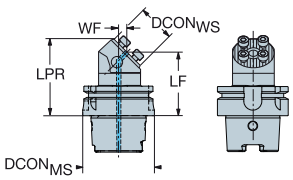


BAWS

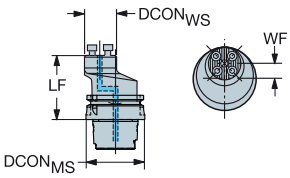
90°



45°



0°



BAWS 90°

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LPR	LF	WF	BAR	KG
63	32	1	1	392.T63SL-32RF	63.0	32.0	76.0	60.0	31.0	70	1.1
	40	1	1	392.T63SL-40RF	63.0	40.0	85.3	65.0	31.0	70	1.4
100	40	1	1	392.T100SL-40RF	100.0	40.0	90.3	70.0	51.5	70	3.5

BAWS 45°

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LPR	LF	WF	BAR	KG
63	32	1	1	392.T63SL-32RX-045	63.0	32.0	66.0	55.0	5.0	70	0.9
	40	1	1	392.T63SL-40RX-045	63.0	40.0	74.0	60.0	5.0	70	1.1

BAWS 0°

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LF	WF	BAR	KG
63	32	1	1	392.T63SL-32RG	63.0	32.0	67.0	15.5	150	1.0
	40	1	1	392.T63SL-40RG	63.0	40.0	67.0	11.5	150	1.2
100	40	1	1	392.T100SL-40RG	100.0	40.0	78.0	30.0	70	3.1

For spare parts, visit www.sandvik.coromant.com

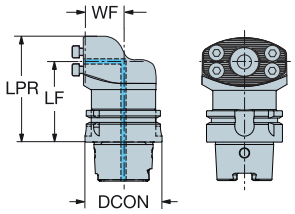
R = Right hand

G2 H36 H5 H2

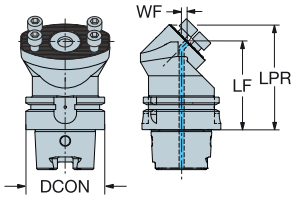
HSK to CoroTurn® SL70 adaptor



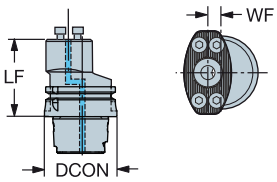
BAWS 90°



45°



0°



BAWS 90°

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	OAW	BAR	KG
63	70	1	1	392.T63SL70RF	63.0	87.3	67.0	33.0	70.0	150	1.9
100	70	1	1	392.T100SL70RF	100.0	90.3	70.0	51.5	100.0	150	4.5

BAWS 45°

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	OAW	BAR	KG
63	70	1	1	392.T63SL70RX-045	63.0	84.0	70.0	5.0	70.0	150	1.5
100	70	1	1	392.T100SL70RX-045	100.0	105.0	90.0	5.0	100.0	150	3.7

BAWS 0°

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	BAR	KG
63	70	1	1	392.T63SL70RG	63.0	70.0	11.5	150	1.4
100	70	1	1	392.T100-SL70RG	100.0	110.0	48.0	150	4.6

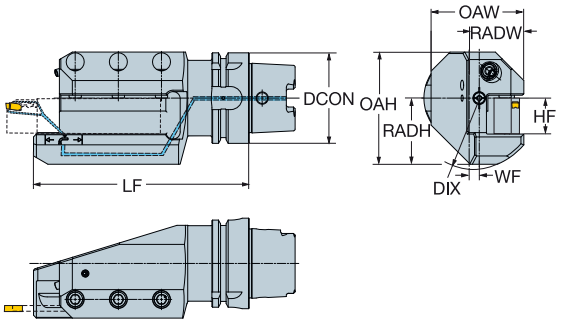
For spare parts, visit www.sandvik.coromant.com

R = Right hand

G2 H36 H5 H2

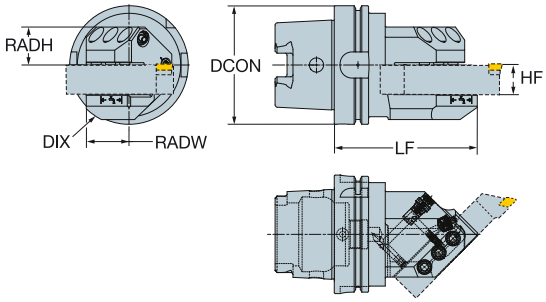
HSK to rectangular shank adaptor





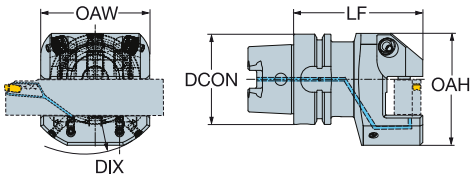
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
63	25 x 25	3	6	HT06-ASHR/L-132-25HP	63.0	132.0	13.0	25.0	69.5	78.0	46.0	38.0	100	150	3.1
100	25 x 25	3	6	HT10-ASHR/L-132-25HP	100.0	132.0	15.0	25.0	99.9	99.9	46.0	40.0	103	150	4.7





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	HF	OAW	OAH	RADH	RADW	DIX	BAR	KG
100	25 x 25	3	6	HT10-ASHR/L45-122-25HP	100.0	122.0	25.0	99.9	99.9	46.0	36.0	103	150	4.3





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

For spare parts, visit www.sandvik.coromant.com

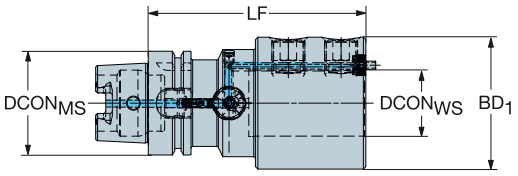
R = Right hand, L = Left hand

G2 H36 H5

ENG

HSK to cylindrical shank adaptor

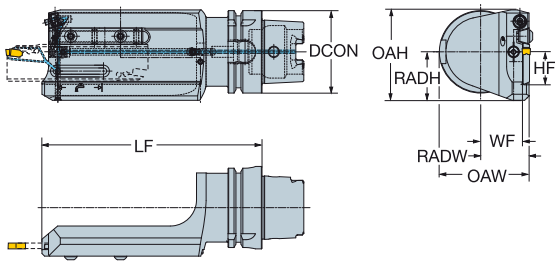




					Dimensions, mm					
									BAR	KG
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	BD_1	LF		
63	25	1	7	**392.T63-131-124-25**	63.0	25.0	63.0	124.0	80	2.6
	40	1	7	**392.T63-131-132-40**	63.0	40.0	80.0	132.0	80	3.3

HSK to blade adaptor





					Dimensions, mm											
															BAR	KG
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	DCON	LF	WF	HF	OAW	OAH	RADH	RADW	DIX			
63	25L	3	6	**HT06-APBL-175-25HP**	63.0	175.0	32.0	25.0	69.0	69.0	37.0	37.0	100		70	2.5
	25R	3	6	**HT06-APBR-175-25HP**	63.0	175.0	32.0	25.0	69.0	69.0	37.0	37.0	100		70	2.5

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand


G2

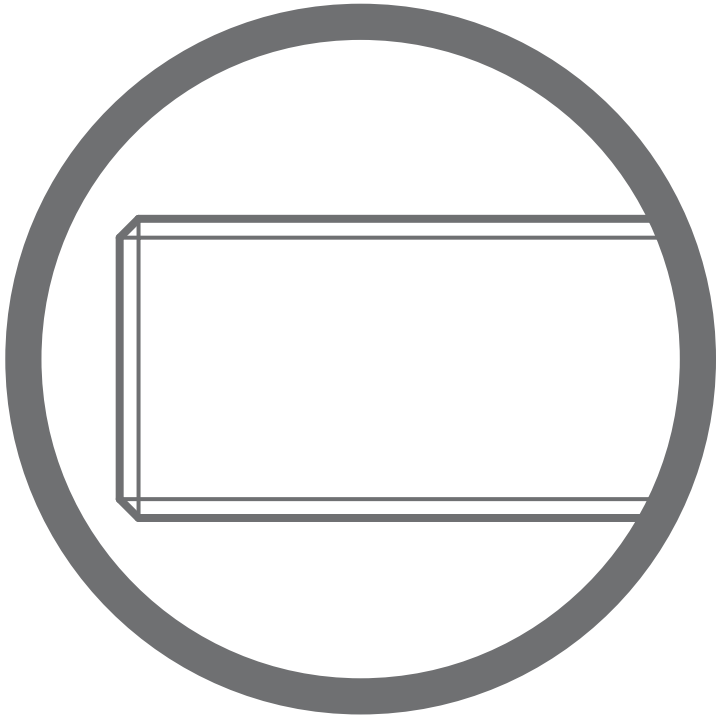


H36



H5

Machine side interface Rectangular shank

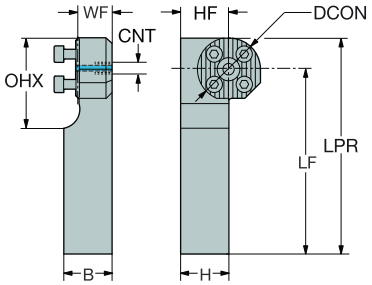


ENG

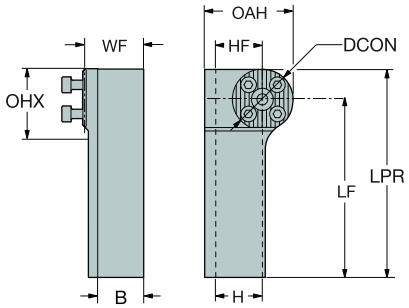
Rectangular shank to CoroTurn® SL adaptor



570-xxR/LF



570-xxR/LF-J/N



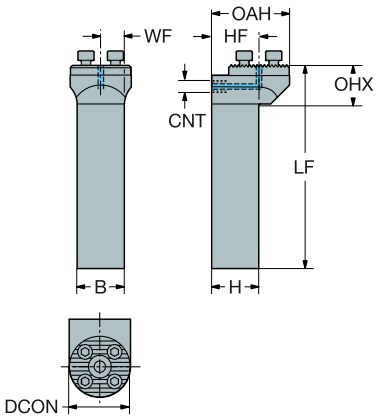
						Dimensions, mm										
CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	Ordering code	DCON	B	H	LPR	LF	WF	HF	OAH	CNT	BAR	KG
20 x 20	32	29.0	2	1	570-32R/LF-2020	32.0	20.0	20.0	113.7	97.7	18.0	20.0		G1/8"	70	0.4
25 x 25	32	32.0	2	1	570-32R/LF-2525	32.0	25.0	25.0	131.7	115.7	18.0	25.0		G1/8"	70	0.6
		25.0	0	0	570-32R/LF-2525N	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

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

J or N in code = reinforced adaptor with increased support areas. No coolant through possible.





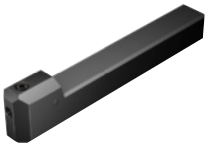
						Dimensions, mm									
CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	Ordering code	DCON	B	H	LF	WF	HF	OAH	CNT	BAR	KG
20 x 20	25	21.0	1	1	570-25NG-2020	25.0	20.0	20.0	111.0	10.0	20.0	32.6	G1/8	80	0.4
	32	21.0	1	1	570-32NG-2020	32.0	20.0	20.0	103.0	10.0	20.0	36.2	G1/8	80	0.4
25 x 25	25	21.0	1	1	570-25NG-2525	25.0	25.0	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

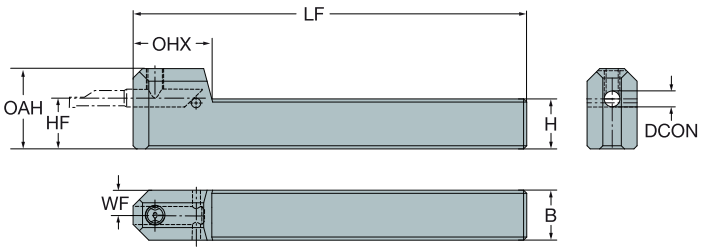
For spare parts, visit www.sandvik.coromant.com

N = Neutral

H36 H5 H2

Rectangular shank to CoroTurn® XS adaptor





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

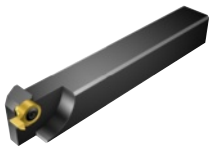
For spare parts, visit www.sandvik.coromant.com

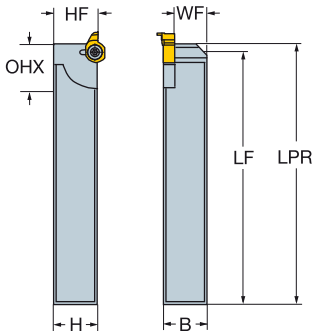
N = Neutral

H36 H5 B99

ENG

Rectangular shank to CoroCut® MB adaptor





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

General minimum hole depends on insert; see respective insert ordering page.

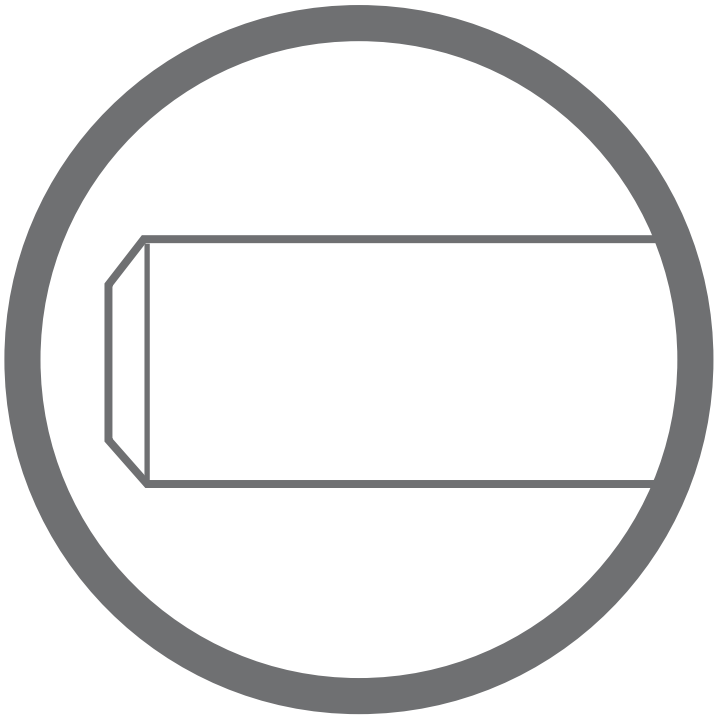
R = Right hand, L = Left hand

Note: Right hand tools use left hand inserts and vice versa.

For spare parts, visit www.sandvik.coromant.com

H36 H5 B106

Machine side interface Cylindrical shank

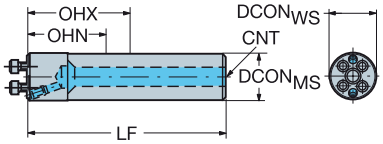


ENG

Cylindrical shank to CoroTurn® SL solid carbide adaptor

With groove for EasyFix sleeve





							Dimensions, mm				
CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	BAR	KG
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

For spare parts, visit www.sandvik.coromant.com

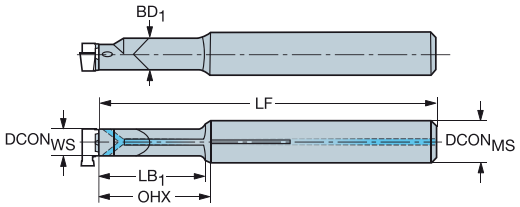
H36 H5 H2

Cylindrical shank to CoroCut® MB adaptor

With groove for EasyFix sleeve

Carbide shank





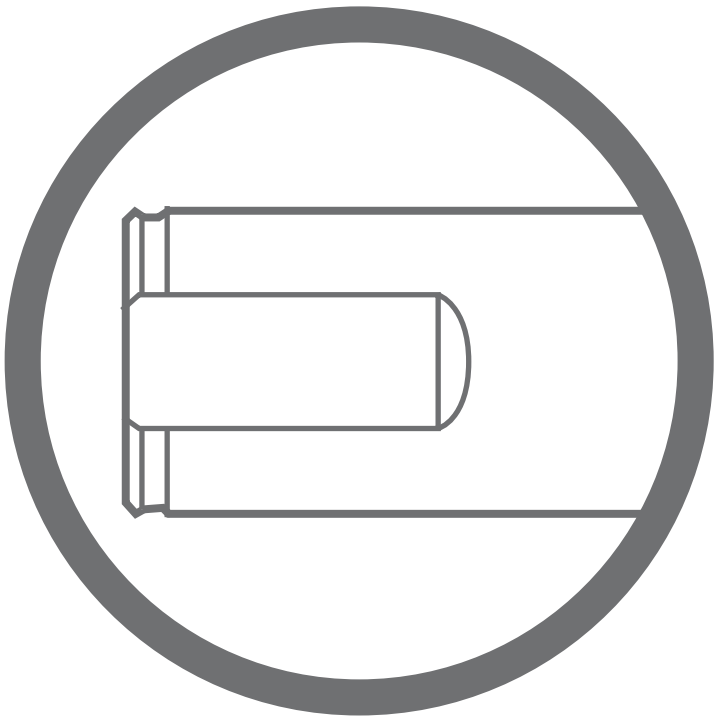
						Dimensions, mm						
CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	BD_1	LB_1	LF	BAR	KG
12	07	24.0	1	1	MB-E12-24-07R	12.0	7.0	7.4	20.1	88.1	10	0.1
		32.0	1	1	MB-E12-32-07R	12.0	7.0	7.4	28.1	96.1	10	0.1
		48.0	1	1	MB-E12-48-07R	12.0	7.0	7.4	44.1	111.1	10	0.1
		64.0	1	3	MB-E12-64-07R	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

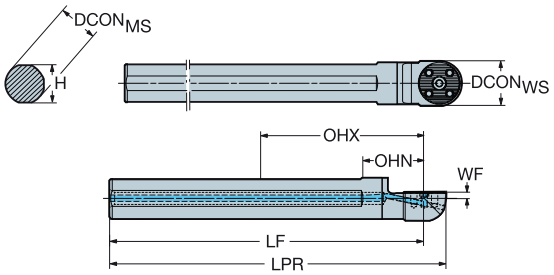
H36 H5 B106

Machine side interface Cylindrical shank with flat



Cylindrical shank with flat to CoroTurn® SL adaptor

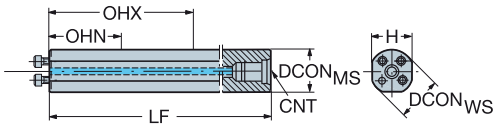




Boring bars for face grooving

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	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





CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	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

For spare parts, visit www.sandvik.coromant.com

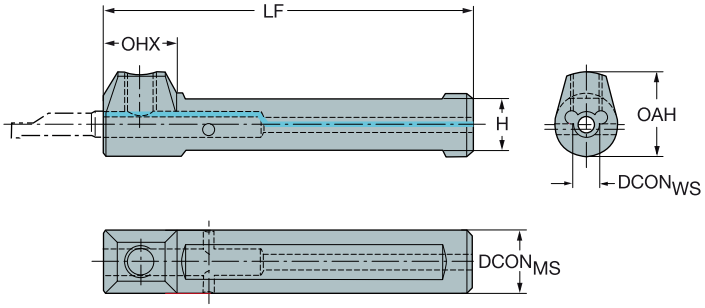
H36 H5 H2

ENG

Cylindrical shank with flat to CoroTurn® XS adaptor

Cylindrical with two flats

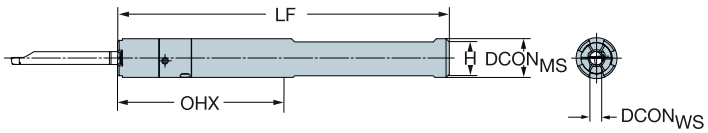




Steel shank

CZCMS	CZCWS	OHN	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	H	LF	OAH	BAR	KG
10	4	14.0	1	1	CXS-A10-04	10.0	4.0	8.0	65.0	14.5	10	0.0
	5	14.0	1	1	CXS-A10-05	10.0	5.0	8.0	65.0	15.0	10	0.0
12	4	14.0	1	1	CXS-A12-04	12.0	4.0	10.0	70.0	15.5	10	0.0
	5	14.0	1	1	CXS-A12-05	12.0	5.0	10.0	70.0	16.0	10	0.0
	6	14.0	1	1	CXS-A12-06	12.0	6.0	10.0	70.0	16.5	10	0.0
16	4	14.0	1	1	CXS-A16-04	16.0	4.0	14.0	75.0	17.5	10	0.1
	5	14.0	1	1	CXS-A16-05	16.0	5.0	14.0	75.0	18.0	10	0.1
	6	14.0	1	1	CXS-A16-06	16.0	6.0	14.0	75.0	18.5	10	0.1
	7	14.0	1	1	CXS-A16-07	16.0	7.0	14.0	75.0	19.0	10	0.1
	8	14.0	1	1	CXS-A16-08	16.0	8.0	14.0	75.0	19.5	10	0.1
20	4	14.0	1	1	CXS-A20-04	20.0	4.0	18.0	90.0	20.0	10	0.2
	5	14.0	1	1	CXS-A20-05	20.0	5.0	18.0	90.0	20.0	10	0.2
	6	14.0	1	1	CXS-A20-06	20.0	6.0	18.0	90.0	22.0	10	0.2
	7	14.0	1	1	CXS-A20-07	20.0	7.0	18.0	90.0	22.0	10	0.2
	8	14.0	1	1	CXS-A20-08	20.0	8.0	18.0	90.0	25.0	10	0.0
	10	14.0	1	1	CXS-A20-10	20.0	10.0	18.0	90.0	25.0	10	0.2
25	8	15.0	1	1	CXS-A25-08	25.0	8.0	23.0	110.0	25.0	10	0.4
	10	15.0	1	1	CXS-A25-10	25.0	10.0	23.0	110.0	25.0	10	0.4





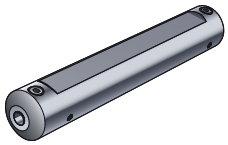
Carbide shank

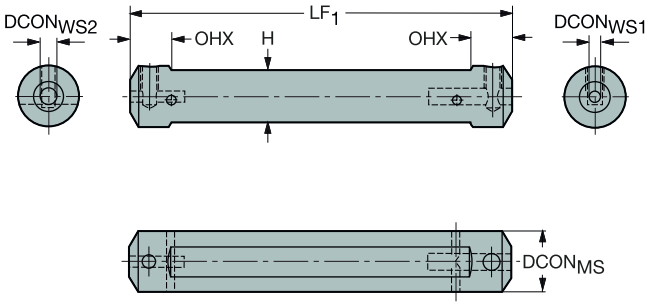
CZCMS	CZCWS	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	H	LF	BAR	NM	KG
12 (x 10)	4	53.0	1	3	CXS-E12-04-X	12.0	4.0	11.0	103.0	80	8	0.1
	5	58.0	1	3	CXS-E12-05-X	12.0	5.0	24.0	108.0	80	8	0.2

For spare parts, visit www.sandvik.coromant.com

H36 H5 B99

Cylindrical shank with flat to CoroTurn® XS double-ended adaptor





For Citizen machines

						Dimensions, mm					
CZC_{MS}	CZC_{WS}	OHN	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	H	LF_1	BAR	KG
3/4	6	15.0	1	1	CXS-A075-04-06	19.1	6.0	18.0	140.0	10	0.2

For Other machines

						Dimensions, mm					
CZC_{MS}	CZC_{WS}	OHN	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	H	LF_1	BAR	KG
20	6	15.0	1	1	CXS-A20-04-06	20.0	6.0	18.0	140.0	10	0.3

For spare parts, visit www.sandvik.coromant.com

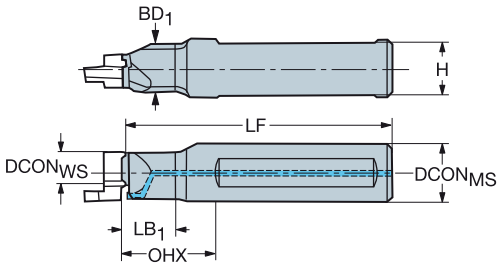
H36 H5 B99

ENG

Cylindrical shank with flat to CoroCut® MB adaptor

With groove for EasyFix sleeve

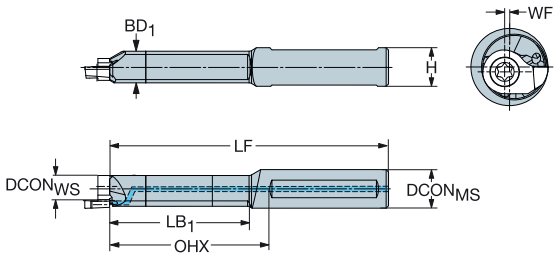




Steel shank

CZC$_{MS}$	CZC$_{WS}$	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	BD$_1$	LB$_1$	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

CZC$_{MS}$	CZC$_{WS}$	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	BD$_1$	LB$_1$	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

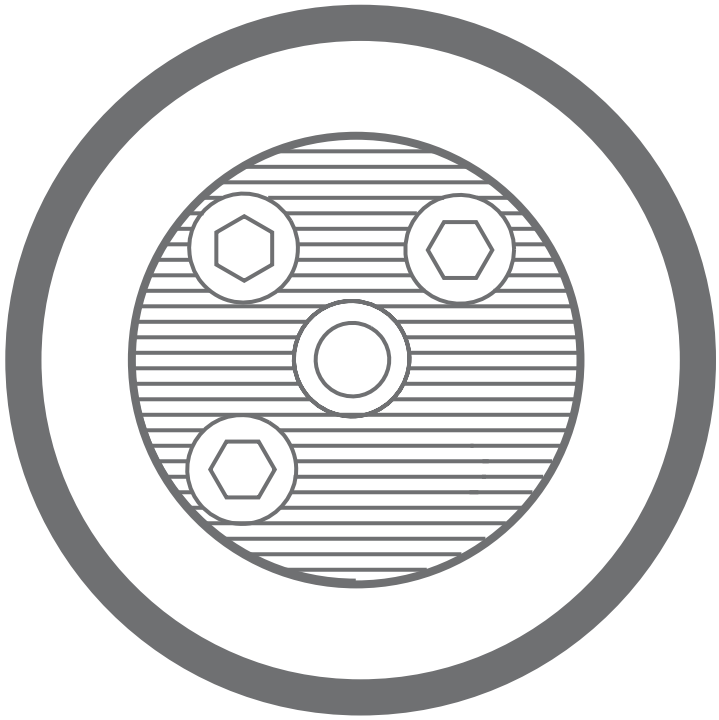
General minimum hole depends on insert; see respective insert ordering page.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

H36 H5 B106

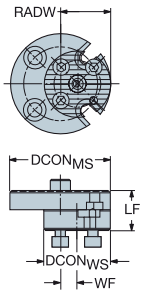
Machine side interface Bolt pattern and CoroTurn® SL



ENG

CoroTurn® SL reduction adaptor

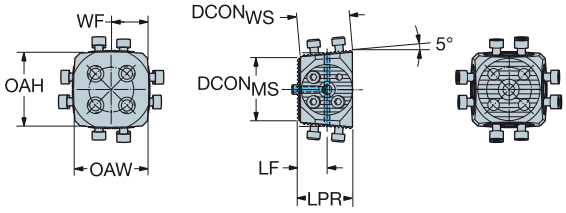




					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	BD_1	LB_1	LF	WF	OAW	RADW	KG
40	32	1	1	570-40 22-32	40.0	32.0	50.0	22.0	22.0	8.0	44.0	24.0	0.2
50	32	1	1	570-50 23-32	50.0	32.0	50.0	11.4	23.0	9.0	50.0	25.0	0.2
	40	1	1	570-50 23-40	50.0	40.0	50.0	11.4	23.0	10.0	55.0	30.0	0.2
60	40	1	1	570-60 23-40	60.0	40.0	60.0	11.4	23.0	10.0	60.0	30.0	0.4

Mini-turret for four CoroTurn® SL heads

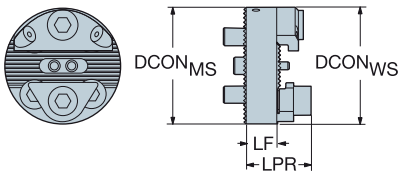




				Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	Ordering code	DCON	$DCON_{MS}$	LPR	LF	WF	OAW	OAH	BAR	KG
40	32	1	570-4-32-40-050-RA	32.0	40.0	34.5	18.0	23.0	49.3	49.3	20	0.4

CoroTurn® SL to CoroTurn® SL quick change adaptor





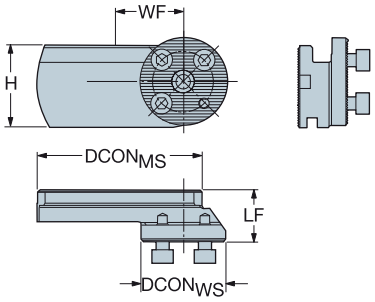
					Dimensions, mm					
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LPR	LF	BAR	KG
32	32	1	2	SL-32 11-32-QC	32.0	32.0	19.5	11.0	70	0.1
40	32	1	2	SL-40 12-32-QC	40.0	32.0	21.8	12.0	70	0.1

For spare parts, visit www.sandvik.coromant.com

ISO 13399 H36 CNSC CXSC H5 H2

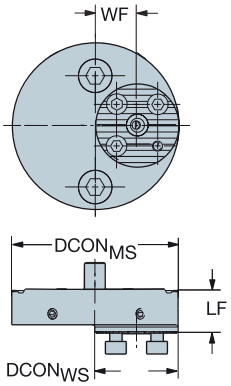
CoroTurn® SL quick change to CoroTurn® SL adaptor





CZCMS	CZCWS	Ordering code	Dimensions, mm DCONMS	DCONWS	H	LF	WF	HF	KG
80	40	570-80 23-40R/L	80.0	40.0	37.5	23.0	70.0	20.0	0.3





CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	H	LF	WF	BAR	KG
80	40	1	1	570-80 20 20-40R	80.0	40.0	37.5	20.0	20.0	80	0.8
100	40	1	1	570-100 20 30-40R	100.0	40.0	37.5	20.0	30.0	80	1.1

For spare parts, visit www.sandvik.coromant.com

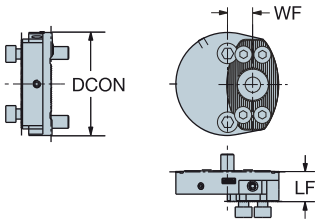
R = Right hand, L = Left hand

H36 H5 H2

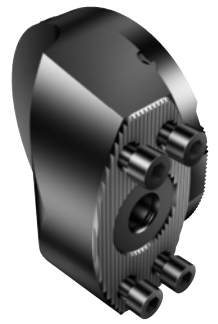
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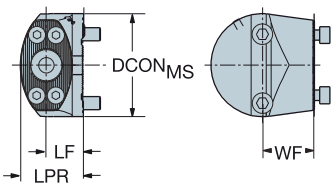
CoroTurn® SL quick change to CoroTurn® SL70 adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	H	LF	WF	BAR	KG
80	70	1	1	SL70-80 23-RG	80.0	37.5	23.0	20.0	80	1.0





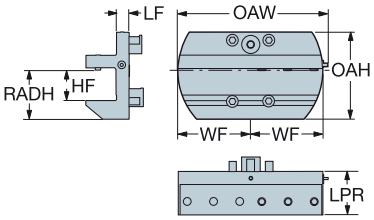
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	H	LPR	LF	WF	BAR	KG
80	70	1	1	SL70-80 40-RF	80.0	37.5	48.0	28.0	40.0	70	1.3

For spare parts, visit www.sandvik.coromant.com

H36 H5 H2

CoroTurn® SL to rectangular shank adaptor

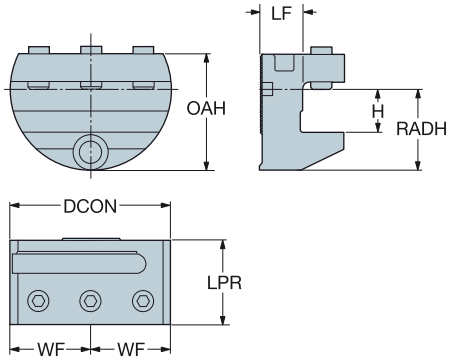




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm B	H	LPR	LF	WF	HF	OAW	OAH	RADH	BAR	KG
122 x 105	32 x 32	1	2	570-200 3232-M	122.0	105.0	55.0	23.0	97.4	32.0	205.0	115.0	60.0	80	9.6

CoroTurn® SL quick change to rectangular shank adaptor





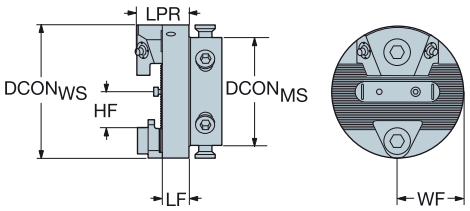
CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, mm DCON	H	LPR	LF	WF	HF	OAW	OAH	KG
80	20 x 20	570-80 20 2020R	80.0	37.5	40.0	20.0	38.5	20.0	77.0	56.0	0.7

For spare parts, visit www.sandvik.coromant.com

H36 H5 H2

570-80 to CoroTurn® SL quick change adaptor

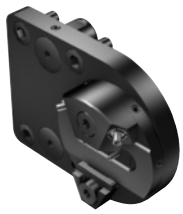


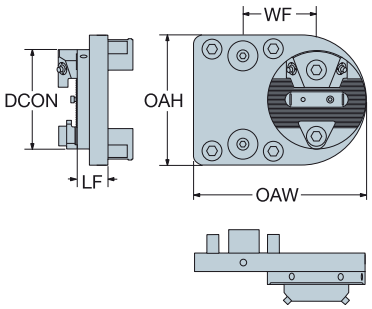


Conversion from 580-coupling to CoroTurn® SL quick change

					Dimensions, mm						
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LPR	LF	BAR	NM	KG
80	80	1	2	570-80 17-580-80	65.0	80.0	32.5	17.0	80	50	1.1

Bolt pattern to CoroTurn® SL adaptor





The adaptor fits all boring bars from diameter 200 mm

					Dimensions, mm									
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	DCON	B	H	LF	WF	OAW	OAH	BAR	NM	KG
122 x 105	80	1	1	570-80 200R	80.0	122.0	105.0	25.0	59.5	139.0	104.0	80	50	2.3

For spare parts, visit www.sandvik.coromant.com

H36 H5 H2

Silent Tools®

Adaptors with a dampening mechanism

Application

- Turning, Threading and Grooving
- In operations with long overhangs (3–14×D or vibration tendencies)

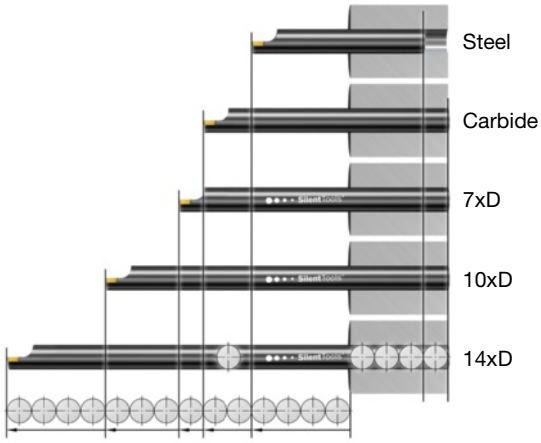


Minimizing vibration at long overhangs over 3×D

Silent Tools adaptors minimize vibration through a dampener inside the tool maintaining good productivity and close tolerances even at long overhangs

Turning

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 our 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

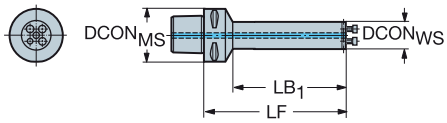


E7

SANDVIK Coromant

Coromant Capto® to CoroTurn® SL damped adaptor





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR	KG
C3	16	3	3	C3-570-3C 16 082	32.0	16.0	63.4	82.0	70	0.4
	20	3	3	C3-570-3C 20 101	32.0	20.0	82.9	101.0	70	0.3
	25	3	3	C3-570-3C 25 125	32.0	25.0	107.6	125.0	70	0.6
		3	3	C3-570-3C 25 180	32.0	25.0	161.8	180.0	70	0.8
		3	1	C3-SL-3C 25 125	32.0	25.0	106.8	125.0	70	0.6
		3	1	C3-SL-3C 25 180	32.0	25.0	161.8	180.0	70	0.8
	32	3	1	C3-570-3C 32 133	32.0	32.0	133.0	133.0	70	1.0
		3	1	C3-570-3C 32 224	32.0	32.0	224.0	224.0	70	1.8
C4	16	3	3	C4-570-3C 16 088	40.0	16.0	63.3	88.0	70	0.5
	20	3	3	C4-570-3C 20 107	40.0	20.0	82.8	107.0	70	0.5
	25	3	3	C4-570-3C 25 132	40.0	25.0	108.5	132.0	70	0.9
		3	3	C4-570-3C 25 180	40.0	25.0	155.7	180.0	70	0.9
		3	1	C4-SL-3C 25 132	40.0	25.0	107.7	132.0	70	0.8
		3	1	C4-SL-3C 25 180	40.0	25.0	155.7	180.0	70	0.9
	32	3	1	C4-570-3C 32 154	40.0	32.0	131.4	154.0	70	1.2
		3	1	C4-570-3C 32 224	40.0	32.0	200.6	224.0	70	2.0
	40	3	1	C4-570-3C 40 173	40.0	40.0	173.0	173.0	70	1.7
		3	1	C4-570-3C 40 288	40.0	40.0	288.0	288.0	70	3.4
C5	16	3	3	C5-570-3C 16 085	50.0	16.0	58.5	85.0	70	0.6
	20	3	3	C5-570-3C 20 109	50.0	20.0	83.5	109.0	70	0.7
	25	3	3	C5-570-3C 25 133	50.0	25.0	107.7	133.0	70	1.0
		3	3	C5-570-3C 25 180	50.0	25.0	154.3	180.0	70	1.2
		3	3	C5-570-3C 25 230	50.0	25.0	201.0	230.0	70	1.4
		3	1	C5-SL-3C 25 133	50.0	25.0	106.6	133.0	70	1.0
		3	1	C5-SL-3C 25 180	50.0	25.0	154.3	180.0	70	1.2
		3	1	C5-SL-3C 25 230	50.0	25.0	200.5	230.0	70	1.4
	32	3	1	C5-570-3C 32 154	50.0	32.0	129.6	154.0	70	1.5
		3	1	C5-570-3C 32 224	50.0	32.0	199.3	224.0	70	1.8
		3	1	C5-570-3C 32 288	50.0	32.0	261.0	288.0	70	2.5
	40	3	1	C5-570-3C 40 194	50.0	40.0	170.7	194.0	70	2.2
		3	1	C5-570-3C 40 288	50.0	40.0	263.4	288.0	70	3.6
		3	1	C5-570-3C 40 368	50.0	40.0	344.5	368.0	70	4.3
	50	3	1	C5-570-3C 50 215	50.0	50.0	215.0	215.0	70	5.4
C6	16	3	3	C6-570-3C 16 088	63.0	16.0	58.5	88.0	70	1.0
	20	3	3	C6-570-3C 20 108	63.0	20.0	78.5	108.0	70	1.0
	25	3	3	C6-570-3C 25 132	63.0	25.0	103.0	132.0	70	1.3
		3	3	C6-570-3C 25 180	63.0	25.0	146.8	180.0	70	1.6
		3	3	C6-570-3C 25 230	63.0	25.0	197.0	230.0	70	1.8
		3	1	C6-SL-3C 25 132	63.0	25.0	101.9	132.0	70	1.3
		3	1	C6-SL-3C 25 180	63.0	25.0	146.8	180.0	70	1.5
		3	1	C6-SL-3C 25 230	63.0	25.0	196.8	230.0	70	1.8
	32	3	1	C6-570-3C 32 159	63.0	32.0	129.8	159.0	70	1.9
		3	1	C6-570-3C 32 224	63.0	32.0	191.7	224.0	70	2.2
		3	1	C6-570-3C 32 288	63.0	32.0	257.8	288.0	70	2.9
	40	3	1	C6-570-3C 40 198	63.0	40.0	169.4	198.0	70	2.6
		3	1	C6-570-3C 40 288	63.0	40.0	257.1	288.0	70	3.9
		3	1	C6-570-3C 40 368	63.0	40.0	338.9	368.0	70	4.9
	50	3	1	C6-570-3C 50 239	63.0	50.0	212.3	239.0	70	6.2
	60	3	1	C6-570-3C 60 287	63.0	60.0	263.1	287.0	70	7.0
C8	25	3	3	C8-570-3C 25 147	80.0	25.0	107.6	147.0	70	2.4
		3	1	C8-SL-3C 25 147	80.0	25.0	106.6	147.0	70	2.5
	32	3	1	C8-570-3C 32 172	80.0	32.0	133.6	172.0	70	3.0
		3	1	C8-570-3C 32 224	80.0	32.0	184.5	224.0	70	3.6
	40	3	1	C8-570-3C 40 224	80.0	40.0	186.6	224.0	70	4.1
		3	1	C8-570-3C 40 288	80.0	40.0	246.5	288.0	70	5.2
		3	1	C8-570-3C 40 368	80.0	40.0	330.9	368.0	70	6.1

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


E7


G2



H36

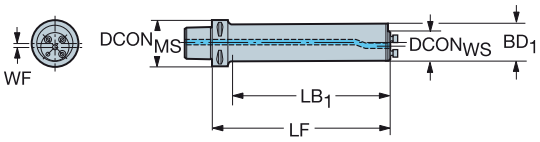


H5


H2

Coromant Capto® to CoroTurn® SL damped adaptor





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	BAR	KG
C5	40	3	1	C5-570-3C 50 223-40R/L	50.0	40.0	50.0	223.0	223.0	5.0	70	5.6
		3	1	C5-570-3C 50 368-40R/L	50.0	40.0	50.0	368.0	368.0	5.0	70	6.0
		3	1	C5-570-3C 50 468-40R/L	50.0	40.0	50.0	468.0	468.0	0.0	70	10.7
C6	40	3	1	C6-570-3C 50 247-40R/L	63.0	40.0	50.0	222.0	247.0	5.0	70	6.3
		3	1	C6-570-3C 50 368-40R/L	63.0	40.0	50.0	341.2	368.0	5.0	70	8.4
		3	1	C6-570-3C 50 468-40R/L	63.0	40.0	50.0	440.0	468.0	5.0	70	7.4
		3	1	C6-570-3C 60 295-40R/L	63.0	40.0	60.0	273.0	295.0	10.0	70	7.1
		3	1	C6-570-3C 60 448-40R/L	63.0	40.0	60.0	424.8	448.0	10.0	70	14.3
		3	1	C6-570-3C 60 568-40R/L	63.0	40.0	60.0	545.0	568.0	10.0	70	13.2
C8	40	3	1	C8-570-3C 50 297-40R/L	80.0	40.0	50.0	261.0	297.0	5.0	70	7.9
		3	1	C8-570-3C 50 368-40R/L	80.0	40.0	50.0	330.9	368.0	5.0	70	7.5
		3	1	C8-570-3C 50 468-40R/L	80.0	40.0	50.0	434.0	468.0	5.0	70	8.8
		3	1	C8-570-3C 60 355-40R/L	80.0	40.0	60.0	320.3	355.0	10.0	70	9.0
		3	1	C8-570-3C 60 448-40R/L	80.0	40.0	60.0	409.2	448.0	10.0	70	15.2
		3	1	C8-570-3C 60 568-40R/L	80.0	40.0	60.0	531.3	568.0	10.0	70	13.8

CXSC=1 to be used with cutting heads with precision coolant

R = Right hand, L = Left hand

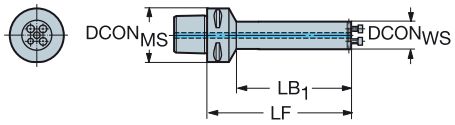
For spare parts, visit www.sandvik.coromant.com

E7 G2 H36 H5 H2

Coromant Capto® to CoroTurn® SL damped adaptor

For threading and grooving operations

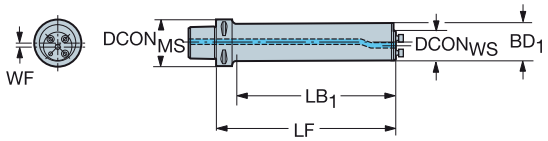




SilentTools®

CZC$_{MS}$	CZC$_{WS}$	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR	KG
C4	40	120.0	3	1	C4-570-4C 40 120	40.0	40.0	120.0	120.0	70	1.4
C5	40	120.0	3	1	C5-570-4C 40 120	50.0	40.0	98.0	120.0	70	1.6
C6	40	94.0	3	1	C6-570-4C 40 120	63.0	40.0	94.0	120.0	70	1.9





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	BAR	KG
C5	40	150.0	3	1	C5-570-4C 50 150-40R/L	50.0	40.0	50.0	150.0	150.0	5.0	70	2.5
C6	40	150.0	3	1	C6-570-4C 50 150-40R/L	63.0	40.0	50.0	122.0	150.0	5.0	70	2.8
		180.0	3	1	C6-570-4C 60 180-40R/L	63.0	40.0	60.0	157.0	180.0	10.0	70	4.2
C8	40	147.0	3	1	C8-570-4C 60 180-40R/L	80.0	40.0	60.0	147.0	180.0	10.0	70	5.1

CXSC=1 to be used with cutting heads with precision coolant

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com


E7


G2



H36

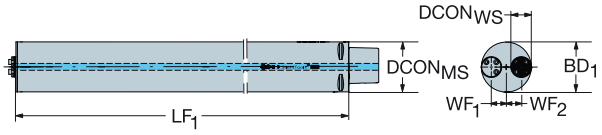


H5


H2

Coromant Capto® to CoroTurn® SL damped adaptor



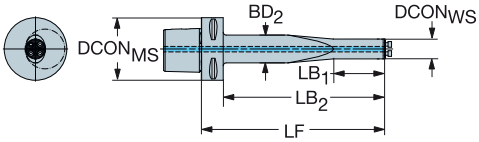


SilentTools®

Boring bar for two CoroTurn® SL heads

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	BD1	LB1	LF1	LF2	WF1	WF2	BAR	KG
C8	40	3	1	C8-570-3C80365-40-2	80.0	40.0	80.0	365.0	365.0	365.0	20.0	20.0	70	16.9
		3	1	C8-570-3C 80 608-40-2	80.0	40.0	80.0	608.0	608.0	608.0	20.0	20.0	70	28.0
		3	1	C8-570-3C80768-40-2	80.0	40.0	80.0	768.0	768.0	768.0	20.0	20.0	70	28.2
C10	40	3	1	C10-SL3C100968-40-2	100.0	40.0	100.0	968.0	968.0	968.0	30.0	30.0	70	29.0
		3	1	C10-SL3C80768-40-2	100.0	40.0	80.0	729.0	768.0	768.0	20.0	20.0	70	29.5





SilentTools®

Elliptical boring bar

CZCMS	CZCWS	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	BD2	LB1	LB2	LPR	LF	BAR	KG
C6	16	133.0	3	1	C6-SL-D 23E 133-16	63.0	16	22	46	111	133	133	70	1.3
	20	185.0	3	1	C6-SL-D 28E 185-20	63.0	20	28	52	163	185	185	70	1.6
	25	255.0	3	1	C6-SL-D 35E 230-25	63.0	25	35	82	233	255	230	70	2.4
	32	313.0	3	1	C6-SL-D 45E 313-32	63.0	32	45	102	291	313	313	70	3.7
	40	393.0	3	1	C6-SL-D 56E 393-40	63.0	40	56	124	371	393	393	70	5.8
C8	16	133.0	3	1	C8-SL-D 23E 133-16	80.0	16	22	46	100	133	133	70	2.2
	20	185.0	3	1	C8-SL-D 28E 185-20	80.0	20	28	52	152	185	185	70	2.4
	25	230.0	3	1	C8-SL-D 35E 230-25	80.0	25	35	64	197	230	230	70	3.3
	32	313.0	3	1	C8-SL-D 45E 313-32	80.0	32	45	102	283	313	313	70	4.2
	40	393.0	3	1	C8-SL-D 56E 393-40	80.0	40	56	124	363	393	393	70	6.6

CXSC=1 to be used with cutting heads with precision coolant
For spare parts, visit www.sandvik.coromant.com

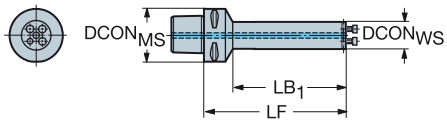
E7 G2 H36 H5 H2

SANDVIK Coromant

Coromant Capto® to CoroTurn® SL damped adaptor

Carbide reinforced boring bar

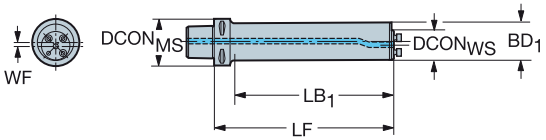




SilentTools®

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	BAR	KG
C6	25	3	1	C6-SL-3C 25 280 CR-M	63.0	25.0	248.2	280.0	70	6.2
		3	3	C6-SL3C25280CR	63.0	25.0	245.0	280.0	70	6.2
	32	3	1	C6-SL3C32352CR	63.0	32.0	317.0	352.0	70	9.5
	40	3	1	C6-SL3C40448CR	63.0	40.0	416.0	448.0	70	11.8
C8	25	3	1	C8-SL-3C 25 280 CR-M	80.0	25.0	248.2	280.0	70	7.2
	32	3	1	C8-SL3C32352CR	80.0	32.0	317.0	352.0	70	10.4
	40	3	1	C8-SL3C40448CR	80.0	40.0	416.0	448.0	70	13.0





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	BAR	KG
C8	40	3	1	C8-SL3C50568CR-40R/L	80.0	40.0	50.0	528.0	568.0	5.0	70	20.0
		3	1	C8-SL3C60688CR-40R/L	80.0	40.0	60.0	648.0	688.0	10.0	70	27.0

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


E7


G2



H36

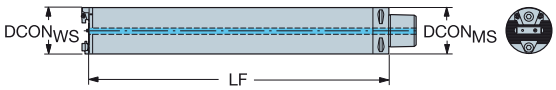


H5


H2

Coromant Capto® to CoroTurn® SL quick change damped adaptor





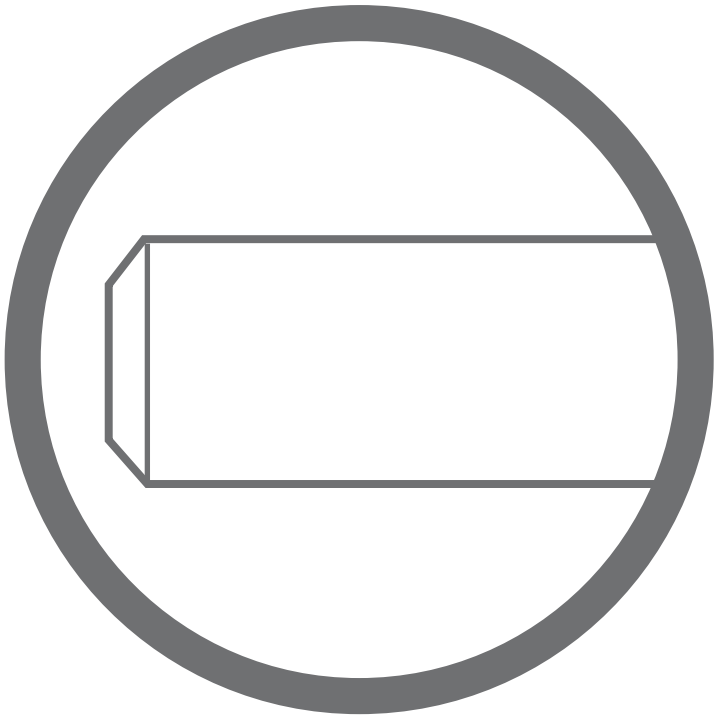
SilentTools®

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm $DCON_{MS}$	$DCON_{WS}$	LB_1	LF	BAR	KG
C6	80	3	1	C6-570-3C 80 355	63.0	80.0	355.0	355.0	70	12.4
C8	80	3	1	C8-570-3C 80 475	80.0	80.0	475.0	475.0	70	18.8
C10	80	3	1	C10-570-3C80755-80	100.0	80.0	714.0	755.0	70	29.0
	100/80	3	1	C10-570-3C100955-80	100.0	100.0	955.0	955.0	70	65.0

CXSC=1 to be used with cutting heads with precision coolant
For spare parts, visit www.sandvik.coromant.com

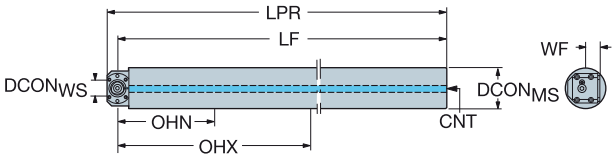
E7 G2 H36 H5 H2

Machine side interface Cylindrical shank



Cylindrical shank to Coromant Capto® damped adaptor





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LPR	LF	WF	CNT	BAR	KG
80	C3	298.0	778.0	1	1	CU-3C801200-C3	80.0	32.0	1234.0	1234.0	1215.0	37.0	G3/4	70	58.0
100	C3	378.0	978.0	1	1	CU-3C1001500-C3	100.0	32.0	1534.0	1534.0	1515.0	26.0	G3/4	70	103.0
	C4	373.0	973.0	1	1	CU-3C1001500-C4	100.0	40.0	1544.0	1544.0	1520.0	41.0	G3/4	70	90.0

CXSC=1 to be used with cutting heads with precision coolant

For spare parts, visit www.sandvik.coromant.com

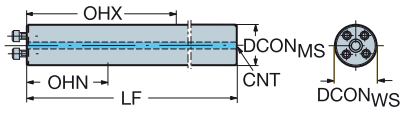
H36 H5

ENG

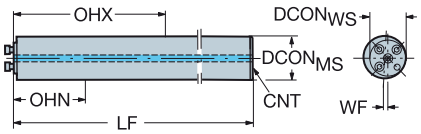
Cylindrical shank to CoroTurn® SL damped adaptor



570-3C



570-3C..-40



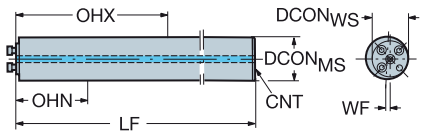
SilentTools®

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm 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

EasyFix for 16-25 mm

CXSC=1 to be used with cutting heads with precision coolant
CXSC=3 to be used with cutting heads with internal coolant





SilentTools®

For threading and grooving operations

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

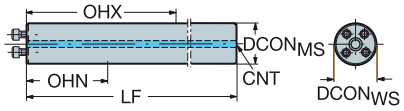
CXSC=1 to be used with cutting heads with precision coolant
For spare parts, visit www.sandvik.coromant.com

H36 H5 H2

Cylindrical shank to CoroTurn® SL damped adaptor

Carbide reinforced boring bar





SilentTools®

CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	WF	CNT	BAR	KG
							Dimensions, mm						
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	25.8
		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

EasyFix for 16-25 mm

CXSC=1 to be used with cutting heads with precision coolant
CXSC=3 to be used with cutting heads with internal coolant

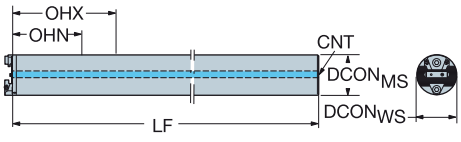
For spare parts, visit www.sandvik.coromant.com

H36 H5 H2

ENG

Cylindrical shank to CoroTurn® SL quick change damped adaptor





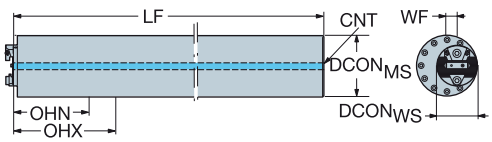
SilentTools®

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LF	CNT	BAR	NM	KG
80	80	360.0	755.0	1	1	570-3C 80 1200	80.0	80.0	1200.0	G3/4	70	50	51.3
		360.0	515.0	1	1	570-3C 80 880	80.0	80.0	880.0	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	G3/4	70	50	79.0
		415.0	955.0	1	1	570-3C 100 1500	100.0	100.0	1500.0	G3/4	70	50	95.0

Carbide reinforced boring bar

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	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



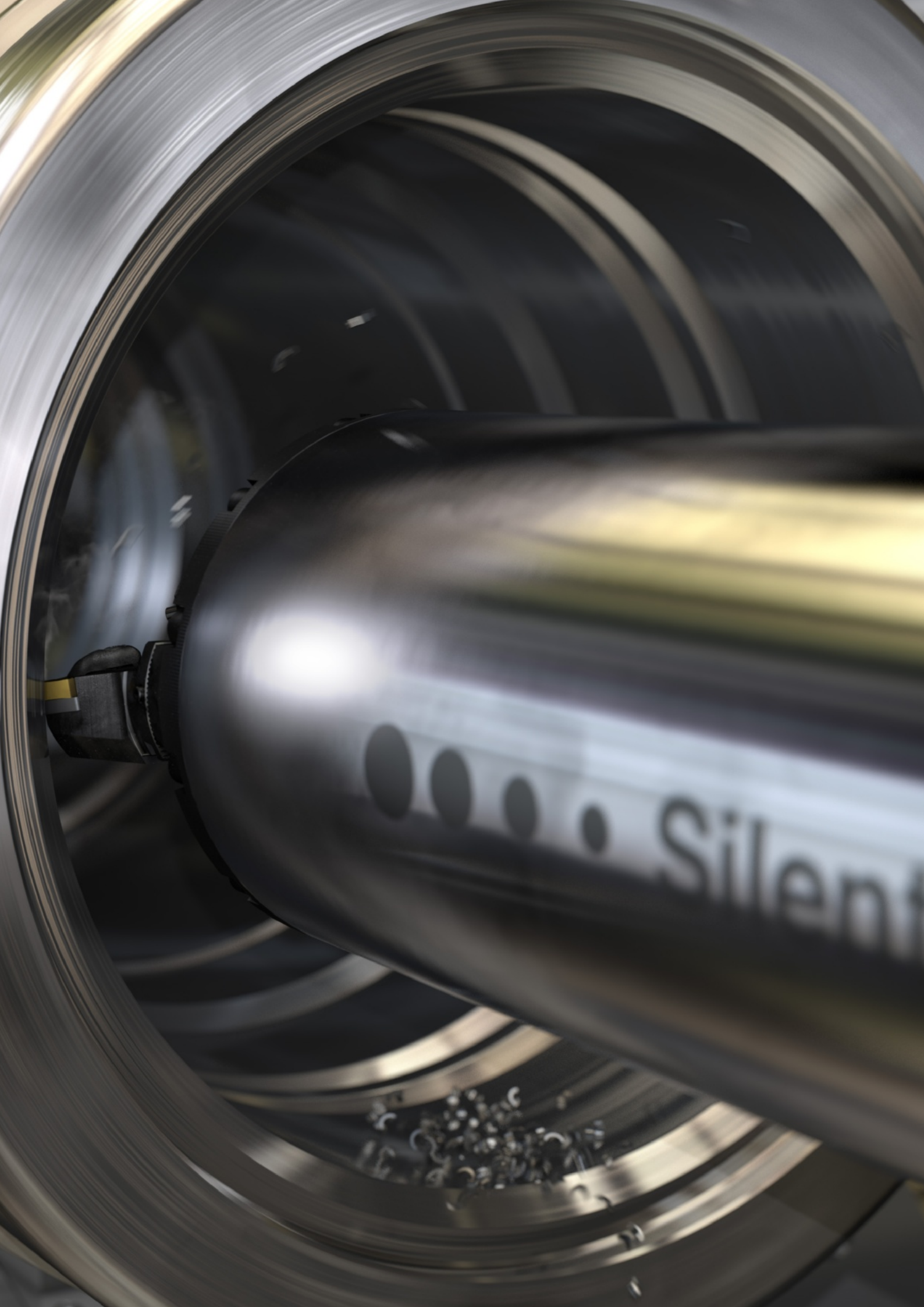


SilentTools®

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LF	WF	CNT	BAR	NM	KG
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

CXSC=1 to be used with cutting heads with precision coolant
For spare parts, visit www.sandvik.coromant.com

H36 H5 H2

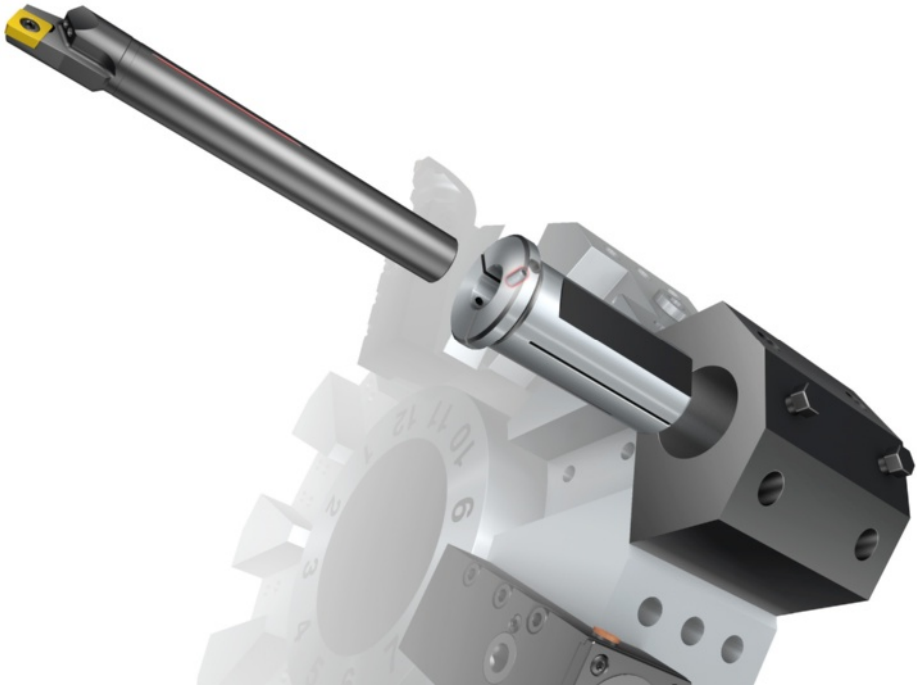


Accessories

G3-G5 Sleeves and collets
G6 Stop for QS™ holding system
G7-G8 Coolant connectors
G9-G14 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 centre height and position

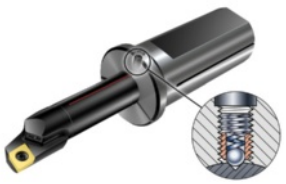
Precision coolant

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 centre height

Spring plunger solution (spring loaded ball) in the sleeve and the bar groove gives correct centre height of the insert every time you make a tool set-up.

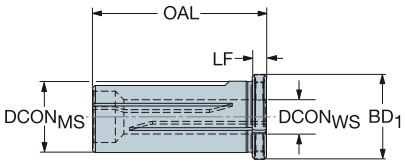


Cylindrical sleeve with Easy-Fix positioning

ISO 9766

Metallic sealed for high pressure coolant through tool





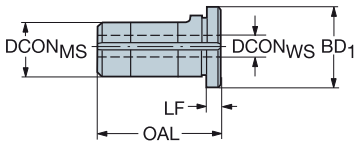
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm $DCON_{MS}$	$DCON_{WS}$	BD_1	H	OAL	LF	BAR	KG
16	5	1	1	EF-16-05	16	5	21	14	48	5	150	0.130
	6	1	1	EF-16-06	16	6	21	14	48	5	150	0.110
	8	1	1	EF-16-08	16	8	21	14	48	5	150	0.100
	10	1	1	EF-16-10	16	10	21	14	48	5	150	0.080
	12	1	1	EF-16-12	16	12	21	14	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

To be used with ISO 9766 adaptors, see Rotating tool adaptors chapter in Rotating tools catalogue or sandvik.coromant.com

ENG

Cylindrical sleeve with Easy-Fix positioning



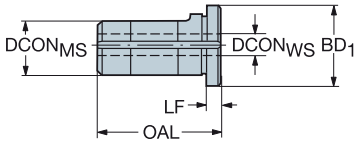


CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	BD$_1$	H	OAL	LF	BAR	KG
32	20	1	1	132L-3220085-B	32	20	38	30	85	5	20	0.326
40	20	1	1	132L-4020105-B	40	20	46	38	105	5	20	0.758
	25	1	1	132L-4025105-B	40	25	46	38	105	5	20	0.620
50	20	1	1	132L-5020125-B	50	20	56	47	125	5	20	1.576
	25	1	1	132L-5025125-B	50	25	56	47	125	5	20	1.396

Groove for EasyFix sleeve is available on all cylindrical boring bars in diameter 5-25 mm

Cylindrical sleeve



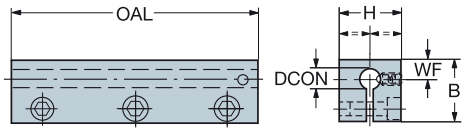


CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	BD$_1$	OAL	LF	BAR	KG
40	32	1	1	132L-40-32	40	32	50	128	5	150	0.430
50	32	1	1	132L-50-32	50	32	60	128	5	150	1.100
	40	1	1	132L-50-40	50	40	60	160	5	150	0.840
60	32	1	1	132L-60-32	60	32	70	128	5	150	1.900
	40	1	1	132L-60-40	60	40	70	160	5	150	1.900
	50	1	1	132L-60-50	60	50	70	200	5	150	1.300

Screw down (No EasyFix)

Square sleeve with Easy-Fix positioning



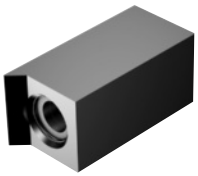


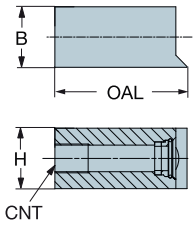
CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, mm DCON	DCON$_{WS}$	B	H	OAL	WF	HF	KG
20 x 20	5	131-2005-B	5	5	20	20	80	5.5	10.0	0.232
	6	131-2006-B	6	6	20	20	80	6.0	10.0	0.228
	8	131-2008-B	8	8	20	20	80	7.0	10.0	0.218
	10	131-2010-B	10	10	20	20	80	7.5	10.0	0.201
25 x 25	12	131-2512-B	12	12	25	25	80	9.0	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

H36

ISO 13399

Stop for QS™ holding system



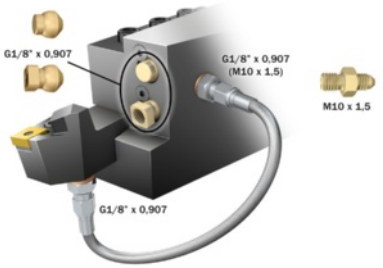


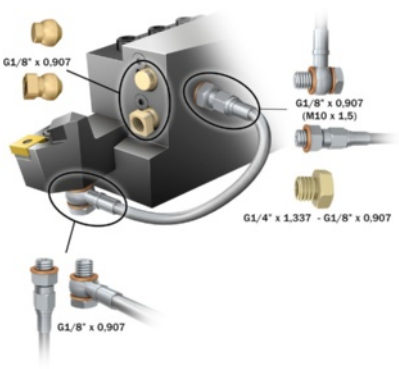
	Dimensions, mm			
Ordering code	OAL	B	H	CNT
QS-2020HP	44.0	20.0	20.0	G1/8"
QS-2525HP	44.0	25.0	25.0	G1/8"

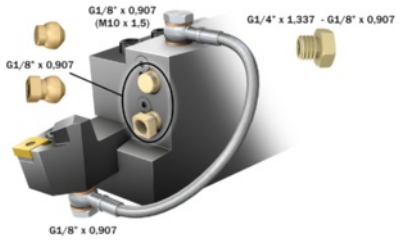
ENG

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. Can not be ordered separately.

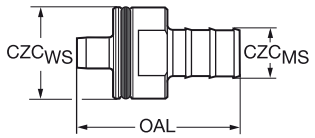
Other included parts can be ordered separately. Minimum ordering quantity is 2 pcs.

Included parts

							
VDI Coolant feed plug G1/8"x 0.907	VDI Coolant blanking plug	G1/8"x 0.907	M10x1.5	M10x1.5	G1/8"x 0.907	G1/4"x 1.337 - G1/8"x 0.907	Washer (M10)
5692 063-01	5692 063-02	5692 063-03	5692 063-04	5692 063-05	5692 063-06	5692 063-07	5692 063-08

INFORMATION:
This coolant connection kit replaces CoroTurn HP tubes (and extension tube adaptor 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

	For bar diameter		Dimensions, mm		
	DCON	**Ordering code**	CZC_{MS}	CZC_{WS}	OAL
	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

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 centres
- Vertical lathes

Coromant Capto clamping units and driven tool holders reduce set-up and tool change time for high machine utilization.

Integrated spindle

- Multi-task machines
- Vertical lathes
- Machining centres with turning option

Coromant Capto integrated in the spindle adds stability and versatility.

Modular system

- Machining centres
- Multi-task machines
- Vertical lathes

Coromant Capto machine interface adaptors in combination with extension and reduction adaptors enable assembling of tools with different lengths and design regardless of the machine interface.

Coromant Capto® range

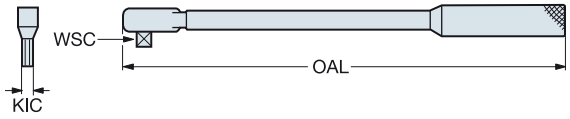
Coromant Capto programme includes machine interface adaptors, clamping units, tool holders, integrated cutting tools, adaptors and chucks.



Torque wrenches

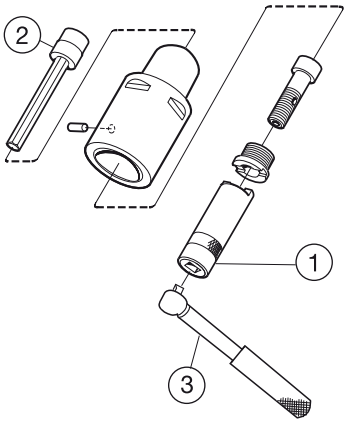
Coromant Capto®

Torque wrench for manual clamping units, Quick change



	Torque wrench	Dimensions, mm			Key adaptor	
CZC	Ordering code	Torque range, Nm	WSC	OAL	Ordering code	KIC
C3	C-TK-01M	20-100	1/2"	400	5680 035-14	8
C4	C-TK-01M	20-100	1/2"	400	5680 035-06	10
C5	C-TK-01M	20-100	1/2"	400	5680 035-07	12
C6	C-TK-01M	20-100	1/2"	400	5680 035-07	12
C8	C-TK-02	40-200	1/2"	520	5680 035-07	12
C10	C-TK-03	60-300	1/2"	620	5680 035-10	17

Torque wrench for modular assemblies, centre bolt clamping



	3. Torque wrench	Dimensions, mm			2. Extension key		1. Retaining nut spanner
CZC	Ordering code	Torque range, Nm	WSC	OAL	Ordering code	KIC	Ordering code
C3	C-TK-02	40-200	1/2"	345	5680 015-05	8	5680 065-13
C4	C-TK-02	40-200	1/2"	345	5680 015-05	8	5680 065-10
C5	C-TK-02	40-200	1/2"	345	5680 015-01	10	5680 065-11
C6	C-TK-02	40-200	1/2"	345	5680 015-02	14	5680 065-12
C8	C-TK-02	40-200	1/2"	440	5680 015-02	14	5680 065-12
C10	C-TK-04	80-400	3/4"	683	5680 015-06	17	5680 065-14

To be calibrated according to ISO 6789, accuracy within 4%

Torque wrenches

Tightening torque recommendations

Coromant Capto® tightening torque:

Manual clamping units type NC2000 and NC3000

CZC	Torque Nm
C3	35
C4	50
C5	70

Coromant Capto® tightening torque:

Manual clamping units and driven tool holders with camshaft mechanism

CZC	Torque Nm
C3	35
C4	50
C5	70
C6	90
C8	130
C10	285

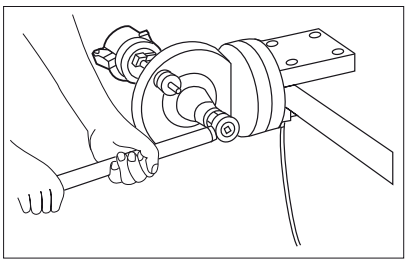
Coromant Capto® required pressure:

Hydro-mechanical clamping units type 5000

CZC	**Clamping** Pressure, bar	**Ejecting** Pressure, bar
C4	100	100
C5	80	80
C6	80	80
C8	80	80
C10	80	80

Required oil flow in all cases: 6 l/min

Coromant Capto® basic holders



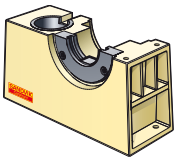
Centre bolt clamping

CZC	Torque Nm
C3	45
C4	55
C5	95
C6	170
C8	170
C10	380

Assembly fixture

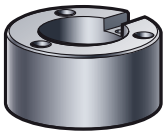
Fixture body
Ordering code:

391.500



Fixture body for sleeves
Ordering code:

391.501



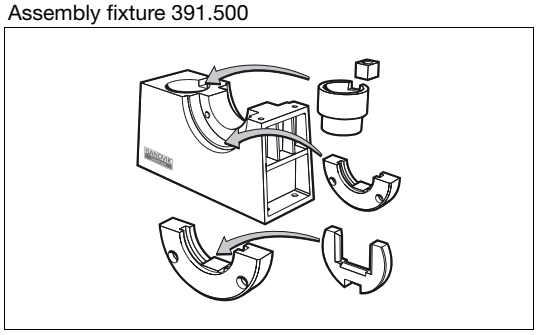
Ordering code	
	
Sleeve	**For holder type, size**
391.540-C3	Coromant Capto Size C3
391.540-C4	Coromant Capto Size C4
391.540-C5	Coromant Capto Size C5
391.540-C6	Coromant Capto Size C6
391.540-C8	Coromant Capto Size C8
391.540-C10	Coromant Capto Size C10
391.540-HA04	HSK 40 Form A/C
391.540-HA05	HSK 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.

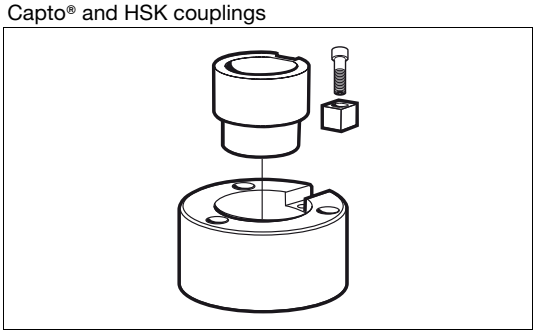
* Combined collar and flange

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 wagon for Coromant Capto®

Quick change tooling



1. Cradle carrier
2. Tool cradles
3. Molded tool holders (To be ordered separately)

Ordering code	Kit consist of:		
CCW-KIT	TC-0	4 pieces	Tool cradles
	TCC-2	4 pairs	Frame carriers for tool cradle

To order a complete wagon 1 pcs CCW-KIT + Molded tool holders

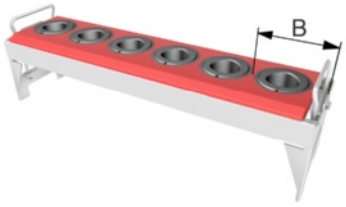
Bench stand



Ordering code
BS-KIT

To order a complete bench stand 1 pcs BS-KIT + Molded tool holders

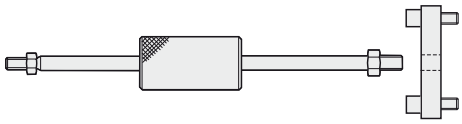
Molded tool holders - to be ordered separately



Ordering code	Width (B), mm	Max. number of tool holders in a cradle
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

CZC	Ordering code
C3	CC-ET-01
C4	CC-ET-01
C5	CC-ET-02
C6	CC-ET-02
C8	CC-ET-02

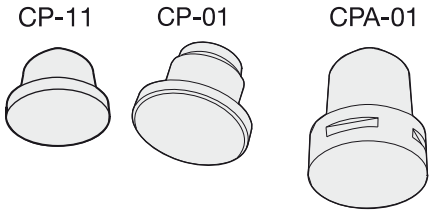
Note: Withdrawal tool to be ordered separately.

Withdrawal tool to remove polygon sleeve from clamping units, can be used together with CC-ET-01/02



CZC	Ordering code	Spare parts	
		Centre 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

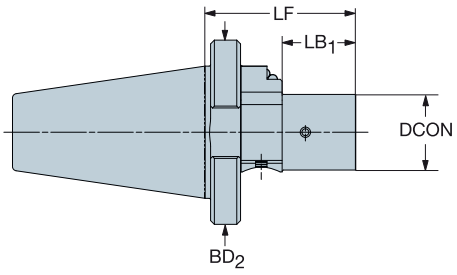
Cover plug



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

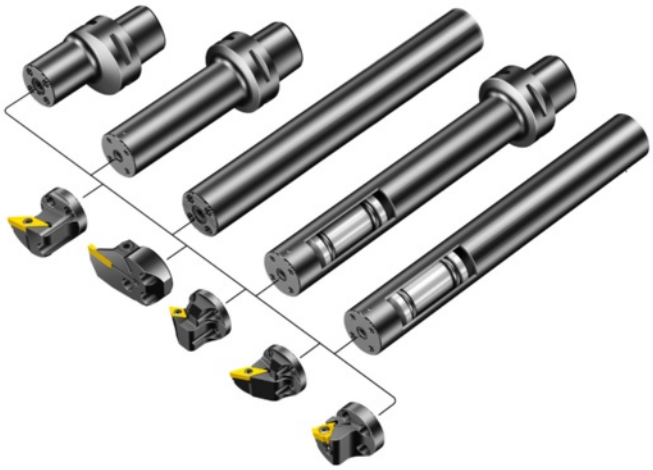
Modular system of adaptors with exchangeable cutting heads

B

Application

- For internal and external turning, grooving and threading
- Perfect in combination with Silent Tools™ dampening boring bars in operaions with long overhangs or vibration tendencies
- For all material groups

C



Benefits and features

- The ingenious Serration Lock (SL) interface is extremely robust and lets you create a wide range of tool combinations from a small inventory of adaptors and cutting heads
- Adaptors available for both internal and external machining
- The high precision nozzles on the cutting heads put 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 adaptor
  Quick change with Coromant Capto®
- Adaptors with internal coolant for efficient coolant supply

D

E

CoroTurn® SL is divided into four different systems:

F

1. Cutting heads, shank tools and adaptors



2. CoroTurn® SL70 for profiling and pocketing



G

3. Quick change for large bores



4. Quick change for small bores



H



F2

SANDVIK Coromant

ENG

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.

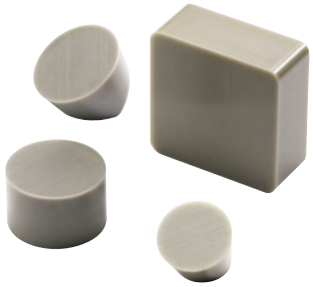
T-Max® P
CoroTurn® 107
CoroTurn® TR



Ceramics

The ceramic grade chain includes solutions for machining cast iron, heat resistant super alloys and hardened materials.

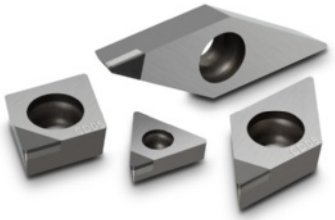
T-Max®



Polycrystalline Diamond (PCD)

Effective in the machining of non-ferrous materials.

CoroTurn® 107
T-Max®



Wiper

Inserts for increased productivity

B

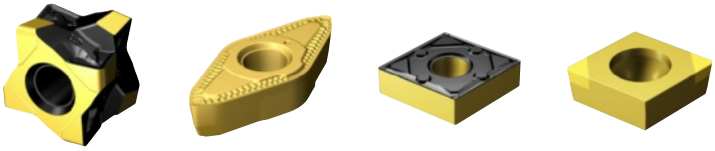
For increased feed rates without affecting surface finish

TECHNOLOGY Wiper

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



C

D

iLock™

Preventing insert movement for improved machining performance

E

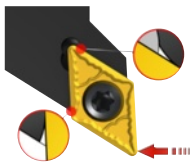
Application

- High dimensional accuracy
- Long tool life
- Good chip control

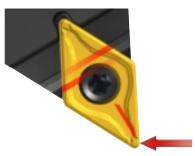
F

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.



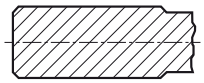
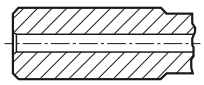
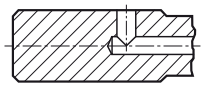
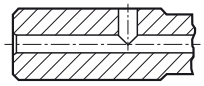
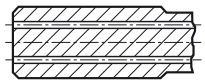
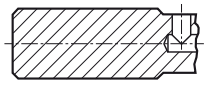
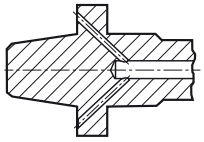
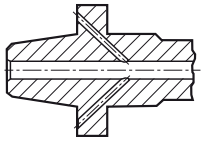
With the T-railed interface on CoroTurn TR the insert stays fixed in its position.

G

H

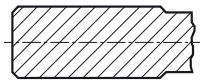
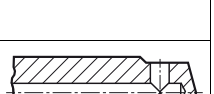
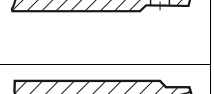
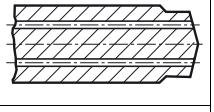
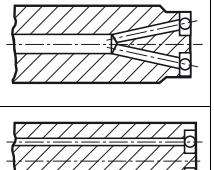
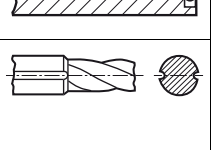
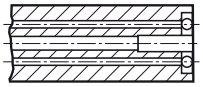
CNSC

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 adaptor	
6	Decentral over flange	
7	Decentral over flange and axial	
8	Decentral over slots on the shank	

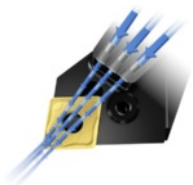
CXSC

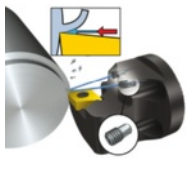
Coolant exit style code

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 of 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 material can successfully be machined.

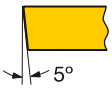
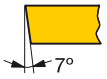
General turning inserts

C	N	M	G	12	04	08	–			–	PF
1	2	3	4	5	6	7		8	9		12

1 Insert shape

C		D	
K		R	
S		T	
V		W	

2 Insert clearance angle

B		C	
E		N	
P		O	Specific description

3 Tolerances

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

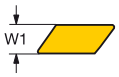
[1)]Varies depending on the size of IC. See below.





Inscribed circle	Tolerance class	
IC mm	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).

4 Insert type

A		Q	
G		R	
M		T	
N		W	
P		X	 Special design

5 Insert size

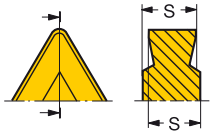
C	D	R	S	T	V	W
						
06 09 12 16 19 25	06 07 11 13 15	05 08 09 10 12 15 16 19 20 25 31 32	09 12 15 19 25	05 06 11 16 22 27 33	11 13 16 22	02 04 06 08

SANDVIK Coromant

ENG

General turning inserts

6 Insert thickness, S mm



01	S = 1.59
T1	S = 1.98
02	S = 2.38
03	S= 3.18
T3	S = 3.97
04	S = 4.76
05	S = 5.56
06	S = 6.35
07	S = 7.94
09	S = 9.52
10	S = 10.00
12	S = 12.00

7 Nose radius, RE mm

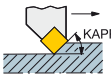
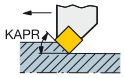
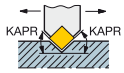


00* = 0
01 = 0.1
02 = 0.2
04 = 0.4
05 = 0.5
08 = 0.8
10 = 1.0
12 = 1.2
15 = 1.5
16 = 1.6
24 = 2.4
32 = 3.2

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		Feed
L	Feed	
N	Feed	 Feed

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 a metric even dimension. In the inch code for round inserts, position 7 isn't used at all. It's blank.

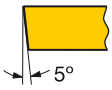
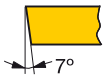
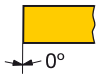
Advanced cutting material inserts

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

1 Insert shape

C		D	
K		R	
S		T	
V		W	

2 Insert clearance angle

B		C	
E		N	
P		O	Specific description

3 Tolerances

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).

4 Insert type

A		Q	
G		R	
M		T	
N		W	
P		X	 Special design

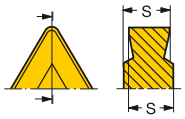
5 Insert size

C	D	R	S	T	V	W
						
06 09 12 16 19 25	06 07 11 15	05 08 09 10 12 15 16 19 20 25 31 32	09 12 15 19 25	05 06 11 16 22 27 33	11 16 22	06 08

SANDVIK Coromant

ENG

6 Insert thickness, S mm



01	s =	1.59
T1	s =	1.98
02	s =	2.38
03	s =	3.18
T3	s =	3.97
04	s =	4.76
05	s =	5.56
06	s =	6.35
07	s =	7.94
09	s =	9.52
10	s =	10.00
12	s =	12.00

7 Nose radius, RE mm

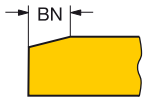


00* = 0
01 = 0.1
02 = 0.2
04 = 0.4
05 = 0.5
08 = 0.8
10 = 1.0
12 = 1.2
15 = 1.5
16 = 1.6
24 = 2.4
32 = 3.2

8 Cutting edge condition

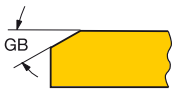
F		Sharp cutting edge
E (A)		ER treated cutting edge A (inch) E (metric)
T		Negative land
K		Double negative lands
S		Negative land and ER treated cutting edge

9 Chamfer width



ISO mm
010 BN = 0.10
015 BN = 0.15
020 BN = 0.20
025 BN = 0.25
070 BN = 0.70
150 BN = 1.50
200 BN = 2.00

10 Chamfer angle, degrees



15 GB = 15°
20 GB = 20°
25 GB = 25°
30 GB = 30°
35 GB = 35°

11 Hand of insert

Inserts designed solely for machining in left or right direction are indicated as below.

R	Right hand design
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 is manufactured. To easy 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 a metric even 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

Cutting unit

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

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®

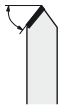
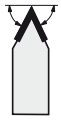
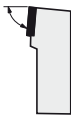
2 Clamping system

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 		

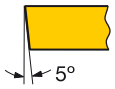
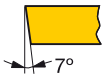
4 Holder style entering angle (lead angle)

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°) 	

SANDVIK Coromant

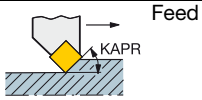
ENG

5 Insert clearance angle

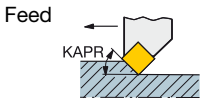
B		C	
D		E	
N		P	
O	Specific description		

6 Hand of tool

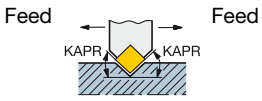
R



L



N

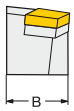


7 & 8 Shank size (B, width and H, height)

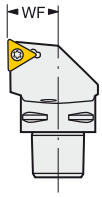
7 Shank height — * Integers to be preceded by 0, e.g. H = 8 mm indicated by 08



8 Shank width — * Integers to be preceded by 0, e.g. B = 8 mm indicated by 08

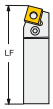


9 WF dimension, Coromant Capto®



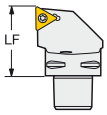
WF-dimension in mm (2 digits)

10 Shank tool length



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

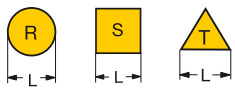
10 Coromant Capto® tool length



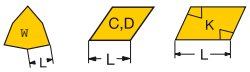
LF-dimension in mm (3 digits)

11 Insert size

Cutting edge length



Cutting edge length is indicated in mm.



Integer (not rounded off).

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® boring bars

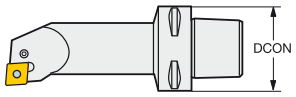
C3	–	S	C	L	C	R	–	11065	–	09	
1		5	6	7	8	9		13		10	11

Boring bars

S	40	V	–	S	C	L	C	R	12		–	ID
2	3	4		5	6	7	8	9	10	11		12

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.

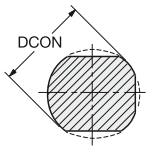
E = Carbide shank bar

F = Damped, carbide shank bar

S = Solid steel bar without coolant

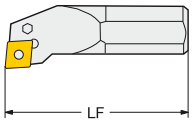
3 Bar diameter, mm

03
04
05
06
08
10
12
16
20
24
28
32
36
40



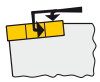
4 Tool length, LF mm

Shank tool



F =	80	S =	250
H =	100	T =	300
K =	125	U =	350
M =	150	V =	400
P =	170	W =	450
Q =	180	Y =	500
R =	200	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

ENG

A B C D E F G H

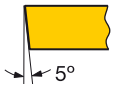
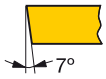
6 Insert shape

C		D	
K		R	
S		T	
V		W	

7 Bar style, lead angle (entering angle)

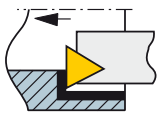
F 91° (-1°)		J 93° (-3°)	
K 75° (15°)		L 95° (-5°)	
P 117.5° (-27.5°)		Q 107.5° (-17.5°)	
U 93° (-3°)		U-X 93° (-3°)	

8 Clearance angle on major cutting edge

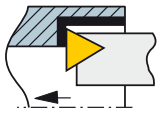
B		C	
D		E	
N		O	Specific description
P			

9 Hand of tool

R

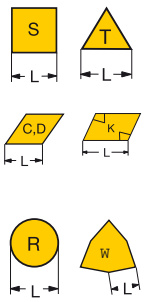


L



10 Cutting edge length

Metric



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, + 1.0mm (.04")

E = Extended WF dimension, + 2.0mm (.08")

F = Extended WF dimension, + 3mm (.12")

G = Altered dimensions

L = Extended LF-dimension

R = Round shank

W = Wedge design

X = Back boring

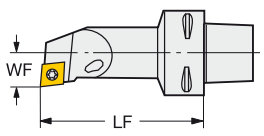
B1 = For insert with thickness 03 = 3.18 mm.

12 Clamping system Ceramics

ID = Clamp with pressure plate

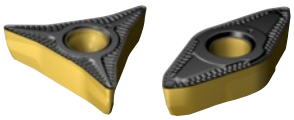
13 Coromant Capto cutting unit size, mm

WF x LF



Example
C4-SCLCR 11065-09
WF = 11 mm (2 digits)
LF = 065 mm (3 digits)

CoroTurn® Prime



Code key for insert

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

4 Nose radius
04 = 0.4 mm
08 = 0.8 mm

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 = shanksize HxB mm

6 WF Capto dimension
WF = For Capto WF dimensions (2 digits)

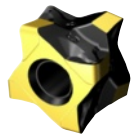
7 LFx Capto dimension
LFx = For Capto LF dimensions (3 digits)

8 Insert size, IC
11 = 11 mm

9 Coolant type
A = Precision coolant (Over-coolant)
B = Precision coolant (Under-coolant)
C = Precision coolant (Over and under-coolant)
No letter = No coolant

ENG

CoroTurn® 300



Code key for insert

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

4 Insert height
11 = 11 mm

5 Nose radius, RE
04 = 0.4 mm
08 = 0.8 mm
12 = 1.2 mm

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

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

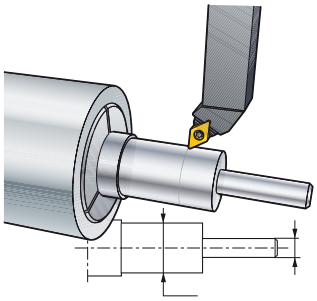
7 LF Capto dimension
LF = For LF Capto dimension (3 digits e.g 050)

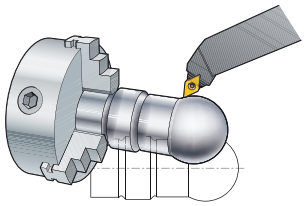
8 Functional length in mm

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 problems of reduced component quality in medium to finish machining.

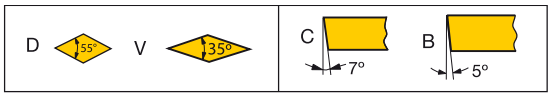
The CoroTurn TR provides a unique design solution in this area, with an innovative clamping interface to enable highly secure and stable positioning of the insert in the insert seat. This firm location will improve quality and productivity in turning operations for V (35°) and D (55°) style inserts.

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 insert

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

5 Nose radius, RE
04 = 0.4 mm
08 = 0.8 mm
12 = 1.2 mm

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

2 Insert shape
D=55°, V=35°

3 Insert size

4 Holder style, entering angle
J=93°, N=63°

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
K = 125 mm
M = 150 mm
P = 170 mm

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

ENG

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

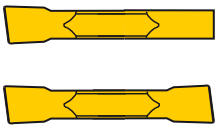
U = Left hand cutting

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

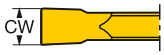
4 Number of edges

1 or 2 

3 

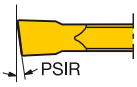
5 Insert width

E.g.: 0400 = 4.0 mm



6 Front angle

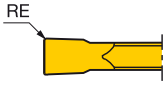
E.g.: 00 = 0°
05 = 5°



7 Corner radius

E.g.: 04 = 0.4 mm

08 = 0.8 mm



8 Geometry designation

First digit: Type of operation

A = Aluminium/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

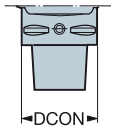
R	F	123	E	08	–	1616	B	–	007	064	B
2	3	4	5	6		7	8		10	12	13

Blade

N	123	F	55	–	25	A	2
2	4	5	6		7	8	9

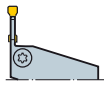
1 Coupling size

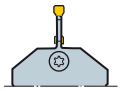
C = Coromant Capto®
DCON = Coupling size

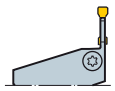


	DCON mm
C3	32
C4	40
C5	50
C6	63
C8	80

2 Hand of tool

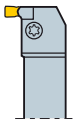
R


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

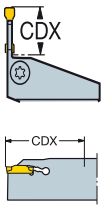
CoroCut® 3

T = Right hand cutting

U = Left hand cutting

To correspond with seat size on insert.

6 Machining limitations

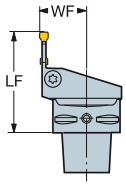


Max cutting depth, CDX in mm

08 = 8 mm

7 Shank/cutting unit dimension

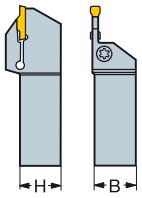
Coromant Capto®

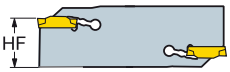


For example:

WF	LF
27 mm	55 mm

Shank tool



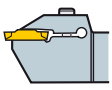
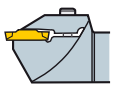


Blade
Dimensions in mm.

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

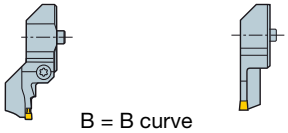
11 Special application

S = Holder for small part machines

12 Min. diameter for first cut, for face grooving

Min. diameter for first cut in mm.

13 Type of curve, for face grooving



B = B curve A = A curve

ENG

CoroCut® QD insert for parting

Q	D	–	N	G	–	0300	00	02	–	CM
1	2		3	4		5	6	7		8

1	System
Q =	CoroCut® QD

2	Application
D =	Deep parting and grooving

3	Hand of insert
N/R/L	
N = Neutral, R = Right hand, L = Left hand	

4 Seat size

Insert seat size SSC	mm	Holder seat size SSC
B	1.00 - 1.19	B
C	1.20 - 1.49	C (B)
D	1.50 - 1.99	D
E	2.00 - 2.30	E
F	2.31 - 2.99	F (E)
G	3.00 - 3.99	G (F, E)
H	4.00 - 4.99	H
J	5.00 - 5.99	J
K	6.00 - 7.80	K (J)
L	7.81 - 8.99	L

5	Insert width
CW	
0400 =	4 mm

6	Insert front angle
PSIRL, PSIRR	
E.g.:	00 = 0°

7	Insert corner radius
RE	
04 =	0,40 mm

8 Insert geometry

First letter		Second letter	
C =	Cut off	F =	Low feed
T =	Turning	M =	Medium feed
B =	Blank	R =	High feed
G =	Grooving	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

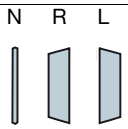
1 System

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	SSC
B	1.00 - 1.19	B
C	1.20 - 1.49	C (B)
D	1.50 - 1.99	D
E	2.00 - 2.30	E
F	2.31 - 2.99	F (E)
G	3.00 - 3.99	G (F, E)
H	4.00 - 4.99	H
J	5.00 - 5.99	J
K	6.00 - 7.80	K (J)
L	7.81 - 8.90	L

7 Cutting depth tool

Max cutting depth, CDX

60 = 60 mm

8 Through coolant

C = Coolant

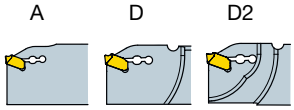
- = No coolant

9 Blade height

Cutting edge height, mm

10 Front end

A = No or straight reinforcement
D = 1 reinforcement curve
D2 = 2 reinforcement curves



ENG

CoroCut® QD QS 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

60 = 60 mm

8 Through coolant

C = Coolant

- = No coolant

9 Shank or coupling size/dia

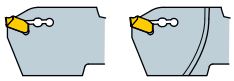
Shank	4 digits
QS	4 digits
SL	2 digits

10 Front end (reinforcement)

S = Swiss Designed for sliding head machines

A = No reinforcement

D = Reinforced curve



CoroTurn® XS

Cutting tools for turning

CXS	04	T	098	A	10	–	22	06	R
1	2	3	4	13	5		9	10	12

Cutting tools for grooving

CXS	06	F	100	–	62	15	A	R
1	2	3	6		9	10	11	12

Cutting tools 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



04 = 4 mm
05 = 5 mm
06 = 6 mm
07 = 7 mm

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)

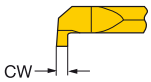
Entering angle 98°
Lead angle -8°

5 Nose radius, RE mm (Turning)



E.g.:
10 = 0.1 mm
15 = 0.15 mm
20 = 0.2 mm

6 Insert width, CW mm (Grooving)



E.g.: 100 = 1.00 mm

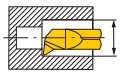
7 Pitch, mm (Threading)

mm: pitch x 100

8 Thread profile (Threading)

VM = V-Profile 60°
WH = Whitworth 55°
NT = NPT 60°
UN = UN 60°
MM = MM 60°
TR = Trapezoidal 30°

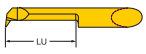
9 Min bore diameter, DMIN.



min. hole

E.g.: 22 = 2.2 mm

10 Penetration depth, LU



E.g.: 06 = 6 mm

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

ENG

CoroTurn® XS

Boring bars

CXS	A	10	–	04
1	2	3		4

Double ended boring bars

C4	–	CXS	–	47	–	04
8		1		9		4

Shank tool

CXS	–	1010	–	04	F	N
1		6		4	10	7

Coromant Capto® holder

CXS	A	10	–	04	–	04
1	2	3		4		5

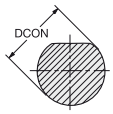
1 Main code

CXS = CoroTurn® XS

2 Type of bar

A = Steel bar with internal coolant supply

3 Bar diameter, DCON



10 = 10 mm

4 Insert size

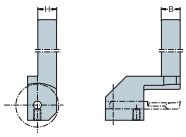


04 = 4 mm
05 = 5 mm
06 = 6 mm
07 = 7 mm

5 Insert size for sub-spindle

For double ended boring bars, same as 4.

6 Shank size (width and height), mm



H = 10 mm
B = 10 mm

7 Hand of tool

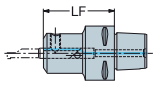
L = Left hand style
R = Right hand style
N = Neutral

8 Coromant Capto® size

C3: DCON = 32 mm
C4: DCON = 40 mm
C5: DCON = 50 mm
C6: DCON = 63 mm

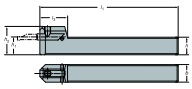
9 Coromant Capto® length

LF = 47 mm



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

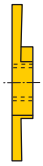
M	A	T	R	3	60	–	A
1	2	3	4	5	8		9

Shank holder

S	M	AL	R	1010	K	3	–	X
10	1	11	4	12	13	5		14

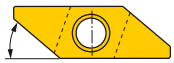
1 Family description

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

For back turning insert corner radius (RE) 005 = 0.05 mm

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

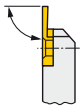
10 Clamping system

S = Screw clamping



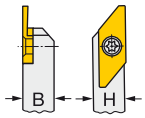
11 Holder style

AL = 90°



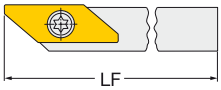
12 Shank dimensions

ex. 1010 = 10 x 10



13 Shank tool length, mm

K : LF = 125 mm



14 Additional information

X = Special designed for working with sub-spindle



ENG

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

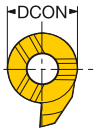
Boring bars

MB	–	A	16	–	16	–	07	R
1		13	14		10		2	15

1 Main code

MB = CoroCut® MB

2 Insert size, mm



07 = 7 mm
09 = 9 mm

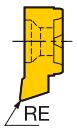
3 Type of operation

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-curve
FB = Face grooving B-curve

4 Entering angle (Turning)

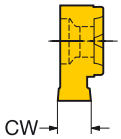
E.g.: 093 = 93°

5 Nose radius, RE mm (Turning)



E.g.: 00 = Sharp
02 = 0.2 mm

6 Insert width, CW mm (Grooving)



E.g.: 100 = 1.00 mm

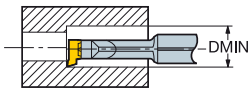
7 Pitch (Threading)

mm: pitch x 100

8 Thread profile (Threading)

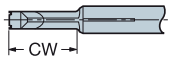
VM = V profile 60°
MM = Metric 60°
WH = Whitworth 55°
UN = UN 60°
NT = NPT 60°
AC = ACME 29°
SA = STUB-ACME

9 Min bore diameter, DMIN (Insert)



E.g.: 10 = 10 mm

10 Penetration depth, CW (boring bar)



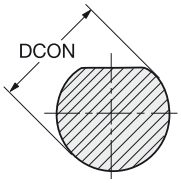
E.g.: 16 = 16 mm

12 Hand of insert

R = Right hand style

L = Left hand style

14 Bar dia, DCON mm



16 = 16 mm

15 Shank type

R = Cylindrical

No symbol = With flats

13 Type of bar

A = Steel bar with internal coolant supply

E = Carbide shank bar

16 Geometry

- = Without chip forming geometry

A = Chip forming geometry

CoroThread® 266

B

Insert for threading

266	R	G	–	22	TR0	1	F	600		E	
1	2	3		4	5	6	7	8	9	10	11

C

1 Main code

266 = CoroThread 266

2 Hand of tool

R = Right hand style

L = Left hand style

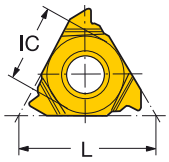
3 Type of machining

G = Inserts for external threading

L = Inserts for internal threading

4 Insert size/dimension

16 = *iC* 9.52 mm
22 = *iC* 12.70 mm
27 = *iC* 15.88 mm



D

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

E

7 Cutting edge condition

A = Edge rounded (ER)
F = Sharp cutting edge
C = Chip forming geometry

8 Pitch

mm: pitch x 100

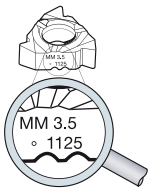
9 Supplementary code

Taper on diameter/inch per foot (i.p.f.)
1 = 1 i.p.f.
2 = 2 i.p.f.
3 = 3 i.p.f.

F

10 Tolerance of cutting edge position

M = ± 0.05 mm axial
E = ± 0.01 mm axial



[1] Marking:
All inserts are marked with the profile, grade and pitch: internal inserts being identified with a circle. To prevent erasure, the marking is laser cut on the side of the inserts.

G

11 Cubic boron nitride inserts

E = Edge rounded (ER)

H

SANDVIK Coromant

ENG

CoroThread® 266

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

Coromant Capto cutting unit

C5	–	266	R	FG	Z	35	060	–	22
9		1	2	4	5	10	11		3

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

16 = *iC* 9.52 mm
22 = *iC* 12.70 mm
27 = *iC* 15.88 mm

4 Type of tool and holder style

External



FA



FG

Internal



KF

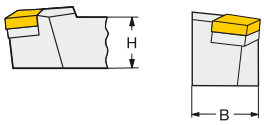
5 Holder for upside down mounting

Z = Drop head design for upside down mounting

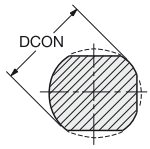


6 Shank dimension

External
Shank size H x B



Internal
Shank diameter, DCON



7 Type of shank

R = Round shank

8 Type of bar

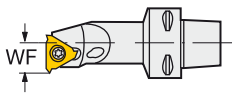
E = Carbide shank bar

9 Coromant Capto® size

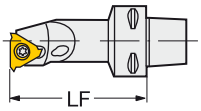
C = Coromant Capto®
DCON = size code

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

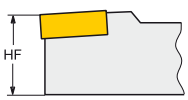
12 Cutting unit

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.

Material cross reference list

ISO	MC	CMC	Country / Standard	Germany	Great Britain		Sweden	USA	France	Italy	Spain	Japan
			Europe									
			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 E 36	-	-	-
	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

ENG

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	05.11/15.11	X10CrAL13	1.4724	403S17	-	-	405	Z10C13	X10CrAl12	F.311	SUS405
	P5.0.Z.AN	05.11/15.11	X10CrAL18	1.4742	430S15	60	-	430	Z10CAS18	X8Cr17	F.3113	SUS430
	P5.0.Z.AN	05.11/15.11	X10CrAL2-4	1.4762	-	-	2322	446	Z10CAS24	X16Cr26	-	SUH446
	P5.0.Z.AN	05.11/15.11	X1CrMoTi18-2	1.4521	-	-	2326	S44400	-	-	-	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	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	05.11/15.11	X10Cr13	1.4006	410S21	56A	2302	410	Z10C14	X12Cr13	F.3401	SUS410
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	X6Cr17	1.4016	430S15	960	2320	430	Z8C17	X8Cr17	F3113	SUS430
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	X6CrAL13	1.4002	405S17	-	-	405	Z8CA12	X6CrAl13	-	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	X20Cr13	1.4021	420S37	-	2303	420	Z20C13	X20Cr13	-	-
	P5.0.Z.AN/P5.0.Z.HT	05.11/15.11	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	05.11/15.11	X85CrMoV18-2	1.4748	443S65	59	-	HNV6	Z80CSN20.02	X80CrSiNi20	F.320B	SUH4
	P5.0.Z.HT	05.11/15.11	X20CrMoV12-1	1.4922	-	-	2317	-	-	X20CrMoNi 12 01	-	-
	P5.0.Z.PH	05.11/15.11	X12CrS13	1.4005	416 S 21	-	2380	416	Z11CF13	X12 CrS 13	F-3411	SUS 416
	P5.0.Z.PH	05.11/15.11	X46Cr13	1.4034	420S45	56D	2304	-	Z40CM	X40Cr14	F.3405	SUS420J2
	P5.0.Z.PH	05.11/15.11	X19CrNi17-2	1.4057	431S29	57	2321	431	Z15CNi6.02	X16CrNi16	F.3427	SUS431
	P5.0.Z.PH	05.12/15.12	X5CrNiCuNb16-4	1.4542 1.4548	-	-	-	630	Z7CNU17-04	-	-	-
	P5.0.Z.PH	15.21	X4 CrNiMo16-5	1.4418	-	-	2387	-	Z6CND16-04-01	-	-	-
	P5.1.Z.AN/P5.0.Z.HT	05.11/15.11	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**											
	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, 2347	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, 2333	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)							

Stainless 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
	Grey 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	**Aluminium 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 alloys											
	-	-	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 alloys									
	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 Sandvik Coromant Recycling Concept (CRC) now!

The Sandvik Coromant Recycling Concept (CRC) is a comprehensive service for used carbide inserts 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 carbide 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 Sandvik Coromant dealer who can also give you more information.



The benefits of the CRC speak for themselves

- A worldwide ISO and OHAS certified recycling system.
- Open to all Sandvik Coromant 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 centre. We recommend one collection box for inserts and one separate box for solid carbide tools for each cutting workplace.
For detailed instructions on how to sell your used cemented carbide, please visit www.sandvik.coromant.com and select your market.

	Order numbers
Collection box:	91617
Transport box for solid carbide tools (plywood):	92994
Transport box inserts (plywood):	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 products that give off dangerous dust and fumes. Avoiding ingestion and contact with skin or eyes is very important.

Acute toxicity

Intake of the aforementioned substances is toxic. 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. Sensitive individuals may even experience an allergic reaction.

Chronic toxicity

Repeated inhalation of aerosols containing cobalt may cause obstruction of the airways. Prolonged exposure to increased concentrations may cause lung fibrosis or lung cancer. Epidemiological studies indicate that workers previously exposed 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 and sensitization.

Risk phrases

Toxic: danger of serious damage to health by prolonged exposure through inhalation
Toxic when inhaled
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 nationally authorised limits.
If ventilation is not available or adequate, use respirators appropriately 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 if needed.
Do not eat, drink or smoke in the working area. Wash skin thoroughly before eating, drinking or smoking.

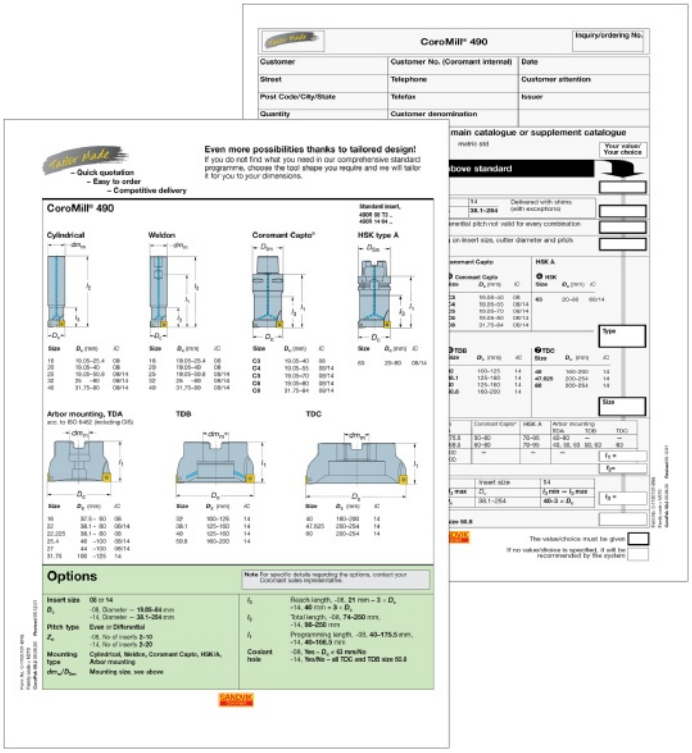


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Tailor Made

Additional tool options designed for your specific requirements.

Apart from a comprehensive standard programme we can offer tools to your dimensions on standard tool terms. In our Tailor Made offer you are free to specify your own dimensions without paying the price of a special tool.



What you can expect from us

- Quick quotation
- Easy ordering
- Performance guarantee at 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

Adaptors
- Coromant Capto®

Engineered solutions

When standard or Tailor Made solutions do not fulfill your needs you can depend on Sandvik Coromant's wide experience in engineered tool solutions to handle particularly demanding criteria. Access our Tailor Made forms at www.sandvik.coromant.com

To make life easier, a new standard has been 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 becomes very straightforward.

What does this mean to 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 catalogues 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	Clearance angle axial
AN	Clearance angle major
ANN	Clearance angle minor
APMX	Depth of cut maximum
B	Shank width
BAWS	Body angle workpiece side
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	Axial groove outside diameter maximum
DBC	Diameter bolt circle

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DC	Cutting diameter
DCB	Connection bore diameter
DCBN	Connection bore diameter minimum
DCBX	Connection bore diameter maximum
DCF	Cutting diameter face contact
DCN	Cutting diameter minimum
DCON	Connection diameter
$DCON_{MS}$	Connection diameter machine side
$DCON_{WS}$	Connection diameter workpiece side
$DCSF_{MS}$	Contact surface diameter machine side
$DCSF_{WS}$	Contact surface diameter workpiece side
DCX	Cutting diameter maximum
DIX	Tool changer interference diameter maximum
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	Thread height actual
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	Length chip flute
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	Clamping length minimum
LSCS	Distance to clamping start
LSCX	Clamping length maximum
LSD	Dead shank length
LU	Usable length (max. recommended)
LUX	Usable length maximum
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	Overhang minimum
OHX	Overhang maximum
ORDCODE	Ordercode

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	Cutting edge angle major left hand
PSIRR	Cutting edge angle major right hand
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	Splitline
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	Form type
THFTS	Thread form standard series
THL	Thread length
THUB	Hub thickness
TP	Thread pitch
TPI	Threads per inch
TPIN	Threads per inch minimum
TPIX	Threads per inch maximum
TPN	Thread pitch minimum
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

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