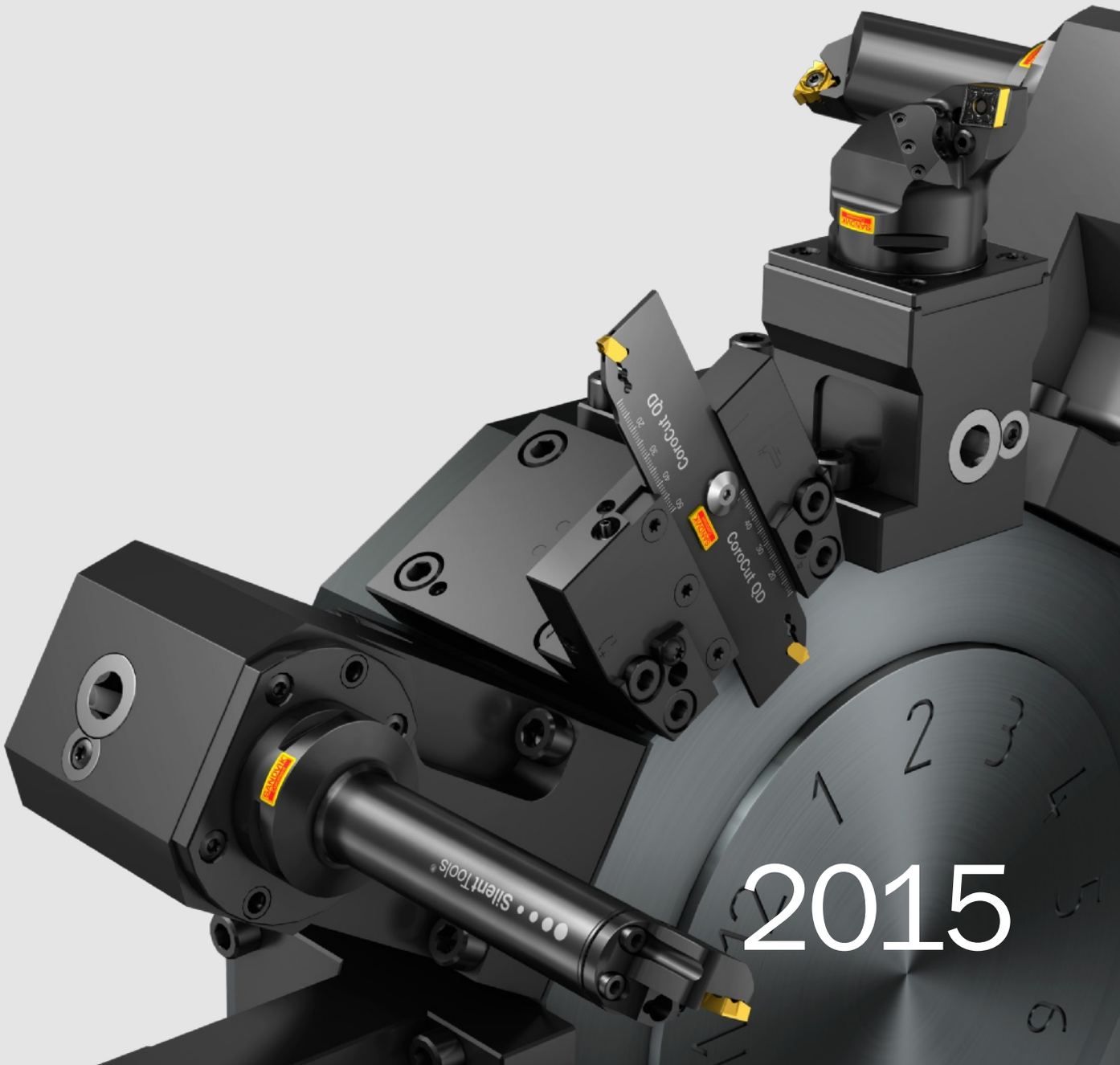
CUTTING TOOLS FROM SANDVIK COROMANT

SANDVIK Coromant

Turning tools

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



2015

CoroCut® 1-2

Versatile system with 1 or 2 cutting edges

Parting, profiling and grooving operations

Application

- Parting off
- External grooving
- Face grooving
- Internal grooving
- Profiling

P M K N S H

ISO application area

Tailor Made

See page I5

Inserts

- Geometries and grades for all applications and feeds
- Insert widths: 1.5-15 mm (0.06-0.59 inch)
- Insert grades in advanced cutting materials PCD and CBN
- Wiper inserts for excellent surface finish
- Blanks for do-it-yourself grinding

Tool holding

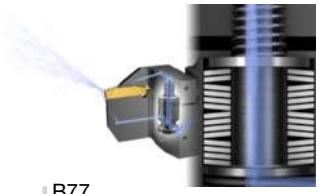
- Coromant Capto®
- Parting blades
- Rectangular shank
- QS shank tools
- Cylindrical boring bars
- CoroTurn® SL cutting blades and adaptors
- VDI and HSK-T adaptors

Adaptors with plug and play function

Wiper TECHNOLOGY

Note: In parting off and grooving CoroCut® 1-2 is the best choice to depths where the 2-edged inserts can be used.

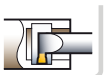
Over- and under coolant
Tools with internal over- and under coolant available for best chip control and tool life.



Rigid spring clamping
The system combines rigid spring clamping mechanism with railed insert seat and long inserts for exceptional stability.


B10


B38


B77

CoroCut® QD

1-edged system with plug and play coolant

For secure parting off and deep grooving

Tailor Made

See page I5

Application

- Parting off
- Deep groving
- When machining with long overhang

P M K N S

ISO application area

Inserts

- Insert grades and geometries dedicated for parting off
- Insert widths: 2-8 mm (0.08-0.315 inch)
- Max. cutting diameter: 160 mm (6.3 inch)
- Wiper inserts for excellent surface finish
- Blanks for do-it-yourself grinding

Tool holding

- Parting blades
- QS shank tools
- Rectangular shank holders
- Coromant Capto®
- CoroTurn® SL blades
- VDI and HSK-T adaptors

Adaptors with plug and play function

Wiper TECHNOLOGY

See page 37

Key for insert indexing
Quick-release key for insert indexing with one hand.

High 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.

B81

B90

CoroCut® 3

System with 3 cutting edges

Shallow parting off and precision grooving

Tailor Made

See page I5

Inserts

- Three cutting edges for economical machining
- Insert widths: 0.5-3.18mm (0.02-0.125 inch)
- Cutting depths: ≤6.4 mm (0.252 inch)
- Blanks for do-it-yourself grinding

Application

- Parting off
- External grooving
- Circlip grooving
- Profiling
- Optimized for parting off bearing rings

P M K S

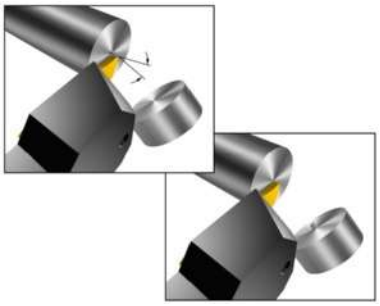
ISO application area

Tool holding

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

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



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 on the machine by unscrewing two turns. If insert breakage occurs, the clamping mechanism will not be affected - just index the insert and re-start the machine.

B111

B118

T-Max Q-Cut® (type 151.3)

Single-edged system

Internal grooving and face grooving

Tailor Made

See page I5

Application

- Internal grooving
- Face grooving
- For small diameter internal machining

P M K N S H

ISO application area

Inserts

- Insert width: 1.85-8 mm (0.073-0.315 inch)
- Blanks for do-it-yourself grinding
- Tailor made

Tool holding

- Rectangular shank holders
- Boring bars
- Coromant Capto®
- CoroTurn® SL cutting heads
- VDI and HSK-T adaptors


B134


B138


B143

CoroThread® 266

Grooving inserts with 3 cutting edges

For circlip grooving and other shallow grooves

iLock™
ingenious locking interface

See page 37

Application

- For demanding external and internal grooving operations
- Circlip grooving
- Shallow grooves
- Low to medium feeds

P M K N S
-ISO application area

Inserts

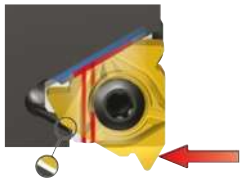
- Inserts in grade GC1135
- Positive geometry for low cutting forces
- Insert size 16 and 22

Tool holding

- Coromant Capto®
- Rectangular shank holders
- Cylindrical boring bars for use with Easyfix
- Cylindrical boring bars with flat
- CoroTurn® SL cutting heads
- Silent Tools™

SilentTools®

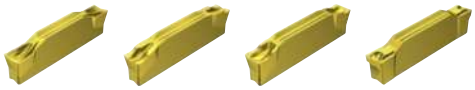
The inserts can be used in CoroThread 266 tool holders. For correct inclination angle, a 0° shim must be used.



Secure iLock™ clamping
The slotted insert sits rigidly on the T-rails in the pocket eliminating any insert movement caused by cutting force variations.

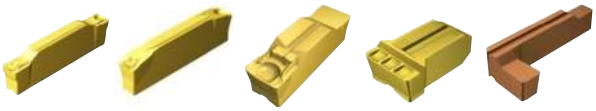
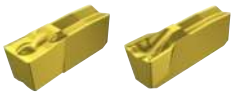
Parting and grooving inserts

Parting

	CoroCut® 1-2				CoroCut® QD				
									
	123-CF	**123-CM**	**123-CR**	**123-CS**	**QD-CF**	**QD-CL**	**QD-CM**	**QD-CO**	**QD-CR**
Insert width, mm	2.50-4.00	1.50-5.00	2.50-6-00	1.50-3.00	1.87-3.12	2.50-8.00	2.00-6.00	2.50-4.00	2.50-4.00
Insert width, inch	.098-.157	.059-.197	.098-.236	.059-.118	.062-.188	.098-.315	.079-.236	.098-.157	.098-.157
Page	B10	B11	B13	B15	B81	B82	B83	B85	B87

	CoroCut® 3	
		
	123-CM	**123-CS**
Insert width, mm	1.00-2.00	1.00-2.00
Insert width, inch	.039-.079	.039-.079
Page	B113	B111

Grooving

	CoroCut® 1-2					CoroCut® 3	T-Max Q-Cut®	
								
	123-GF	**123-GM**	**123-GM**	**123-GR**	**123-GS**	**123-GS**	**151.3-4G**	**151.3-7G**
Insert width, mm	1.50-8.00	2.00-11.00	12.00-15.00	15.00	2.00-4.00	0.50-3.18	1.85-8.00	3.00-6.00
Insert width, inch	.059-.315	.079-.433	.472-.591	.591	.079-.157	.020-.125	.073-.315	.118-.236
Page	B16	B19	B20	B20	B22	B114	B134	B136

	T-Max®	CoroThread® 266	CoroCut® 1-2 Hardened materials
			
	BP	**254**	**123-S**
Insert width, mm	12.70-19.05	1.10-4.15	3.00-8.00
Insert width, inch	.500-.750	.043-.163	.118-.315
Page	B149	B152	B21

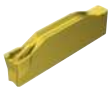
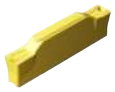
Parting and grooving inserts

Profiling

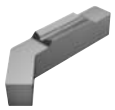
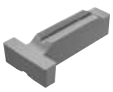
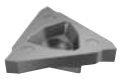
	CoroCut® 1-2							CoroCut® 3
								
	123-RO	**123-RM**	**123-AM**	**123-RS**	**123-RE**	**123-RO**	**123-RS**	**123-RS**
Insert width, mm	2.00-8.00	3.00-8.00	6.00-8.00	3.00-8.00	2.00-8.00	2.00-4.00	2.00-4.00	0.50-3.00
Insert width, inch	.079-.315	.118-.315	.236-.315	.118-.315	.079-.315	.079-.175	.079-.157	.020-.118
Page	B25	B28	B29	B30	B32	B35	B34	B116

	T-Max Q-Cut®	CoroCut® 1-2 Hardened materials	
			
	151.3-7P	**123-S**	**123-RE**
	3.00-6.00	3.00-8.00	2.00-8.00
	.118-.236	.118-.315	.079-.315
	B137	B30	B33

Turning

	CoroCut® 1-2		CoroCut® QD
			
	123-TF	**123-TM**	**QD-TF**
Insert width, mm	3.00-8.00	3.00-8.00	3.00-8.00
Insert width, inch	.118-.315	.118-.315	.118-.315
Page	B23	B24	B88

Blanks

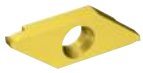
	CoroCut® 1-2				CoroCut® QD	CoroCut® 3
						
	123-BG	**123-BG**	**123-BG**	**123-BG**	**QD-BG**	**123-BG**
Insert width, mm	2.30-11.60	6.00	6.00	4.00	2.00-10.00	3.40
Insert width, inch	.091-.457	.236	.236	.157	.079-.394	.134
Page	B36	B36	B36	B37	B89	B117

Parting and grooving inserts

Parting

	CoroCut® XS	
	 MACR/L	 MACR/L-T
Insert width, mm	0.70-2.50	1.00-2.50
Insert width, inch	.028-.098	.039-.098
Page	B123	B125

Grooving

	CoroCut® XS	CoroTurn® XS	CoroCut® MB
	 MAGR/L	 CXS-..G	 MB-..G
Insert width, mm	0.50-2.00	0.78-2.00	0.73-3.00
Insert width, inch	.020-.098	.031-.079	.039-.118
Page	B126	B156	B165

Face grooving

	CoroTurn® XS	CoroCut® MB	
	 CXS-..F	 MB-FA	 MB-FB
Insert width, mm	1.00-3.00	1.00-3.00	1.00-3.00
Insert width, inch	.039-.118	.039-.118	.039-.118
Page	B162	B169	B169

Pre-parting

	CoroTurn® XS	CoroCut® MB
	 CXS-..GX	 MB-..GX
Insert width, mm	1.00	1.00
Insert width, inch	.039	.039
Page	B155	B164

Profiling

	CoroTurn® XS	CoroCut® MB
	 CXS-..R	 MB-..R
Insert width, mm	1.00-2.00	0.80-3.00
Insert width, inch	.039-.079	.012-.118
Page	B163	B170

Blanks

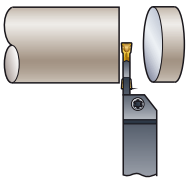
	CoroCut® XS
	 MAXR/L
Insert width, mm	3.18
Insert width, inch	.125
Page	B127

		 Parting off	 Grooving	 Face grooving	 Profiling
CoroCut® 1-2	Coromant Capto®	B38			
	Blade	B42			
	QS Shank	B44		B48	
	Shank	B49	B57	B59	B64
	SL external cutting head		B67	B69	B75
	SL internal cutting head		B80		
	Boring bar		B77		B79
CoroCut® QD	Blade	B90			
	QS Shank	B104			
	Shank	B106			
	SL cutting head		B110		
CoroCut® 3	Coromant Capto®	B118			
	QS Shank	B119			
	Shank	B121			
	SL cutting head	B122			
CoroCut® XS	QS Shank	B128			
	Shank	B131			
	SL cutting head	B133			
T-Max Q-Cut® 151.3	Shank External			B138	
	Shank Internal			B143	
	SL external cutting head			B141	
	SL internal cutting head		B147		
	Boring bar		B144		
T-Max®	Blade		B150		
	Shank		B151		
CoroCut® MB	Rectangular shank				G63
	Cylindrical shank		G78		
	Cylindrical shank with flats		G86		
CoroThread® 266	Boring bar		B153		
T-Max® U-Lock	Boring bar		B154		

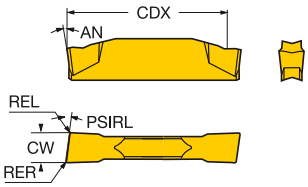
CoroCut® 1-2 insert for parting

B

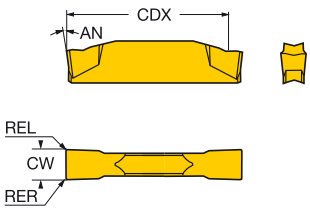
Parting



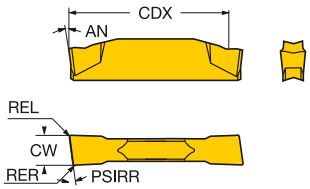
L123x2-CF



N123x2-CF



R123x2-CF

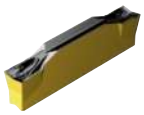


C

Wiper TECHNOLOGY

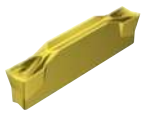
CoroCut® 2-edge

D



SSC	CW	REL	RER	CDX	Ordering code	P 1105	P 1125	P 1145	P 2135	P 3115	P 4325	P 525	M 1105	M 1125	M 1145	M 2135	K 1125	K 3115	K 4325	N 1125	S 1105	S 1125	Dimensions, mm, inch AN
F	2.50	0.10	0.10	18.4	N123F2-0250-0001-CF	☆	☆	☆	☆		☆		☆	☆	☆	☆	☆		☆	☆	☆	☆	7°
	.098	.003	.003	.724																			
G	3.00	0.10	0.10	18.4	N123G2-0300-0001-CF	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	7°
	.118	.003	.003	.724																			
H	4.00	0.15	0.15	23.3	N123H2-0400-0001-CF	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.157	.005	.005	.917																			

E



SSC	CW	PSIRL	PSIRR	REL	RER	CDX	Ordering code	P 1125	P 1145	P 2135	M 1125	M 1145	M 2135	K 1125	N 1125	S 1125	Dimensions, mm, inch AN
F	2.50	5°		0.15	0.15	18.4	L123F2-0250-0501-CF	☆	☆		☆	☆		☆	☆	☆	7°
	.098			.005	.005	.724											
	2.50		5°	0.15	0.15	18.4	R123F2-0250-0501-CF	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.098			.005	.005	.724											
G	3.00	5°		0.15	0.15	18.3	L123G2-0300-0501-CF	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.118			.005	.005	.720											
	3.00		5°	0.15	0.15	18.3	R123G2-0300-0501-CF	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.118			.005	.005	.720											
H	4.00	5°		0.15	0.15	23.2	L123H2-0400-0501-CF	☆			☆			☆	☆	☆	7°
	.157			.005	.005	.913											
	4.00		5°	0.15	0.15	23.2	R123H2-0400-0501-CF	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.157			.005	.005	.913											

SSC = To correspond with SSC on holder.

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

F

G

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123x2-CF	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-CF	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039
R123x2-CF	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039

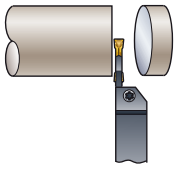
H

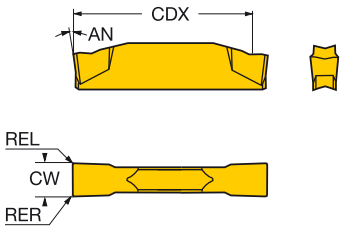
I

B38 B172 B182 B192 I1 I25

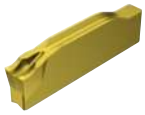
CoroCut® 1-2 insert for parting

Parting





CoroCut® 1-edge



SSC	CW	REL	RER	Ordering code	P 1125	P 1145	P 2135	M 1125	M 1145	M 2135	K 1125	N 1125	S 1125	S 1145	S 2135	Dimensions, mm, inch AN
E	2.00	0.20	0.20	N123E1-0200-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.079	.007	.007													
F	2.50	0.20	0.20	N123F1-0250-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.098	.007	.007													
G	3.00	0.20	0.20	N123G1-0300-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.118	.007	.007													
H	4.00	0.20	0.20	N123H1-0400-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.157	.007	.007													
J	5.00	0.20	0.20	N123J1-0500-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.197	.007	.007													

CoroCut® 2-edge

SSC	CW	REL	RER	CDX	Ordering code	P 1105	P 1125	P 1145	P 2135	P 3115	P 4325	P 525	M 1105	M 1125	M 1145	M 2135	K 1125	K 3115	K 4325	N 1125	S 1105	S 1125	S 1145	S 2135	Dimensions, mm, inch AN
D	1.50	0.20	0.20	12.9	N123D2-0150-0002-CM	☆	☆	☆	☆				☆	☆	☆	☆	☆			☆	☆	☆	☆	☆	7°
	.059	.007	.007	.508																					
E	2.00	0.20	0.20	19.0	N123E2-0200-0002-CM		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.079	.007	.007	.748																					
F	2.50	0.20	0.20	18.9	N123F2-0250-0002-CM		☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.098	.007	.007	.744																					
G	3.00	0.20	0.20	18.9	N123G2-0300-0002-CM		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.118	.007	.007	.744																					
H	4.00	0.20	0.20	24.1	N123H2-0400-0002-CM		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.157	.007	.007	.949																					
J	5.00	0.20	0.20	24.1	N123J2-0500-0002-CM		☆	☆	☆					☆	☆	☆	☆			☆		☆	☆	☆	7°
	.197	.007	.007	.949																					

SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:

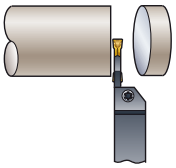
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1-CM	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-CM	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039

B38 B172 B182 B192 I1 I25

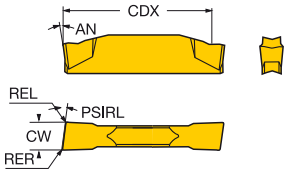
CoroCut® 1-2 insert for parting

B

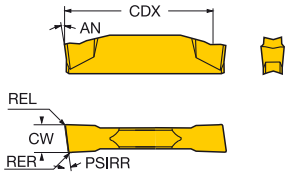
Parting



L123x2-CM



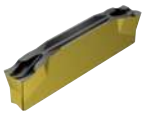
R123x2-CM



C

CoroCut® 2-edge

D



SSC	CW	PSIRL	PSIRR	REL	RER	CDX	Ordering code	P 1125	P 1145	P 2135	P 3115	P 4325	M 1125	M 1145	M 2135	K 1125	K 3115	K 4325	N 1125	S 1125	S 1145	S 2135	Dimensions, mm, inch AN
E	2.00	5°		0.20	0.20	19.0	L123E2-0200-0502-CM	☆	☆	☆			☆	☆	☆	☆			☆	☆	☆	☆	7°
	.079			*.007*	*.007*	*.748*																	
	2.00		5°	0.20	0.20	19.0	R123E2-0200-0502-CM	☆	☆	☆			☆	☆	☆	☆			☆	☆	☆	☆	7°
	.079			*.007*	*.007*	*.748*																	
F	2.50	5°		0.20	0.20	18.9	L123F2-0250-0502-CM	☆	☆	☆			☆	☆	☆	☆			☆	☆	☆	☆	7°
	.098			*.007*	*.007*	*.744*																	
	2.50		5°	0.20	0.20	18.9	R123F2-0250-0502-CM	☆	☆	☆			☆	☆	☆	☆			☆	☆	☆	☆	7°
	.098			*.007*	*.007*	*.744*																	
G	3.00	5°		0.20	0.20	18.8	L123G2-0300-0502-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.118			*.007*	*.007*	*.740*																	
	3.00		5°	0.20	0.20	18.8	R123G2-0300-0502-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.118			*.007*	*.007*	*.740*																	
H	4.00	5°		0.20	0.20	24.1	L123H2-0400-0502-CM	☆	☆	☆			☆	☆	☆	☆			☆	☆	☆	☆	7°
	.157			*.007*	*.007*	*.949*																	
	4.00		5°	0.20	0.20	24.1	R123H2-0400-0502-CM	☆	☆	☆			☆	☆	☆	☆			☆	☆	☆	☆	7°
	.157			*.007*	*.007*	*.949*																	
J	5.00	5°		0.20	0.20	24.1	L123J2-0500-0502-CM	☆		☆			☆		☆	☆			☆	☆		☆	7°
	.197			*.007*	*.007*	*.949*																	
	5.00		5°	0.20	0.20	24.1	R123J2-0500-0502-CM	☆	☆	☆			☆	☆	☆	☆			☆	☆	☆	☆	7°
	.197			*.007*	*.007*	*.949*																	

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

E

F

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123x2-CM	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039
R123x2-CM	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039

G

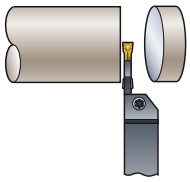
H

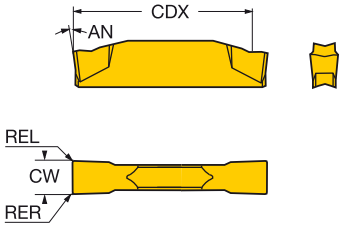
I

B38 B172 B182 B192 I1 I25

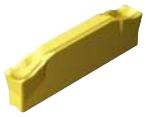
CoroCut® 1-2 insert for parting

Parting





CoroCut® 1-edge

	SSC	CW	REL	RER	Ordering code	P 1125	P 1145	P 2135	M 1125	M 1145	M 2135	K 1125	Dimensions, mm, inch AN
	F	2.50	0.30	0.30	N123F1-0250-0003-CR	☆		☆	☆		☆	☆	7°
		.098	*.011*	*.011*									
	G	3.00	0.30	0.30	N123G1-0300-0003-CR	☆	☆	☆	☆	☆	☆	☆	7°
		.118	*.011*	*.011*									
	H	4.00	0.30	0.30	N123H1-0400-0003-CR	☆	☆	☆	☆	☆	☆	☆	7°
		.157	*.011*	*.011*									
	J	5.00	0.40	0.40	N123J1-0500-0004-CR	☆	☆	☆	☆	☆	☆	☆	7°
		.197	*.015*	*.015*									

CoroCut® 2-edge

	SSC	CW	REL	RER	CDX	Ordering code	P 1125	P 1145	P 2135	P 3115	P 4325	P 525	M 1105	M 1125	M 1145	M 2135	K 1125	K 3115	K 4325	S 1105	Dimensions, mm, inch AN
	F	2.50	0.30	0.30	18.9	N123F2-0250-0003-CR	☆	☆	☆	☆	☆			☆	☆	☆	☆	☆	☆		7°
		.098	*.011*	*.011*	*.744*																
	G	3.00	0.30	0.30	18.8	N123G2-0300-0003-CR	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.118	*.011*	*.011*	*.740*																
	H	4.00	0.30	0.30	23.7	N123H2-0400-0003-CR	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	7°
		.157	*.011*	*.011*	*.933*																
	J	5.00	0.40	0.40	23.7	N123J2-0500-0004-CR	☆	☆	☆	☆	☆			☆	☆	☆	☆	☆	☆		7°
		.197	*.015*	*.015*	*.933*																
	K	6.00	0.40	0.40	23.5	N123K2-0600-0004-CR	☆	☆	☆	☆	☆			☆	☆	☆	☆	☆	☆		7°
		.236	*.015*	*.015*	*.925*																

SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:

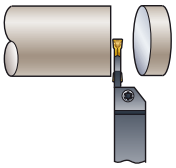
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1-CR	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-CR	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039

B38 B172 B182 B192 I1 I25

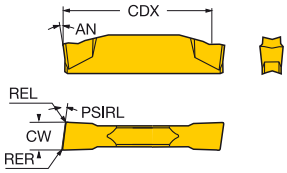
CoroCut® 1-2 insert for parting

B

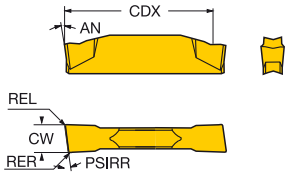
Parting



L123x2-CR



R123x2-CR



C

CoroCut® 2-edge

D

SSC	CW	PSIRL	PSIRR	REL	RER	CDX	Ordering code	P 1125	P 1145	P 2135	M 1125	M 1145	M 2135	K 1125	Dimensions, mm, inch AN
F	2.50	5°		0.30	0.30	18.9	L123F2-0250-0503-CR	☆		☆	☆		☆	☆	7°
	.098			*.011*	*.011*	*.744*									
	2.50		5°	0.30	0.30	18.9	R123F2-0250-0503-CR	☆	☆	☆	☆	☆	☆	☆	7°
	.098			*.011*	*.011*	*.744*									
G	3.00	5°		0.30	0.30	18.8	L123G2-0300-0503-CR	☆	☆	☆	☆	☆	☆	☆	7°
	.118			*.011*	*.011*	*.740*									
	3.00		5°	0.30	0.30	18.8	R123G2-0300-0503-CR	☆	☆	☆	☆	☆	☆	☆	7°
	.118			*.011*	*.011*	*.740*									
H	4.00	5°		0.30	0.30	23.7	L123H2-0400-0503-CR	☆	☆	☆	☆	☆	☆	☆	7°
	.157			*.011*	*.011*	*.933*									
	4.00		5°	0.30	0.30	23.7	R123H2-0400-0503-CR	☆	☆	☆	☆	☆	☆	☆	7°
	.157			*.011*	*.011*	*.933*									
J	5.00	5°		0.40	0.40	23.6	L123J2-0500-0504-CR	☆		☆	☆		☆	☆	7°
	.197			*.015*	*.015*	*.929*									
	5.00		5°	0.40	0.40	23.6	R123J2-0500-0504-CR	☆		☆	☆		☆	☆	7°
	.197			*.015*	*.015*	*.929*									

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

E

F

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123x2-CR	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039
R123x2-CR	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039

G

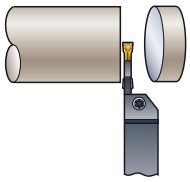
H

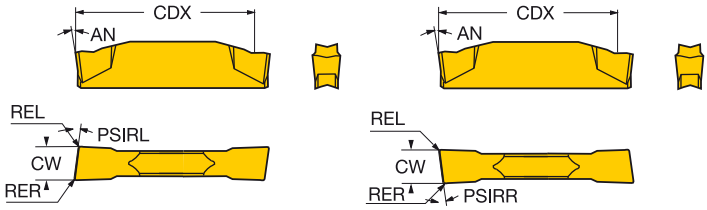
I

B38 B172 B182 B192 I1 I25

CoroCut® 1-2 insert for parting

Parting





CoroCut® 2-edge

SSC	CW	PSIRL	PSIRR	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch AN
D	1.50	10°		0.10	0.10	13.4	L123D2-0150-1001-CS	☆	☆	☆	☆	☆	7°
	.059			.003	.003	.528							
	1.50	15°		0.10	0.10	13.4	L123D2-0150-1501-CS	☆	☆	☆	☆	☆	7°
	.059			.003	.003	.528							
	1.50		10°	0.10	0.10	13.4	R123D2-0150-1001-CS	☆	☆	☆	☆	☆	7°
	.059			.003	.003	.528							
	1.50		15°	0.10	0.10	13.4	R123D2-0150-1501-CS	☆	☆	☆	☆	☆	7°
	.059			.003	.003	.528							
E	2.00	10°		0.10	0.10	19.4	L123E2-0200-1001-CS	☆	☆	☆	☆	☆	7°
	.079			.003	.003	.764							
	2.00	15°		0.10	0.10	19.4	L123E2-0200-1501-CS	☆	☆	☆	☆	☆	7°
	.079			.003	.003	.764							
	2.00		10°	0.10	0.10	19.4	R123E2-0200-1001-CS	☆	☆	☆	☆	☆	7°
	.079			.003	.003	.764							
	2.00		15°	0.10	0.10	19.4	R123E2-0200-1501-CS	☆	☆	☆	☆	☆	7°
	.079			.003	.003	.764							
F	2.50	10°		0.10	0.10	19.4	L123F2-0250-1001-CS	☆	☆	☆	☆	☆	7°
	.098			.003	.003	.764							
	2.50	15°		0.10	0.10	19.4	L123F2-0250-1501-CS	☆	☆	☆	☆	☆	7°
	.098			.003	.003	.764							
	2.50		10°	0.10	0.10	19.4	R123F2-0250-1001-CS	☆	☆	☆	☆	☆	7°
	.098			.003	.003	.764							
	2.50		15°	0.10	0.10	19.4	R123F2-0250-1501-CS	☆	☆	☆	☆	☆	7°
	.098			.003	.003	.764							
G	3.00	10°		0.10	0.10	19.4	L123G2-0300-1001-CS	☆	☆	☆	☆	☆	7°
	.118			.003	.003	.764							
	3.00	15°		0.10	0.10	19.4	L123G2-0300-1501-CS	☆	☆	☆	☆	☆	7°
	.118			.003	.003	.764							
	3.00		10°	0.10	0.10	19.4	R123G2-0300-1001-CS	☆	☆	☆	☆	☆	7°
	.118			.003	.003	.764							
	3.00		15°	0.10	0.10	19.4	R123G2-0300-1501-CS	☆	☆	☆	☆	☆	7°
	.118			.003	.003	.764							

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

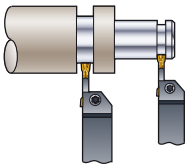
Tolerances:

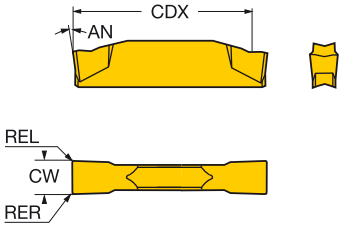
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123x2-CS	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020
R123x2-CS	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020

B38 B172 B182 B192 I1 I25

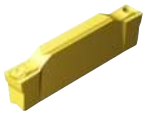
CoroCut® 1-2 insert for grooving

Grooving





CoroCut® 2-edge



SSC	CW	REL	RER	CDX	Ordering code	P 1105	P 1125	P 2135	P 525	M 1105	M 1125	M 2135	M H13A	K 1125	K H13A	N 1125	N H13A	S 1105	S 1125	S 2135	S H13A	Dimensions, mm, inch AN
D	1.50	0.10	0.10	13.3	N123D2-0150-0001-GF	☆	☆		☆	☆	☆			☆		☆		☆	☆			7°
	.059	*.003*	*.003*	*.524*																		
E	1.98	0.20	0.20	19.2	N123E2-0198-0002-GF		☆				☆			☆		☆			☆			7°
	.078	*.007*	*.007*	*.756*																		
	2.00	0.20	0.20	19.2	N123E2-0200-0002-GF		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.079	*.007*	*.007*	*.756*																		
	2.00	0.40	0.40	19.2	N123E2-0200-0004-GF		☆			☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	7°
	.079	*.015*	*.015*	*.756*																		
	2.24	0.20	0.20	19.2	N123E2-0224-0002-GF	☆	☆			☆	☆			☆		☆		☆	☆			7°
	.088	*.007*	*.007*	*.756*																		
F	2.39	0.20	0.20	19.2	N123F2-0239-0002-GF		☆			☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	7°
	.094	*.007*	*.007*	*.756*																		
	2.39	0.40	0.40	19.2	N123F2-0239-0004-GF	☆	☆			☆	☆			☆		☆		☆	☆			7°
	.094	*.015*	*.015*	*.756*																		
	2.46	0.30	0.30	19.1	N123F2-0246-0003-GF	☆	☆		☆	☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	7°
	.097	*.011*	*.011*	*.752*																		
	2.67	0.20	0.20	19.2	N123F2-0267-0002-GF	☆	☆			☆	☆			☆		☆		☆	☆			7°
	.105	*.007*	*.007*	*.756*																		
	2.79	0.30	0.30	19.1	N123F2-0279-0003-GF	☆	☆			☆	☆			☆		☆		☆	☆			7°
	.110	*.011*	*.011*	*.752*																		
G	3.00	0.20	0.20	19.2	N123G2-0300-0002-GF		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	7°
	.118	*.007*	*.007*	*.756*																		
	3.00	0.40	0.40	19.2	N123G2-0300-0004-GF	☆	☆			☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	7°
	.118	*.015*	*.015*	*.756*																		
	3.10	0.20	0.20	19.2	N123G2-0310-0002-GF		☆				☆			☆		☆			☆			7°
	.122	*.007*	*.007*	*.756*																		
	3.18	0.20	0.20	19.2	N123G2-0318-0002-GF		☆		☆	☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	7°
	.125	*.007*	*.007*	*.756*																		
	3.18	0.40	0.40	19.2	N123G2-0318-0004-GF		☆				☆			☆		☆			☆			7°
	.125	*.015*	*.015*	*.756*																		
	3.18	0.80	0.80	19.2	N123G2-0318-0008-GF	☆	☆			☆	☆			☆		☆		☆	☆			7°
	.125	*.031*	*.031*	*.756*																		
	3.61	0.30	0.30	19.1	N123G2-0361-0003-GF	☆	☆			☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	7°
	.142	*.011*	*.011*	*.752*																		

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

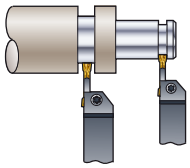
Tolerances:

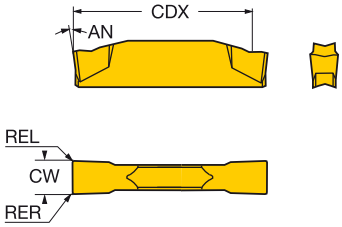
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x2-GF	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020

B38 B77 B172 B182 B192 I5 I1 I25

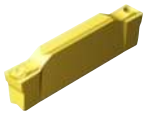
CoroCut® 1-2 insert for grooving

Grooving





CoroCut® 2-edge

	SSC	CW	REL	RER	CDX	Ordering code	P 1105	P 1125	P 2135	P 525	M 1105	M 1125	M 2135	M H13A	K 1125	K H13A	N 1125	N H13A	S 1105	S 1125	S 2135	S H13A	Dimensions, mm, inch AN
	H	3.96	0.20	0.20	24.4	N123H2-0396-0002-GF		☆			☆	☆			☆		☆		☆	☆			7°
		.156	.007	.007	.961																		
		3.96	0.40	0.40	24.4	N123H2-0396-0004-GF		☆				☆			☆		☆			☆			7°
		.156	.015	.015	.961																		
		3.96	0.80	0.80	24.4	N123H2-0396-0008-GF	☆	☆			☆	☆			☆		☆		☆	☆			7°
		.156	.031	.031	.961																		
		4.00	0.20	0.20	24.4	N123H2-0400-0002-GF		☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	7°
		.157	.007	.007	.961																		
		4.00	0.40	0.40	24.4	N123H2-0400-0004-GF		☆			☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	7°
		.157	.015	.015	.961																		
		4.52	0.20	0.20	24.4	N123H2-0452-0002-GF		☆				☆		☆	☆	☆	☆	☆		☆		☆	7°
		.178	.007	.007	.961																		
		4.70	0.50	0.50	24.1	N123H2-0470-0005-GF		☆				☆			☆		☆			☆			7°
		.185	.019	.019	.949																		
		4.75	0.40	0.40	24.1	N123H2-0475-0004-GF		☆				☆			☆		☆			☆			7°
		.187	.015	.015	.949																		
		4.75	0.80	0.80	24.1	N123H2-0475-0008-GF		☆				☆			☆		☆			☆			7°
		.187	.031	.031	.949																		
		4.80	0.50	0.50	24.1	N123H2-0480-0005-GF		☆				☆		☆	☆	☆	☆	☆		☆		☆	7°
		.189	.019	.019	.949																		
		5.00	0.20	0.20	24.4	N123H2-0500-0002-GF		☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	7°
		.197	.007	.007	.961																		
		5.00	0.40	0.40	24.4	N123H2-0500-0004-GF	☆	☆			☆	☆			☆		☆		☆	☆			7°
		.197	.015	.015	.961																		
	J	5.41	0.20	0.20	24.4	N123J2-0541-0002-GF		☆				☆			☆		☆			☆			7°
		.213	.007	.007	.961																		
		5.56	0.50	0.50	24.1	N123J2-0556-0005-GF	☆	☆			☆	☆			☆		☆		☆	☆			7°
		.219	.019	.019	.949																		
	K	6.00	0.20	0.20	24.4	N123K2-0600-0002-GF	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	7°
		.236	.007	.007	.961																		
		6.35	0.40	0.40	24.1	N123K2-0635-0004-GF		☆				☆			☆		☆			☆			7°
		.250	.015	.015	.949																		
		6.35	0.50	0.50	24.1	N123K2-0635-0005-GF		☆				☆		☆	☆	☆	☆	☆		☆		☆	7°
		.250	.019	.019	.949																		
		6.35	0.80	0.80	24.1	N123K2-0635-0008-GF		☆				☆			☆		☆			☆			7°
		.250	.031	.031	.949																		
		7.14	0.80	0.80	23.8	N123K2-0714-0008-GF		☆				☆			☆		☆			☆			7°
		.281	.031	.031	.937																		
	L	7.92	0.80	0.80	29.0	N123L2-0792-0008-GF		☆				☆			☆		☆			☆			7°
		.312	.031	.031	1.142																		
		8.00	0.80	0.80	29.6	N123L2-0800-0002-GF		☆	☆			☆	☆	☆	☆	☆	☆	☆		☆		☆	7°
		.315	.031	.031	1.165																		

SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:

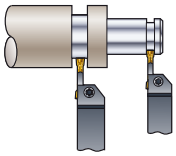
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x2-GF	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020

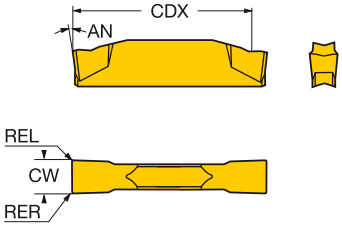
B38 B77 B172 B182 B192 I5 I1 I25

CoroCut® 1-2 insert for grooving

Grooving

For circlip grooves





CoroCut® 2-edge

	SSC	CW	REL	RER	CDX	Ordering code	P 1125	M 1105	M 1125	M H13A	K 1125	K H13A	N 1125	N H13A	S 1105	S 1125	S H13A	Dimensions, mm, inch AN
	E	1.85	0.10	0.10	19.3	N123E2-0185-0001-GF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.073	*.003*	*.003*	*.760*													
		2.15	0.10	0.10	19.3	N123E2-0215-0001-GF	☆		☆	☆	☆	☆	☆	☆		☆	☆	7°
		.085	*.003*	*.003*	*.760*													
	F	2.65	0.20	0.20	19.2	N123F2-0265-0002-GF	☆		☆	☆	☆	☆	☆	☆		☆	☆	7°
		.104	*.007*	*.007*	*.756*													
	G	3.15	0.20	0.20	19.2	N123G2-0315-0002-GF	☆		☆		☆		☆			☆		7°
		.124	*.007*	*.007*	*.756*													
	H	4.15	0.20	0.20	24.4	N123H2-0415-0002-GF	☆		☆		☆		☆			☆		7°
		.163	*.007*	*.007*	*.961*													
	J	5.15	0.20	0.20	24.4	N123J2-0515-0002-GF	☆		☆		☆		☆			☆		7°
		.203	*.007*	*.007*	*.961*													

SSC = To correspond with SSC on holder.

N = Neutral

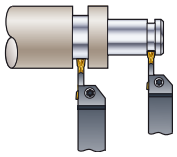
Tolerances:

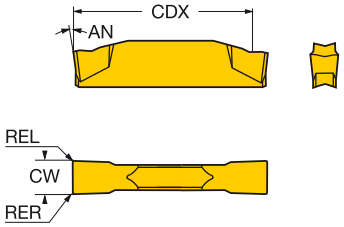
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x2-GF (CIRCLIP)	0.09	0.13	.0035	.0051	-0.05	0.05	-.0020	.0020

B38 B77 B172 B182 B192 I5 I1 I25

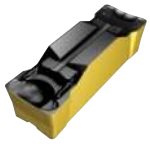
CoroCut® 1-2 insert for grooving

Grooving





CoroCut® 2-edge



SSC	CW	REL	RER	CDX	Ordering code	P 1125	P 1145	P 2135	P 3115	P 4325	M 1125	M 1145	M 2135	M H13A	K 1125	K 3115	K 4325	K H13A	N 1125	N H13A	S 1125	Dimensions, mm, inch AN
E	2.00	0.20	0.20	18.8	N123E2-0200-0002-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆		7°
	.079	.007	.007	.740																		
	2.39	0.20	0.20	18.4	N123E2-0239-0002-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆		7°
	.094	.007	.007	.724																		
G	3.00	0.30	0.30	18.2	N123G2-0300-0003-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆		7°
	.118	.011	.011	.717																		
	3.18	0.30	0.30	18.0	N123G2-0318-0003-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆		7°
	.125	.011	.011	.709																		
H	4.00	0.30	0.30	23.0	N123H2-0400-0003-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆		7°
	.157	.011	.011	.906																		
J	4.75	0.30	0.30	22.6	N123J2-0475-0003-GM	☆		☆	☆	☆	☆		☆	☆	☆	☆	☆	☆		☆		7°
	.187	.011	.011	.890																		
	5.00	0.40	0.40	22.9	N123J2-0500-0004-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆		7°
	.197	.015	.015	.902																		
K	6.00	0.40	0.40	22.7	N123K2-0600-0004-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆		7°
	.236	.015	.015	.894																		
	6.35	0.25	0.25	22.6	N123K2-0635-0003-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆		7°
	.250	.010	.010	.890																		
L	7.92	0.30	0.30	28.7	N123L2-0792-0003-GM	☆				☆	☆			☆	☆		☆	☆		☆		7°
	.312	.011	.011	1.130																		
	8.00	0.50	0.50	28.4	N123L2-0800-0005-GM	☆		☆	☆	☆	☆		☆	☆	☆	☆	☆	☆		☆		7°
	.315	.019	.019	1.118																		
M	9.00	0.80	0.80	28.0	N123M2-0900-0008-GM	☆				☆	☆				☆		☆		☆		☆	7°
	.354	.031	.031	1.102																		
	10.00	0.80	0.80	28.0	N123M2-1000-0008-GM	☆				☆	☆				☆		☆		☆		☆	7°
	.394	.031	.031	1.102																		

SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:

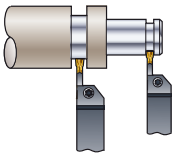
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x2-GM	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039
	-0.10		-.0039					
	0.00		.0000					

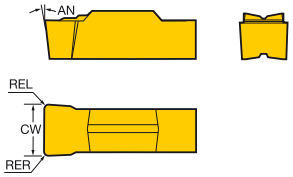
B38 B77 B172 B182 B192 I5 I1 I25

CoroCut® 1-2 insert for grooving

B

Grooving

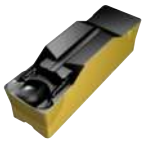




C

CoroCut® 1-edge

D



SSC	CW	REL	RER	Ordering code	P 1125	P 1145	P 4325	M 1105	M 1125	M 1145	M H13A	K 1125	K 4325	K H13A	N 1125	N H13A	S 1105	S 1125	S 1145	S H13A	Dimensions, mm, inch AN
M	9.00	0.80	0.80	N123M1-0900-0008-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	7°
	.354	*.031*	*.031*																		
	9.53	0.80	0.80	N123M1-0953-0008-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	7°
	.375	*.031*	*.031*																		
	10.00	0.80	0.80	N123M1-1000-0008-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	7°
	.394	*.031*	*.031*																		
	11.00	0.80	0.80	N123M1-1100-0008-GM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	7°
	.433	*.031*	*.031*																		
R	12.00	0.80	0.80	N123R1-1200-0008-GM	☆		☆	☆	☆			☆	☆		☆		☆	☆			13°
	.472	*.031*	*.031*																		
	12.70	0.80	0.80	N123R1-1270-0008-GM	☆		☆	☆	☆			☆	☆		☆		☆	☆			13°
	.500	*.031*	*.031*																		
	15.00	0.80	0.80	N123R1-1500-0008-GM	☆		☆	☆	☆			☆	☆		☆		☆	☆			13°
	.591	*.031*	*.031*																		

E

F

SSC	CW	REL	RER	Ordering code	P 1125	P 2135	P 4325	M 1125	M 2135	K 1125	K 4325	S 1125	S 2135	Dimensions, mm, inch AN
R	15.00	1.20	1.20	N123R1-1500-0010-GR	☆	☆	☆	☆	☆	☆	☆	☆	☆	13°
	.591	*.047*	*.047*											

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

G

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1-GM	-0.03	0.03	-.0012	.0012	-0.05	0.05	-.0020	.0020
	-0.10	0.10	-.0039	.0039	-0.10	0.10	-.0039	.0039
N123x1-GR	-0.08	0.08	-.0032	.0032	-0.10	0.10	-.0039	.0039

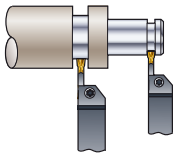
H

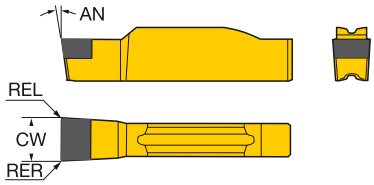
I

B38 B77 B172 B182 B192 I5 I1 I25

CoroCut® 1-2 insert for grooving

For grooving of hardened materials





CoroCut® 1-edge

	SSC	CW	REL	RER	Ordering code	H 7015	Dimensions, mm, inch AN
	G	3.00	0.40	0.40	N123G1-030004S01025	☆	7°
		.118	*.015*	*.015*			
	H	4.00	0.40	0.40	N123H1-040004S01025	☆	7°
		.157	*.015*	*.015*			
		5.00	0.40	0.40	N123H1-050004S01025	☆	7°
		.197	*.015*	*.015*			
	J	6.00	0.40	0.40	N123J1-060004S01025	☆	7°
		.236	*.015*	*.015*			
	L	8.00	0.80	0.80	N123L1-080008S01025	☆	7°
		.315	*.031*	*.031*			

SSC = To correspond with SSC on holder.

N = Neutral

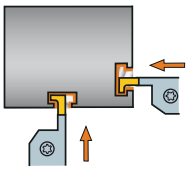
Tolerances:

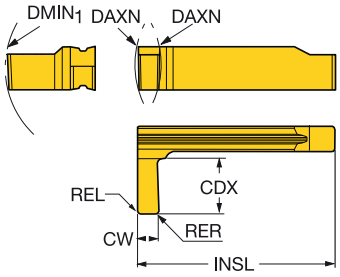
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1..S	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020

B38 B77 B172 B182 B192 I5 I1

CoroCut® 1-2 insert for grooving

Grooving





	SSC	CW	REL	RER	CDX	$DMIN_1$	DAXN	Ordering code	P 1115	M 1115	K 1115	N 1115	S 1115	Dimensions, mm, inch AN	INSL
	HX	2.0	0.2	0.2	4.0	44.0	104	R/LG123H1-0200-0002-GS	☆	☆	☆	☆	☆	7°	25.5
		.079	*.007*	*.007*	*.157*	*1.732*	*4.094*								*1.005*
		3.0	0.2	0.2	5.0	44.0	104	R/LG123H1-0300-0002-GS	☆	☆	☆	☆	☆	7°	25.5
		.118	*.007*	*.007*	*.197*	*1.732*	*4.094*								*1.005*
		4.0	0.4	0.4	6.0	44.0	104	R/LG123H1-0400-0004-GS	☆	☆	☆	☆	☆	7°	25.5
		.157	*.015*	*.015*	*.236*	*1.732*	*4.094*								*1.005*
	LX	2.0	0.2	0.2	6.0	62.0	147	R/LG123L1-0200-0002-GS	☆	☆	☆	☆	☆	7°	30.9
		.079	*.007*	*.007*	*.236*	*2.440*	*5.787*								*1.216*
		3.0	0.2	0.2	9.0	62.0	147	R/LG123L1-0300-0002-GS	☆	☆	☆	☆	☆	7°	30.9
		.118	*.007*	*.007*	*.354*	*2.440*	*5.787*								*1.216*
		4.0	0.4	0.4	9.0	62.0	147	R/LG123L1-0400-0004-GS	☆	☆	☆	☆	☆	7°	30.9
		.157	*.015*	*.015*	*.354*	*2.440*	*5.787*								*1.216*

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

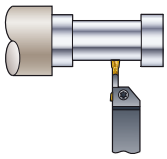
Tolerances:

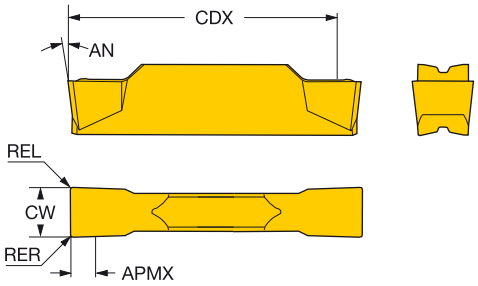
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
R/LG123..-GS	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020

B80 B172 B192 I1 I25

CoroCut® 1-2 insert for turning

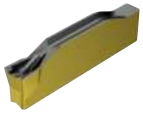
Turning





Wiper TECHNOLOGY

CoroCut® 1-edge



SSC	CW	REL	RER	Ordering code	P 1125	P 1145	P 2135	P 3115	P 4325	M 1125	M 1145	M 2135	M H13A	K 1125	K 3115	K 4325	K H13A	N 1125	N H13A	S 1125	S H13A	Dimensions, mm, AN	Dimensions, mm, APMX
G	3.00	0.30	0.30	N123G1-0300-0003-TF	☆	☆	☆		☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	7°	1.8
	.118	.011	.011																				.071
H	4.00	0.40	0.40	N123H1-0400-0004-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.2
	.157	.015	.015																				.087
K	6.00	0.40	0.40	N123K1-0600-0004-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	3.4
	.236	.015	.015																				.134

CoroCut® 2-edge

SSC	CW	REL	RER	CDX	Ordering code	P 1125	P 1145	P 2135	P 3115	P 4325	P 525	M 1105	M 1125	M 1145	M 2135	M H13A	K 1125	K 3115	K 4325	K H13A	N 1125	N H13A	S 1105	S 1125	S 2135	S H13A	Dimensions, mm, AN	Dimensions, mm, APMX
G	3.00	0.30	0.30	18.5	N123G2-0300-0003-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	7°	1.8
	.118	.011	.011	.728																								.071
H	4.00	0.40	0.40	23.3	N123H2-0400-0004-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	7°	2.2
	.157	.015	.015	.917																								.087
J	5.00	0.40	0.40	23.3	N123J2-0500-0004-TF	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.7
	.197	.015	.015	.917																								.106
K	6.00	0.40	0.40	23.3	N123K2-0600-0004-TF	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	3.4
	.236	.015	.015	.917																								.134
L	8.00	0.80	0.80	28.0	N123L2-0800-0008-TF	☆		☆	☆	☆		☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	7°	4.0
	.315	.031	.031	1.102																								.157

SSC = To correspond with SSC on holder.

N = Neutral

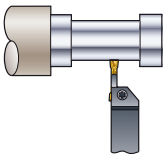
Tolerances:

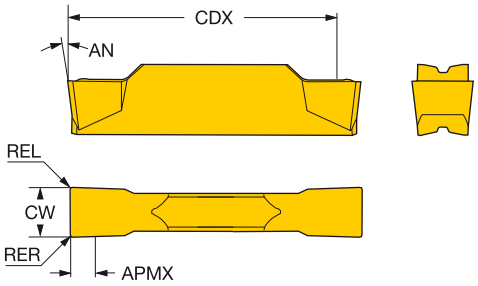
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1-TF	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-TF	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039

B38 B77 B172 B182 B192 I1 I25

CoroCut® 1-2 insert for turning

Turning





CoroCut® 2-edge

SSC	CW	REL	RER	CDX	Ordering code	P 1105	P 1125	P 1145	P 2135	P 3115	P 4325	P 525	M 1105	M 1125	M 1145	M 2135	M H13A	K 1125	K 3115	K 4325	K H13A	N 1125	N H13A	S 1105	S 1125	S H13A	Dimensions, mm, inch AN	APMX
G	3.00	0.40	0.40	18.4	N123G2-0300-0004-TM	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.8
	.118	.015	.015	.724																								.071
H	4.00	0.40	0.40	23.4	N123H2-0400-0004-TM		☆	☆	☆	☆	☆			☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	7°	2.2
	.157	.015	.015	.921																								.087
	4.00	0.80	0.80	23.4	N123H2-0400-0008-TM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.2
	.157	.031	.031	.921																								.087
J	5.00	0.40	0.40	23.4	N123J2-0500-0004-TM		☆	☆	☆	☆	☆			☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	7°	2.7
	.197	.015	.015	.921																								.106
	5.00	0.80	0.80	23.0	N123J2-0500-0008-TM	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.7
	.197	.031	.031	.906																								.106
K	6.00	0.40	0.40	23.4	N123K2-0600-0004-TM		☆	☆	☆	☆	☆			☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	7°	3.4
	.236	.015	.015	.921																								.134
	6.00	0.80	0.80	23.0	N123K2-0600-0008-TM	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	3.4
	.236	.031	.031	.906																								.134
L	8.00	0.80	0.80	28.0	N123L2-0800-0008-TM	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	4.0
	.315	.031	.031	1.102																								.157
	8.00	1.20	1.20	27.6	N123L2-0800-0012-TM		☆	☆	☆	☆	☆			☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	7°	4.0
	.315	.047	.047	1.087																								.157

SSC = To correspond with SSC on holder.

N = Neutral

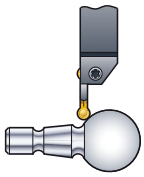
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x2-TM	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039

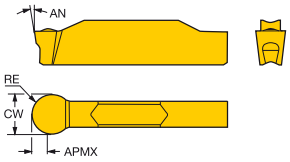
B38 B77 B172 B182 B192 I1 I25

CoroCut® 1-2 insert for profiling

Profiling



N123x1-RO



CoroCut® 1-edge

SSC	CW	RE	Ordering code	P 1125	M 1105	M 1125	K 1125	N 1125	S 1105	S 1125	S S05F	Dimensions, mm, inch AN	APMX
F	3.00	1.50	N123F1-0300-RO	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.3
	.118	*.059*											*.051*
	3.18	1.59	N123F1-0318-RO	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.4
	.125	*.062*											*.055*
H	4.00	2.00	N123H1-0400-RO	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.8
	.157	*.079*											*.071*
	4.75	2.38	N123H1-0475-RO	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.2
	.187	*.094*											*.087*
	5.00	2.50	N123H1-0500-RO	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.3
	.197	*.098*											*.091*
J	6.00	3.00	N123J1-0600-RO	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.8
	.236	*.118*											*.110*
L	8.00	4.00	N123L1-0800-RO	☆	☆	☆	☆	☆	☆	☆	☆	7°	3.8
	.315	*.157*											*.150*

SSC = To correspond with SSC on holder.

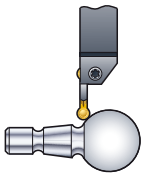
N = Neutral

Tolerances:

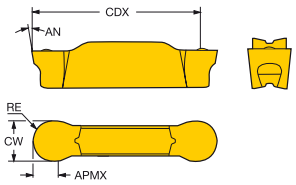
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1-RO	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004

CoroCut® 1-2 insert for profiling

Profiling



N123x2-RO



CoroCut® 2-edge

SSC	CW	RE	CDX	Ordering code	P 1125	P 2135	M 1105	M 1125	M 2135	M H13A	K 1125	K H13A	N 1125	N H13A	S 1105	S 1125	S H13A	S S05F	Dimensions, mm, inch AN	APMX
E	2.00	1.00	19.2	N123E2-0200-RO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	0.8
	.079	.039	.756																	.031
	2.39	1.20	19.0	N123E2-0239-RO	☆			☆			☆		☆			☆		☆	7°	1.0
	.094	.047	.748																	.039
F	3.00	1.50	18.7	N123F2-0300-RO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.3
	.118	.059	.736																	.051
	3.18	1.59	18.6	N123F2-0318-RO	☆		☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.4
	.125	.062	.732																	.055
H	3.96	1.98	23.3	N123H2-0396-RO	☆			☆		☆	☆	☆	☆	☆		☆	☆	☆	7°	1.8
	.156	.078	.917																	.071
	4.00	2.00	23.3	N123H2-0400-RO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.8
	.157	.079	.917																	.071
	4.50	2.25	23.0	N123H2-0450-RO	☆			☆		☆	☆	☆	☆	☆		☆	☆		7°	2.1
	.177	.089	.906																	.083
	4.75	2.38	22.9	N123H2-0475-RO	☆		☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.2
	.187	.094	.902																	.087
	5.00	2.50	22.8	N123H2-0500-RO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.3
	.197	.098	.898																	.091
J	6.00	3.00	22.2	N123J2-0600-RO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.8
	.236	.118	.874																	.110
	6.35	3.18	22.0	N123J2-0635-RO	☆			☆		☆	☆	☆	☆	☆		☆	☆	☆	7°	3.0
	.250	.125	.866																	.118
K	7.14	3.57	21.6	N123K2-0714-RO	☆			☆			☆		☆			☆			7°	3.4
	.281	.141	.850																	.134
L	8.00	4.00	27.3	N123L2-0800-RO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	3.8
	.315	.157	1.075																	.150

SSC = To correspond with SSC on holder.

N = Neutral

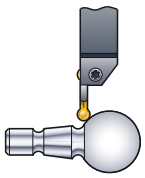
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x2-RO	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004

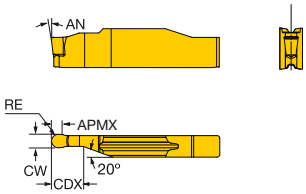
B64 B79 B172 B182 B192 I5 I1 I25

CoroCut® 1-2 insert for profiling

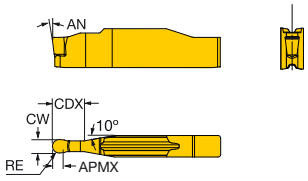
Profiling



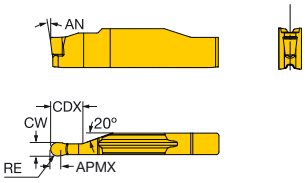
L123H1-0200-RO



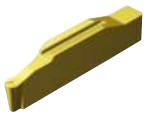
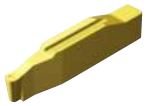
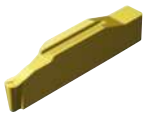
N123H1-0200-RO



R123H1-0200-RO



CoroCut® 1-edge

	SSC	CW	RE	CDX	Ordering code	P 1125	M 1105	M 1125	K 1125	N 1125	S 1105	S 1125	S S05F	Dimensions, mm, inch AN	APMX
	HL	2.00	1.00	5.0	L123H1-0200-RO	☆	☆	☆	☆	☆	☆	☆	☆	7°	0.8
		.079	*.039*	*.197*											*.031*
	HN	2.00	1.00	5.0	N123H1-0200-RO	☆	☆	☆	☆	☆	☆	☆	☆	7°	0.8
		.079	*.039*	*.197*											*.031*
	HR	2.00	1.00	5.0	R123H1-0200-RO	☆	☆	☆	☆	☆	☆	☆	☆	7°	0.8
		.079	*.039*	*.197*											*.031*

SSC = To correspond with SSC on holder.

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

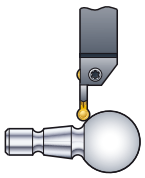
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123H1-0200-RO	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004
N123H1-0200-RO	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004
R123H1-0200-RO	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004

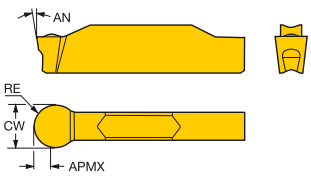
B76 B172 I1 I25

CoroCut® 1-2 insert for profiling

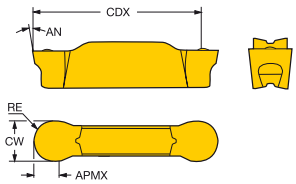
Profiling



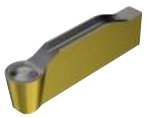
N123x1-RM



N123x2-RM



CoroCut® 1-edge



SSC	CW	RE	Ordering code	P 1125	P 2135	P 3115	P 4325	M 1125	M 2135	M H13A	K 1125	K 3115	K 4325	K H13A	N 1125	N H13A	Dimensions, mm, inch AN	APMX
G	4.00	2.00	N123G1-0400-RM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.8
	.157	.079																.071
J	6.00	3.00	N123J1-0600-RM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.8
	.236	.118																.110
L	8.00	4.00	N123L1-0800-RM	☆	☆		☆	☆	☆	☆	☆		☆	☆	☆	☆	7°	3.8
	.315	.157																.150

CoroCut® 2-edge

SSC	CW	RE	CDX	Ordering code	P 1125	P 2135	P 3115	P 4325	P 525	M 1125	M 2135	M H13A	K 1125	K 3115	K 4325	K H13A	N 1125	N H13A	Dimensions, mm, inch AN	APMX
F	3.00	1.50	18.6	N123F2-0300-RM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.3
	.118	.059	.732																	.051
	3.18	1.59	18.6	N123F2-0318-RM	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.4
	.125	.062	.732																	.055
G	4.00	2.00	18.1	N123G2-0400-RM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.8
	.157	.079	.713																	.071
H	4.00	2.00	23.1	N123H2-0400-RM	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	1.8
	.157	.079	.909																	.071
	4.75	2.38	22.9	N123H2-0475-RM	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.2
	.187	.094	.902																	.087
	5.00	2.50	22.7	N123H2-0500-RM	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.3
	.197	.098	.894																	.091
J	6.00	3.00	22.2	N123J2-0600-RM	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.8
	.236	.118	.874																	.110
	6.35	3.18	22.0	N123J2-0635-RM	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	3.0
	.250	.125	.866																	.118
L	8.00	4.00	27.0	N123L2-0800-RM	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	3.8
	.315	.157	1.063																	.150

SSC = To correspond with SSC on holder.

N = Neutral

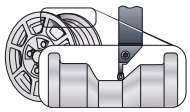
Tolerances:

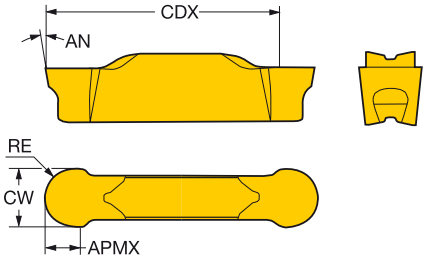
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1-RM	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-RM	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039

B64 B79 B172 B182 B192 I5 I1 I25

CoroCut® 1-2 insert for profiling

Aluminium profiling





CoroCut® 2-edge

	SSC	CW	RE	CDX	Ordering code	N H10	AN	APMX
							Dimensions, mm, inch	
	J	6.00	3.00	22.2	**N123J2-0600-AM**	☆	7°	2.8
		.236	*.118*	*.874*				*.110*
	L	8.00	4.00	27.3	**N123L2-0800-AM**	☆	7°	3.8
		.315	*.157*	*1.075*				*.150*

SSC = To correspond with SSC on holder.

N = Neutral

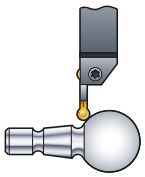
Tolerances:

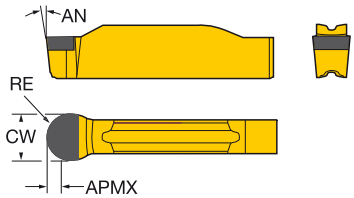
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x2-AM	-0.02	0.02	-.0008	.0008	-0.02	0.02	-.0008	.0008

B64 B79 B172 B182 B192 I1 I25

CoroCut® 1-2 insert for profiling

Profiling non-ferrous and hardened materials





CoroCut® 1-edge

SSC	CW	RE	Ordering code	H 7015	Dimensions, mm, inch AN
F	3.00	1.50	N123F1-0300S01025	☆	7°
	.118	*.059*			
H	4.00	2.00	N123H1-0400S01025	☆	7°
	.157	*.079*			
	5.00	2.50	N123H1-0500S01025	☆	7°
	.197	*.098*			
J	6.00	3.00	N123J1-0600S01025	☆	7°
	.236	*.118*			

SSC	CW	RE	Ordering code	N CD10	Dimensions, mm, inch AN	APMX
F	3.00	1.50	N123F1-0300-RS	☆	7°	1.3
	.118	*.059*				*.051*
H	4.00	2.00	N123H1-0400-RS	☆	7°	1.8
	.157	*.079*				*.071*
	5.00	2.50	N123H1-0500-RS	☆	7°	2.3
	.197	*.098*				*.091*
J	6.00	3.00	N123J1-0600-RS	☆	7°	2.8
	.236	*.118*				*.110*
L	8.00	4.00	N123L1-0800-RS	☆	7°	3.8
	.315	*.157*				*.150*

SSC = To correspond with SSC on holder.

N = Neutral

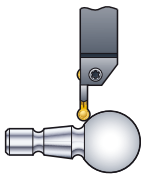
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1..S (P)	-0.02	0.02	-.0008	.0008	-0.02	0.02	-.0008	.0008
N123x1-RS	-0.02	0.02	-.0008	.0008	-0.02	0.02	-.0008	.0008

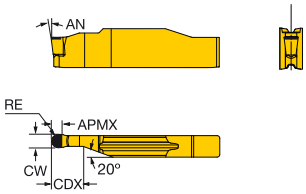
B64 B79 B172 B182 B192 I1 I25

CoroCut® 1-2 insert for profiling

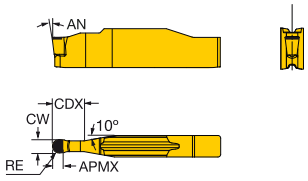
Profiling non-ferrous materials



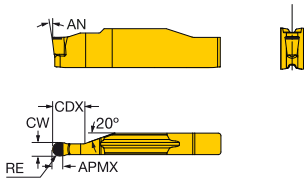
L123H1-0200-RS



N123H1-0200-RS



R123H1-0200-RS



CoroCut® 1-edge

SSC	CW	RE	CDX	Ordering code	N CD10	Dimensions, mm, inch AN	APMX
HL	2.00	1.00	5.0	L123H1-0200-RS	☆	7°	0.8
	.079	*.039*	*.197*				*.031*
HN	2.00	1.00	5.0	N123H1-0200-RS	☆	7°	0.8
	.079	*.039*	*.197*				*.031*
HR	2.00	1.00	5.0	R123H1-0200-RS	☆	7°	0.8
	.079	*.039*	*.197*				*.031*

SSC = To correspond with SSC on holder.

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

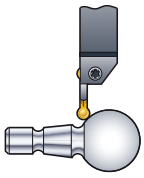
Tolerances:

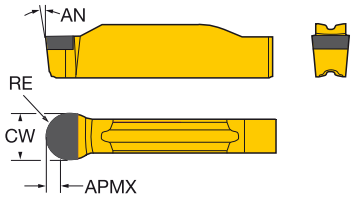
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123H1-0200-RS	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004
N123H1-0200-RS	-0.02	0.02	-.0008	.0008	-0.02	0.02	-.0008	.0008
R123H1-0200-RS	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004

B64 B79 B182 I1 I25

CoroCut® 1-2 insert for profiling

Profiling hardened materials





CoroCut® 1-edge

	SSC	CW	RE	Ordering code	S 7015	H 7015	H 7025	AN	APMX
								Dimensions, mm, inch	
	F	3.00	1.50	N123F1-0300-RE	☆	☆	☆	7°	0.6
		.118	*.059*						*.024*
		3.18	1.59	N123F1-0318-RE	☆	☆		7°	0.6
		.125	*.062*						*.024*
	H	4.00	2.00	N123H1-0400-RE	☆	☆	☆	7°	0.6
		.157	*.079*						*.026*
		5.00	2.50	N123H1-0500-RE	☆	☆		7°	0.7
		.197	*.098*						*.028*
	J	6.00	3.00	N123J1-0600-RE	☆	☆		7°	0.7
		.236	*.118*						*.030*
		6.35	3.18	N123J1-0635-RE	☆	☆		7°	0.7
		.250	*.125*						*.030*
	L	8.00	4.00	N123L1-0800-RE	☆	☆		7°	0.8
		.315	*.157*						*.033*

SSC = To correspond with SSC on holder.

N = Neutral

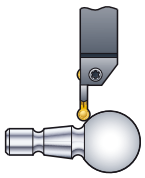
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1-RE	-0.02	0.02	-.0008	.0008	-0.02	0.02	-.0008	.0008

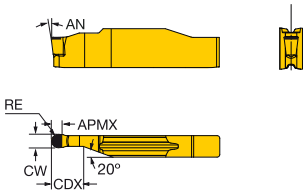
B64 B79 B172 B182 B192 I1 I25

CoroCut® 1-2 insert for profiling

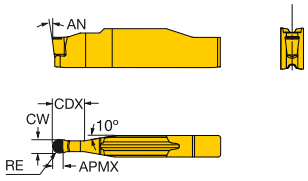
Profiling hardened materials



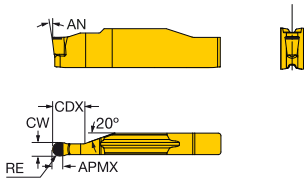
L123H1-0200-RE



N123H1-0200-RE



R123H1-0200-RE



CoroCut® 1-edge

SSC	CW	RE	CDX	Ordering code	S 7015	H 7015	H 7025	AN	APMX
								Dimensions, mm, inch	
HL	2.00	1.00	5.0	**L123H1-0200-RE**	☆	☆		7°	0.5
	.079	*.039*	*.197*						*.020*
HN	2.00	1.00	5.0	**N123H1-0200-RE**	☆	☆	☆	7°	0.5
	.079	*.039*	*.197*						*.020*
HR	2.00	1.00	5.0	**R123H1-0200-RE**	☆	☆		7°	0.5
	.079	*.039*	*.197*						*.020*

SSC = To correspond with SSC on holder.

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

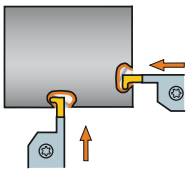
Tolerances:

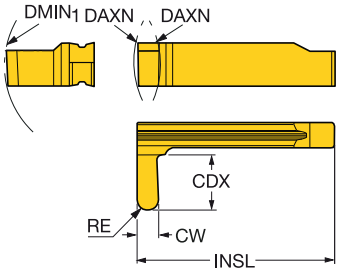
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123H1-0200-RE	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004
N123H1-0200-RE	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004
R123H1-0200-RE	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004

B64 B79 B182 I1 I25

CoroCut® 1-2 insert for profiling

Profiling





CoroCut® 1-edge

SSC	CW	RE	CDX	$DMIN_1$	DAXN	Ordering code	P 1115	M 1115	K 1115	N 1115	S 1115	Dimensions, mm, inch AN	INSL
HX	2.0	1.00	4.0	44.0	104	R/LG123H1-0200-0010-RS	☆	☆	☆	☆	☆	7°	25.5
	.079	*.039*	*.157*	*1.732*	*4.094*								*1.005*
	3.0	1.50	5.0	44.0	104	R/LG123H1-0300-0015-RS	☆	☆	☆	☆	☆	7°	25.5
	.118	*.059*	*.197*	*1.732*	*4.094*								*1.005*
	4.0	2.00	6.0	44.0	104	R/LG123H1-0400-0020-RS	☆	☆	☆	☆	☆	7°	25.5
	.157	*.079*	*.236*	*1.732*	*4.094*								*1.005*
LX	2.0	1.00	6.0	62.0	147	R/LG123L1-0200-0010-RS	☆	☆	☆	☆	☆	7°	30.9
	.079	*.039*	*.236*	*2.440*	*5.787*								*1.216*
	3.0	1.50	9.0	62.0	147	R/LG123L1-0300-0015-RS	☆	☆	☆	☆	☆	7°	30.9
	.118	*.059*	*.354*	*2.440*	*5.787*								*1.216*
	4.0	2.00	9.0	62.0	147	R/LG123L1-0400-0020-RS	☆	☆	☆	☆	☆	7°	30.9
	.157	*.079*	*.354*	*2.440*	*5.787*								*1.216*

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

R = Right hand, L = Left hand

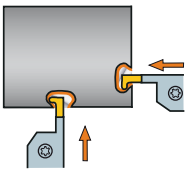
Tolerances:

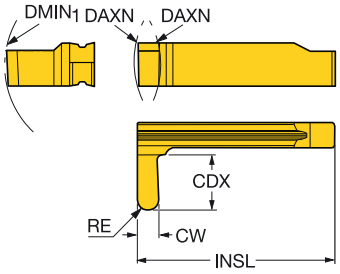
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
R/LG123..-RS	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020

B80 B172 B182 B192 I1 I25

CoroCut® 1-2 insert for profiling

Profiling





CoroCut® 1-edge

	SSC	CW	RE	CDX	DMIN1	DAXN	Ordering code	P 1115	M 1115	K 1115	N 1115	S 1115	Dimensions, mm, inch AN	INSL
	HX	2.0	1.00	4.0	44.0	104	R/LG123H1-0200-RO	☆	☆	☆	☆	☆	7°	24.7
		.079	*.039*	*.157*	*1.732*	*4.094*								*.972*
		3.0	1.50	5.0	44.0	104	R/LG123H1-0300-RO	☆	☆	☆	☆	☆	7°	24.7
		.118	*.059*	*.197*	*1.732*	*4.094*								*.972*
	LX	2.0	1.00	6.5	62.0	147	R/LG123L1-0200-RO	☆	☆	☆	☆	☆	7°	30.6
		.079	*.039*	*.256*	*2.440*	*5.787*								*1.204*
		3.0	1.50	9.5	62.0	147	R/LG123L1-0300-RO	☆	☆	☆	☆	☆	7°	30.6
		.118	*.059*	*.374*	*2.440*	*5.787*								*1.204*

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
R/LG123..-RO	-0.02	0.02	-.0008	.0008	-0.01	0.01	-.0004	.0004

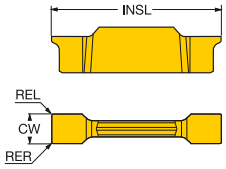
B80 B182 I1 I25

CoroCut® 1-2 carbide blank

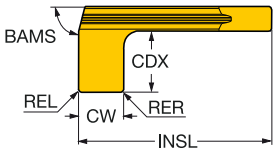
B

Blanks

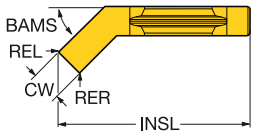
N123x1..-BG



R/LG123..-BG



R/LX123..-BG



C

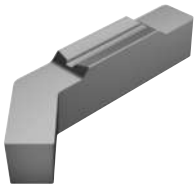
CoroCut® 1-edge

D

SSC	CW	REL	RER	Ordering code	P H10F	P H10F	P H13A	M H10F	M H13A	K H10	K H10F	K H13A	N H10	N H10F	N H13A	S	Dimensions, mm, inch INSL
L	4.0	0.2	0.2	N123L1-1160-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		31.21
	.157	.008	*.008*														*1.229*

E

F



SSC	CW	REL	RER	Ordering code	P H10	P H10F	P H13A	M H10	M H10F	M H13A	K H10	K H10F	K H13A	N H10	N H10F	N H13A	S H10	S H10F	S H13A	Dimensions, mm, inch INSL	BAMS
L	6.0	0.2	0.2	R/LX123L1-0600-4500-BG	☆	☆	☆	☆	☆	2	☆	☆	☆	☆	☆	2	☆	☆	☆	40.19	40°
	.236	*.008*	*.008*																	*1.582*	

G

SSC	CW	REL	RER	Ordering code	P H10	P H10F	P H13A	M H10	M H10F	M H13A	K H10	K H10F	K H13A	N H10	N H10F	N H13A	S H10	S H10F	S H13A	Dimensions, mm, inch LF	CDX	BAMS
H	6.0	0.2	0.2	R/LG123H1-0600-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	25.65	8.00	90°
	.236	*.008*	*.008*																	*1.010*	*.315*	
L	6.0	0.2	0.2	R/LG123L1-0600-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	31.00	12.00	90°
	.236	*.008*	*.008*																	*1.220*	*.472*	

H

SSC = To correspond with SSC on holder.

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

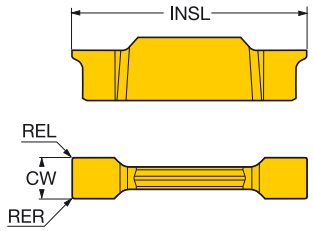
I

B172 B182 B192 I5 I1 I25

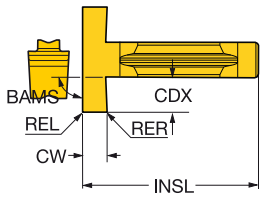
CoroCut® 1-2 carbide blank

Blanks

N123x2..-BG

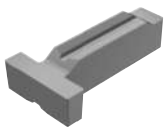


NX123..-BG



CoroCut® 2-edge

SSC	CW	REL	RER	Ordering code	P H10F	P H10F	P H13A	M H10F	M H13A	K H10	K H10F	K H13A	N H10	N H13A	Dimensions, mm, inch INSL
D	2.3	0.2	0.2	N123D2-0230-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	15.00
	.091	*.008*	*.008*												*.591*
E	2.7	0.2	0.2	N123E2-0270-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	21.60
	.106	*.008*	*.008*												*.850*
F	3.8	0.2	0.2	N123F2-0380-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	21.60
	.150	*.008*	*.008*												*.850*
G	4.2	0.2	0.2	N123G2-0420-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	21.60
	.165	*.008*	*.008*												*.850*
H	5.2	0.2	0.2	N123H2-0520-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	26.20
	.205	*.008*	*.008*												*1.032*
J	6.2	0.2	0.2	N123J2-0620-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	26.20
	.244	*.008*	*.008*												*1.032*
K	7.2	0.2	0.2	N123K2-0720-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	26.20
	.284	*.008*	*.008*												*1.032*
L	8.4	0.2	0.2	N123L2-0840-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	31.50
	.331	*.008*	*.008*												*1.240*



SSC	CW	REL	RER	Ordering code	P H10	P H10F	P H13A	M H10	M H10F	M H13A	K H10	K H10F	K H13A	N H10	N H10F	N H13A	S H10	S H10F	S H13A	Dimensions, mm, inch INSL	CDX	BAMS
L	4.0	0.2	0.2	NX123L2-0400-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	2	☆	☆	☆	☆	☆	31.21	5.01	90°
	.157	*.008*	*.008*																	*1.229*	*.197*	

SSC = To correspond with SSC on holder.

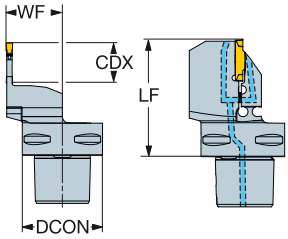
N = Neutral, R = Right hand, L = Left hand

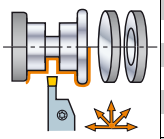
B174 B182 B192 I5 I1 I25

CoroCut® 1-2 cutting unit for parting and grooving

Spring lock design

Coromant Capto® - Internal coolant supply





SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	DCON	LF	WF	HF	CP Bar/PSI	Kg	MIID
						Dimensions, mm, inch						
E	C3	15.0	55.0	1	C3-R/LF123E15C22055E	32	55.0	22.0	0.0	150	0.3	N123E2-0200-0002-CM
		.591	2.165			1.260	2.165	.866	.000	2175		
	C4	15.0	60.0	1	C4-R/LF123E15C27060E	40	60.0	27.0	0.0	150	0.4	N123E2-0200-0002-CM
		.591	2.362			1.575	2.362	1.063	.000	2175		
	C5	15.0	60.0	1	C5-R/LF123E15C35060E	50	60.0	35.0	0.0	150	0.6	N123E2-0200-0002-CM
		.591	2.362			1.969	2.362	1.378	.000	2175		
F	C3	15.0	55.0	1	C3-R/LF123F15C22055E	32	55.0	22.0	0.0	150	0.3	N123F2-0250-0002-CM
		.591	2.165			1.260	2.165	.866	.000	2175		
	C4	15.0	60.0	1	C4-R/LF123F15C27060E	40	60.0	27.0	0.0	150	0.4	N123F2-0250-0002-CM
		.591	2.362			1.575	2.362	1.063	.000	2175		
	C5	20.0	65.0	1	C5-R/LF123F20C35065E	50	65.0	35.0	0.0	150	0.6	N123F2-0250-0002-CM
		.787	2.559			1.969	2.559	1.378	.000	2175		
G	C3	15.0	55.0	1	C3-R/LF123G15C22055E	32	55.0	22.0	0.0	150	0.3	N123G2-0300-0003-TF
		.591	2.165			1.260	2.165	.866	.000	2175		
	C3	20.0	60.0	1	C3-R/LF123G20C22060E	32	60.0	22.0	0.0	150	0.3	N123G2-0300-0003-TF
		.787	2.362			1.260	2.362	.866	.000	2175		
	C4	15.0	60.0	1	C4-R/LF123G15C27060E	40	60.0	27.0	0.0	150	0.4	N123G2-0300-0003-TF
		.591	2.362			1.575	2.362	1.063	.000	2175		
	C4	20.0	65.0	1	C4-R/LF123G20C27065E	40	65.0	27.0	0.0	150	0.4	N123G2-0300-0003-TF
		.787	2.559			1.575	2.559	1.063	.000	2175		
	C5	15.0	60.0	1	C5-R/LF123G15C35060E	50	60.0	35.0	0.0	150	0.6	N123G2-0300-0003-TF
		.591	2.362			1.969	2.362	1.378	.000	2175		
	C5	20.0	65.0	1	C5-R/LF123G20C35065E	50	65.0	35.0	0.0	150	0.6	N123G2-0300-0003-TF
		.787	2.559			1.969	2.559	1.378	.000	2175		
	C6	15.0	60.0	1	C6-R/LF123G15C45060E	63	60.0	45.0	0.0	150	1.1	N123G2-0300-0003-TF
		.591	2.362			2.480	2.362	1.772	.000	2175		
	C6	20.0	65.0	1	C6-R/LF123G20C45065E	63	65.0	45.0	0.0	150	1.1	N123G2-0300-0003-TF
		.787	2.559			2.480	2.559	1.772	.000	2175		
H	C3	20.0	60.0	1	C3-R/LF123H20C22060E	32	60.0	22.0	0.0	150	0.3	N123H2-0400-0004-TF
		.787	2.362			1.260	2.362	.866	.000	2175		
	C4	20.0	65.0	1	C4-R/LF123H20C27065E	40	65.0	27.0	0.0	150	0.4	N123H2-0400-0004-TF
		.787	2.559			1.575	2.559	1.063	.000	2175		
	C4	25.0	70.0	1	C4-R/LF123H25C27070E	40	70.0	27.0	0.0	150	0.4	N123H2-0400-0004-TF
		.984	2.756			1.575	2.756	1.063	.000	2175		
	C5	25.0	70.0	1	C5-R/LF123H25C35070E	50	70.0	35.0	0.0	150	0.6	N123H2-0400-0004-TF
		.984	2.756			1.969	2.756	1.378	.000	2175		
	C6	20.0	65.0	1	C6-R/LF123H20C45065E	63	65.0	45.0	0.0	150	1.1	N123H2-0400-0004-TF
		.787	2.559			2.480	2.559	1.772	.000	2175		
	C6	25.0	70.0	1	C6-R/LF123H25C45070E	63	70.0	45.0	0.0	150	1.1	N123H2-0400-0004-TF
		.984	2.756			2.480	2.756	1.772	.000	2175		
	C8	25.0	80.0	1	C8-R/LF123H25C51080E	80	80.0	42.0	0.0	150	2.1	N123H2-0400-0004-TF
		.984	3.150			3.150	3.150	1.654	.000	2175		

SSC = To correspond with SSC on insert.

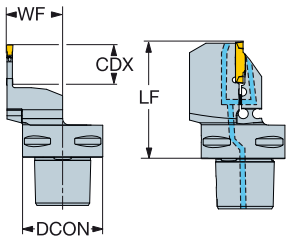
R = Right hand, L = Left hand

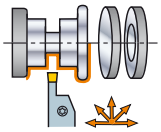
B6 I1 I5 F16 I38 I31

CoroCut® 1-2 cutting unit for parting and grooving

Spring lock design

Coromant Capto® - Internal coolant supply





SSC	CZC$_{MS}$	CDX	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	CP Bar/PSI	Kg	MIID
J	C4	20.0	65.0	1	C4-R/LF123J20C27065E	40	65.0	27.0	0.0	150	0.4	N123J2-0500-0004-TF
		.787	2.559			1.575	2.559	1.063	.000	2175		
	C4	25.0	48.8	1	C4-R/LF123J25C27070E	40	70.0	27.0	0.0	150	0.4	N123J2-0500-0004-TF
		.984	1.922			1.575	2.756	1.063	.000	2175		
	C5	25.0	70.0	1	C5-R/LF123J25C35070E	50	70.0	35.0	0.0	150	0.6	N123J2-0500-0004-TF
		.984	2.756			1.969	2.756	1.378	.000	2175		
	C6	25.0	70.0	1	C6-R/LF123J25C45070E	63	70.0	45.0	0.0	150	1.1	N123J2-0500-0004-TF
		.984	2.756			2.480	2.756	1.772	.000	2175		
	C8	25.0	80.0	1	C8-R/LF123J25C51080E	80	80.0	42.0	0.0	150	2.1	N123J2-0500-0004-TF
		.984	3.150			3.150	3.150	1.654	.000	2175		
K	C4	20.0	65.0	1	C4-R/LF123K20C27065E	40	65.0	27.0	0.0	150	0.4	N123K2-0600-0004-TF
		.787	2.559			1.575	2.559	1.063	.000	2175		
	C4	25.0	48.8	1	C4-R/LF123K25C27070E	40	70.0	27.0	0.0	150	0.4	N123K2-0600-0004-TF
		.984	1.922			1.575	2.756	1.063	.000	2175		
	C5	25.0	70.0	1	C5-R/LF123K25C35070E	50	70.0	35.0	0.0	150	0.6	N123K2-0600-0004-TF
		.984	2.756			1.969	2.756	1.378	.000	2175		
	C6	25.0	70.0	1	C6-R/LF123K25C45070E	63	70.0	45.0	0.0	150	1.1	N123K2-0600-0004-TF
		.984	2.756			2.480	2.756	1.772	.000	2175		
	C8	25.0	80.0	1	C8-R/LF123K25C51080E	80	80.0	42.0	0.0	150	2.1	N123K2-0600-0004-TF
		.984	3.150			3.150	3.150	1.654	.000	2175		
L	C5	25.0	70.0	1	C5-R/LF123L25C35070E	50	70.0	35.0	0.0	150	0.6	N123L2-0800-0008-TF
		.984	2.756			1.969	2.756	1.378	.000	2175		
	C6	25.0	70.0	1	C6-R/LF123L25C45070E	63	70.0	45.0	0.0	150	1.1	N123L2-0800-0008-TF
		.984	2.756			2.480	2.756	1.772	.000	2175		
	C6	32.0	80.0	1	C6-R/LF123L32C45080E	63	80.0	45.0	0.0	150	1.1	N123L2-0800-0008-TF
		1.260	3.150			2.480	3.150	1.772	.000	2175		
	C8	32.0	85.0	1	C8-R/LF123L32C51085E	80	85.0	42.0	0.0	150	2.1	N123L2-0800-0008-TF
		1.260	3.346			3.150	3.346	1.654	.000	2175		
M	C6	32.0	80.0	1	C6-R/LF123M32C45080E	63	80.0	45.0	0.0	150	1.2	N123M2-1000-0008-GM
		1.260	3.150			2.480	3.150	1.772	.000	2175		
	C8	32.0	85.0	1	C8-R/LF123M32C51085E	80	85.0	42.0	0.0	150	2.1	N123M2-1000-0008-GM
		1.260	3.346			3.150	3.346	1.654	.000	2175		

SSC = To correspond with SSC on insert.

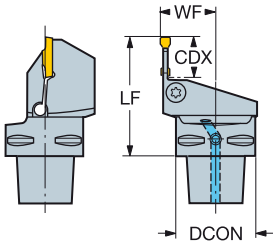
R = Right hand, L = Left hand

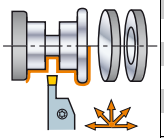
B6 I1 I5 F16 I38 I31

CoroCut® 1-2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply





SSC	CZC$_{MS}$	CDX	OHX	CNSC	Ordering code	DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
						Dimensions, mm, inch							
D	C3	8.0	50.0	1	C3-R/LF123D08-22050B	32	50.0	22.0	0.0	10	2.0	0.3	N123D2-0150-0002-CM
		.315	*1.969*			*1.260*	*1.969*	*.866*	*.000*	*145*			
	C4	8.0	50.0	1	C4-R/LF123D08-27050B	40	50.0	27.0	0.0	10	3.0	0.4	N123D2-0150-0002-CM
		.315	*1.969*			*1.575*	*1.969*	*1.063*	*.000*	*145*			
	C5	8.0	55.0	1	C5-R/LF123D08-35055B	50	55.0	35.0	0.0	10	2.0	0.6	N123D2-0150-0002-CM
		.315	*2.165*			*1.969*	*2.165*	*1.378*	*.000*	*145*			
E	C3	15.0	50.0	1	C3-R/LF123E08-22050B	32	50.0	22.0	0.0	10	2.0	0.3	N123E2-0200-0002-CM
		.591	*1.969*			*1.260*	*1.969*	*.866*	*.000*	*145*			
	C4	8.0	50.0	1	C4-R/LF123E08-27050B	40	50.0	27.0	0.0	10	3.7	0.4	N123E2-0200-0002-CM
		.315	*1.969*			*1.575*	*1.969*	*1.063*	*.000*	*145*			
	C5	8.0	60.0	1	C5-R/LF123E08-35060B	50	60.0	35.0	0.0	10	2.0	0.6	N123E2-0200-0002-CM
		.315	*2.362*			*1.969*	*2.362*	*1.378*	*.000*	*145*			
F	C3	10.0	55.0	1	C3-R/LF123F10-22050B	32	55.0	22.0	0.0	10	3.0	0.3	N123F2-0250-0002-CM
		.394	*2.165*			*1.260*	*2.165*	*.866*	*.000*	*145*			
	C4	10.0	50.0	1	C4-R/LF123F10-27050B	40	50.0	27.0	0.0	10	5.0	0.4	N123F2-0250-0002-CM
		.394	*1.969*			*1.575*	*1.969*	*1.063*	*.000*	*145*			
	C5	10.0	60.0	1	C5-R/LF123F10-35060B	50	60.0	35.0	0.0	10	2.5	0.6	N123F2-0250-0002-CM
		.394	*2.362*			*1.969*	*2.362*	*1.378*	*.000*	*145*			
G	C3	10.0	55.0	1	C3-R/LF123G10-22050B	32	55.0	22.0	0.0	10	4.5	0.3	N123G2-0300-0003-TF
		.394	*2.165*			*1.260*	*2.165*	*.866*	*.000*	*145*			
	C4	10.0	55.0	1	C4-R/LF123G10-27055B	40	55.0	27.0	0.0	10	4.0	0.4	N123G2-0300-0003-TF
		.394	*2.165*			*1.575*	*2.165*	*1.063*	*.000*	*145*			
	C5	10.0	60.0	1	C5-R/LF123G10-35060B	50	60.0	35.0	0.0	10	4.0	0.6	N123G2-0300-0003-TF
		.394	*2.362*			*1.969*	*2.362*	*1.378*	*.000*	*145*			
	C6	10.0	65.0	1	C6-R/LF123G10-45065B	63	65.0	45.0	0.0	10	3.0	1.2	N123G2-0300-0003-TF
		.394	*2.559*			*2.480*	*2.559*	*1.772*	*.000*	*145*			
H	C3	13.0	60.0	1	C3-R/LF123H13-22055B	32	60.0	22.0	0.0	10	4.5	0.3	N123H2-0400-0004-TF
		.512	*2.362*			*1.260*	*2.362*	*.866*	*.000*	*145*			
	C4	13.0	55.0	1	C4-R/LF123H13-27055B	40	55.0	27.0	0.0	10	7.5	0.4	N123H2-0400-0004-TF
		.512	*2.165*			*1.575*	*2.165*	*1.063*	*.000*	*145*			
	C5	13.0	60.0	1	C5-R/LF123H13-35060B	50	60.0	35.0	0.0	10	5.0	0.6	N123H2-0400-0004-TF
		.512	*2.362*			*1.969*	*2.362*	*1.378*	*.000*	*145*			
	C6	13.0	65.0	1	C6-R/LF123H13-45065B	63	65.0	45.0	0.0	10	4.0	1.2	N123H2-0400-0004-TF
		.512	*2.559*			*2.480*	*2.559*	*1.772*	*.000*	*145*			
J	C4	13.0	55.0	1	C4-R/LF123J13-27055B	40	55.0	27.0	0.0	10	7.5	0.4	N123J2-0500-0002-CM
		.512	*2.165*			*1.575*	*2.165*	*1.063*	*.000*	*145*			
	C5	13.0	60.0	1	C5-R/LF123J13-35060B	50	60.0	35.0	0.0	10	5.0	0.6	N123J2-0500-0002-CM
		.512	*2.362*			*1.969*	*2.362*	*1.378*	*.000*	*145*			
	C6	13.0	65.0	1	C6-R/LF123J13-45065B	63	65.0	45.0	0.0	10	4.0	1.2	N123J2-0500-0002-CM
		.512	*2.559*			*2.480*	*2.559*	*1.772*	*.000*	*145*			
	C8	13.0	80.0	1	C8-R/LF123J13-42080B	80	80.0	42.0	0.0	10	3.0	2.2	N123J2-0500- GM
		.512	*3.150*			*3.150*	*3.150*	*1.654*	*.000*	*145*			

SSC = To correspond with SSC on insert.

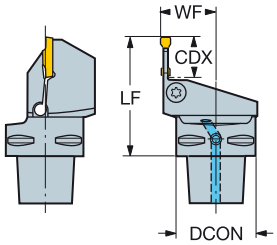
R = Right hand, L = Left hand

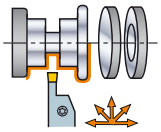
B6 I5 I1 F16 I38 I31

CoroCut® 1-2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply



	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
	K	C4	16.0	60.0	1	**C4-R/LF123K16-27060B**	40	60.0	27.0	0.0	10	6.5	0.4	N123K2-0600-0004-TF
			.630	*2.362*			*1.575*	*2.362*	*1.063*	*.000*	*145*			
		C5	16.0	60.0	1	**C5-R/LF123K16-35060B**	50	60.0	35.0	0.0	10	7.0	0.6	N123K2-0600-0004-TF
			.630	*2.362*			*1.969*	*2.362*	*1.378*	*.000*	*145*			
		C6	16.0	65.0	1	**C6-R/LF123K16-45065B**	63	65.0	45.0	0.0	10	5.2	1.2	N123K2-0600-0004-TF
			.630	*2.559*			*2.480*	*2.559*	*1.772*	*.000*	*145*			
		C8	16.0	80.0	1	**C8-R/LF123K16-42080B**	80	80.0	42.0	0.0	10	4.0	2.2	N123K2-0600-GM
			.630	*3.150*			*3.150*	*3.150*	*1.654*	*.000*	*145*			
	L	C5	13.0	60.0	1	**C5-R/LF123L13-35060B**	50	60.0	35.0	0.0	10	5.5	0.6	N123L2-0800-0008-TF
			.512	*2.362*			*1.969*	*2.362*	*1.378*	*.000*	*145*			
		C6	16.0	65.0	1	**C6-R/LF123L16-45065B**	63	65.0	45.0	0.0	10	5.5	1.2	N123L2-0800-0008-TF
			.630	*2.559*			*2.480*	*2.559*	*1.772*	*.000*	*145*			
		C8	25.0	80.0	1	**C8-R/LF123L25-42080B**	80	80.0	42.0	0.0	10	8.0	2.2	N123L2-0800-0008-TF
			.984	*3.150*			*3.150*	*3.150*	*1.654*	*.000*	*145*			

SSC = To correspond with SSC on insert.

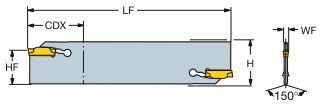
R = Right hand, L = Left hand

B6 I5 I1 F16 I38 I31

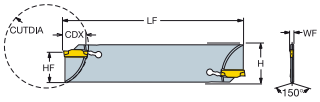
CoroCut® 1-2 blade for parting

Spring lock design

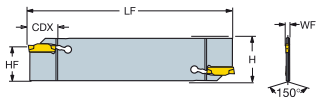
N123..A2



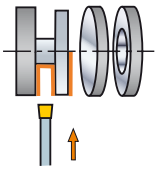
N123..A2 (C)



N123..A2 (S)



Double ended parting blade



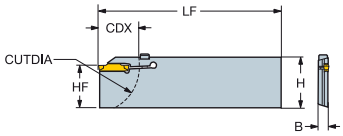
SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	kg	MIID
D	21	15.0	30.0	30.0	0	**N123D15-21A2**	25.9	110.0	1.3	21.4	0.0	N123D2-0150-0002-CM
		.591	*1.181*	*1.181*			*1.020*	*4.331*	*.049*	*.843*		
	25	15.0		55.0	0	**N123D15-25A2**	31.9	150.0	1.3	25.0	0.1	N123D2-0150-0002-CM
		.591		*2.165*			*1.256*	*5.906*	*.049*	*.984*		
E	21	15.0	30.0	30.0	0	**N123E15-21A2**	25.9	110.0	1.8	21.4	0.1	N123E2-0200-0002-CM
		.591	*1.181*	*1.181*			*1.020*	*4.331*	*.069*	*.843*		
	25	20.0		55.0	0	**N123E20-25A2**	31.9	150.0	1.8	25.0	0.1	N123E2-0200-0002-CM
		.787		*2.165*			*1.256*	*5.906*	*.069*	*.984*		
F	21	30.0		30.0	0	**N123F30-21A2**	25.9	110.0	2.3	21.4	0.0	N123F2-0250-0002-CM
		1.181		*1.181*			*1.020*	*4.331*	*.089*	*.843*		
	25	55.0		55.0	0	**N123F55-25A2**	31.9	150.0	2.3	25.0	0.1	N123F2-0250-0002-CM
		2.165		*2.165*			*1.256*	*5.906*	*.089*	*.984*		
G	21	30.0		30.0	0	**N123G30-21A2**	25.9	110.0	2.7	21.4	0.1	N123G2-0300-0003-TF
		1.181		*1.181*			*1.020*	*4.331*	*.105*	*.843*		
	25	55.0		55.0	0	**N123G55-25A2**	31.9	150.0	2.3	25.0	0.1	N123G2-0300-0003-TF
		2.165		*2.165*			*1.256*	*5.906*	*.089*	*.984*		
H	25	55.0		55.0	0	**N123H55-25A2**	31.9	150.0	3.7	25.0	0.1	N123H2-0400-0004-TF
		2.165		*2.165*			*1.256*	*5.906*	*.145*	*.984*		
J	25	55.0		55.0	0	**N123J55-25A2**	31.9	150.0	4.8	25.0	0.1	N123J2-0500-0002-CM
		2.165		*2.165*			*1.256*	*5.906*	*.187*	*.984*		
K	25	55.0		55.0	0	**N123K55-25A2**	31.9	150.0	5.8	25.0	0.1	N123K2-0600-0004-CR
		2.165		*2.165*			*1.256*	*5.906*	*.226*	*.984*		

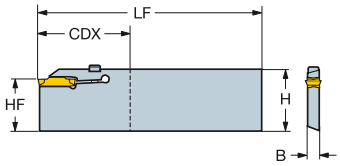
SSC = To correspond with SSC on insert.

B6 I1 F16 I38 I31

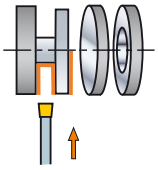
CoroCut® 1-2 blade for parting

Screw clamp design





Single ended parting blade



SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	Nm	Kg	MIID
E	21	20.0	40.0	45.0		0	R/LF123E20-21B1	25.9	110.0	7.3	21.4	3.3	0.2	N123E2-0200-0002-CM
		.787	*1.575*	*1.772*				*1.020*	*4.331*	*.285*	*.843*			
	25	25.0	50.0	45.0		0	R/LF123E25-25B1	31.9	150.0	8.3	25.0	3.3	0.3	N123E2-0200-0002-CM
		.984	*1.969*	*1.772*				*1.256*	*5.906*	*.325*	*.984*			
F	21	25.0	50.0	45.0		0	R/LF123F25-21B1	25.9	110.0	7.0	21.4	3.3	0.2	N123F2-0250-0002-CM
		.984	*1.969*	*1.772*				*1.020*	*4.331*	*.276*	*.843*			
	25	25.0	50.0	45.0		0	R/LF123F25-25B1	31.9	150.0	8.3	25.0	3.6	0.3	N123F2-0250-0002-CM
		.984	*1.969*	*1.772*				*1.256*	*5.906*	*.325*	*.984*			
G	21	30.0	60.0	51.0		0	R/LF123G30-21B1	25.9	110.0	6.9	21.4	4.5	0.2	N123G2-0300-0003-TF
		1.181	*2.362*	*2.008*				*1.020*	*4.331*	*.270*	*.843*			
	25	25.0	50.0	45.0		0	R/LF123G25-25B1	31.9	150.0	8.3	25.0	4.5	0.3	N123G2-0300-0003-TF
		.984	*1.969*	*1.772*				*1.256*	*5.906*	*.328*	*.984*			
	25	33.0	66.0	54.0		0	R/LF123G33-25B1	31.9	150.0	6.9	25.0	4.5	0.3	N123G2-0300-0003-TF
		1.299	*2.598*	*2.126*				*1.256*	*5.906*	*.270*	*.984*			
H	25	32.0	64.0	51.0		0	R/LF123H32-25B1	31.9	150.0	8.3	25.0	4.9	0.3	N123H2-0400-0004-TF
		1.260	*2.520*	*2.008*				*1.256*	*5.906*	*.328*	*.984*			
M	45	100.0		100.0	73.0	0	R/LF123M100-45B1	52.5	250.0	9.6	45.0	4.5	0.8	N123M1-1100-0008-GM
		3.937		*3.937*	*2.874*			*2.067*	*9.843*	*.379*	*1.77*			
	93	120.0		120.0	83.0	0	R/LF123M120-93B1	101.6	300.0	9.6	93.5	4.5	1.9	N123M1-1100-0008-GM
		4.724		*4.724*	*3.268*			*4.000*	*11.81*	*.379*	*3.68*			
R	93	120.0		120.0	83.0	0	R/LF123R120-93B1	101.6	300.0	13.1	93.5	4.5	1.9	N123R1-1500-0010-GR
		4.724		*4.724*	*3.268*			*4.000*	*11.81*	*.514*	*3.68*			

SSC = To correspond with SSC on insert.

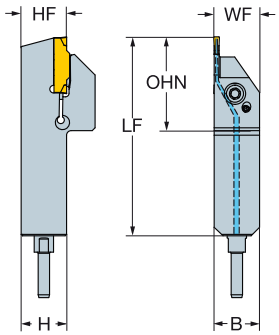
R = Right hand, L = Left hand

B6 I1 F16 I38 I31

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

Screw clamp design

High precision coolant supply



Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	Nm	Kg	MIID
HP	E	12 x 12	11.0	21	1	QS-R/LF123E11-1212BHP	12	12	70	12	12	80	2.5	0.1	N123E2-0200-0002-CM
		16 x 16	11.0	22	1	QS-R/LF123E11-1616BHP	16	16	70	16	16	80	2.5	0.2	N123E2-0200-0002-CM
		16 x 16	17.0	26	1	QS-R/LF123E17-1616BHP	16	16	70	16	16	80	2.5	0.2	N123E2-0200-0002-CM
	F	12 x 12	15.0	20	1	QS-R/LF123F15-1212BHP	12	12	70	12	12	80	2.5	0.2	N123F2-0250-0002-CM
		16 x 16	17.0	26	1	QS-R/LF123F17-1616BHP	16	16	70	16	16	80	2.5	0.2	N123F2-0250-0002-CM
	G	16 x 16	17.0	28	1	QS-R/LF123G17-1616BHP	16	16	70	16	16	80	2.5	0.2	N123G2-0300-0003-TF

Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	Ft/lbs	Lbs	MIID
HP	E	1/2 x 1/2	.433	.827	1	QS-R/LF123E043-08BHP	.500	.500	2.756	.500	.500	1160	1.8	.13	N123E2-0200-0002-CM
		5/8 x 5/8	.430	.887	1	QS-R/LF123E043-10BHP	.625	.625	2.756	.625	.625	1160	1.8	.51	N123E2-0200-0002-CM
		5/8 x 5/8	.669	1.024	1	QS-R/LF123E067-10BHP	.625	.625	2.756	.631	.625	1160	1.8	.33	N123E2-0200-0002-CM
	F	1/2 x 1/2	.590	1.047	1	QS-R/LF123F059-08BHP	.500	.500	2.756	.500	.500	1160	1.8	.37	N123F2-0250-0002-CM
		5/8 x 5/8	.670	1.126	1	QS-R/LF123F067-10BHP	.625	.625	2.756	.625	.625	1160	1.8	.51	N123F2-0250-0002-CM
	G	5/8 x 5/8	.670	1.126	1	QS-R/LF123G067-10BHP	.625	.625	2.756	.625	.625	1160	1.8	.51	N123G2-0300-0003-TF

SSC = To correspond with SSC on insert.

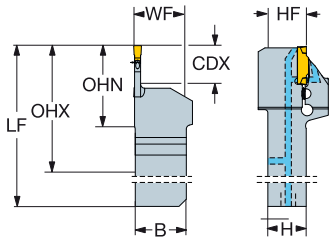
R = Right hand, L = Left hand

B6 I1 H10 I38

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

Spring lock design

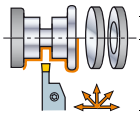
Internal coolant supply



Metric version

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	CNT	Kg	MIID
	E	25 x 25	15.0	57	32	3	QS-R/LF123E15C2525E	25	25	116	25	25	150	G1/8		N123E2-0200-0002-CM
	F	25 x 25	25.0	66	41	3	QS-R/LF123F20C2525E	25	25	125	25	25	150	G1/8	0.5	N123F2-0250-0002-CM
	G	20 x 20	15.0	57	32	3	QS-R/LF123G15C2020E	20	20	101	22	20	150	G1/8	0.3	N123G2-0300-0003-TF
		25 x 25	15.0	57	32	3	QS-R/LF123G15C2525E	25	25	116	25	25	150	G1/8	0.5	N123G2-0300-0003-TF
		25 x 25	20.0	62	37	3	QS-R/LF123G20C2525E	25	25	121	25	25	150	G1/8	0.5	N123G2-0300-0003-TF
	H	20 x 20	20.0	43	39	3	QS-R/LF123H20C2020E	20	20	108	20	20	150	G1/8	0.3	N123H2-0400-0004-TF
		25 x 25	20.0	61	36	3	QS-R/LF123H20C2525E	25	25	120	25	25	150	G1/8		N123H2-0400-0004-TF
		25 x 25	25.0	66	41	3	QS-R/LF123H25C2525E	25	25	125	25	25	150	G1/8		N123H2-0400-0004-TF
	J	20 x 20	20.0	62	37	3	QS-R/LF123J20C2020E	20	20	106	24	20	150	G1/8		N123J2-0500-0004-TF
		25 x 25	25.0	66	41	3	QS-R/LF123J25C2525E	25	25	125	25	25	150	G1/8		N123J2-0500-0004-TF
	K	25 x 25	25.0	66	41	3	QS-R/LF123K25C2525E	25	25	125	25	25	150	G1/8		N123K2-0600-0004-TF
	L	25 x 25	32.0	73	48	3	QS-R/LF123L32C2525E	25	25	132	25	25	150	G1/8		N123L2-0800-0008-TF
	M	25 x 25	32.0	74	49	3	QS-R/LF123M32C2525E	25	25	133	26	25	150	G1/8	0.6	N123M2-1000-0008-GM

Inch version

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	CNT	Lbs	MIID
	E	1 x 1	.630	2.288	1.303	3	QS-R/LF123E063C16E	1.000	1.000	4.610	1.020	1.000	2175	G1/8		N123E2-0200-0002-CM
	F	1 x 1	.800	2.458	1.473	3	QS-R/LF123F080C16E	1.000	1.000	4.780	1.020	1.000	2175	G1/8		N123F2-0250-0002-CM
	G	3/4 x 3/4	.630	2.347	1.362	3	QS-R/LF123G063C12E	.750	.750	4.079	.770	.750	2175	G1/8	.54	N123G2-0300-0003-TF
		1 x 1	.630	2.288	1.303	3	QS-R/LF123G063C16E	1.000	1.000	4.610	1.020	1.000	2175	G1/8	1.06	N123G2-0300-0003-TF
		1 x 1	.800	2.458	1.473	3	QS-R/LF123G080C16E	1.000	1.000	4.780	1.020	1.000	2175	G1/8		N123G2-0300-0003-TF
	H	3/4 x 3/4	.800	2.521	1.537	3	QS-R/LF123H080C12E	.750	.750	4.254	.770	.750	2175	G1/8	.56	N123H2-0400-0004-TF
		1 x 1	1.000	2.647	1.662	3	QS-R/LF123H100C16E	1.000	1.000	4.969	1.020	1.000	2175	G1/8		N123H2-0400-0004-TF
	J	3/4 x 3/4	.800	2.521	1.537	3	QS-R/LF123J080C12E	.750	.750	4.254	.770	.750	2175	G1/8	.57	N123J2-0500-0004-TF
		1 x 1	1.000	2.647	1.662	3	QS-R/LF123J100C16E	1.000	1.000	4.969	1.020	1.000	2175	G1/8		N123J2-0500-0004-TF
	K	1 x 1	1.000	2.647	1.662	3	QS-R/LF123K100C16E	1.000	1.000	4.969	1.020	1.000	2175	G1/8	1.15	N123K2-0600-0004-TF
	L	1 x 1	1.250	2.874	1.890	3	QS-R/LF123L125C16E	1.000	1.000	5.197	1.020	1.000	2175	G1/8	1.16	N123L2-0800-0008-TF
	M	1 x 1	1.250	2.913	1.929	3	QS-R/LF123M125C16E	1.000	1.000	5.236	1.039	1.000	2175	G1/8	1.26	N123M2-1000-0008-GM

SSC = To correspond with SSC on insert.

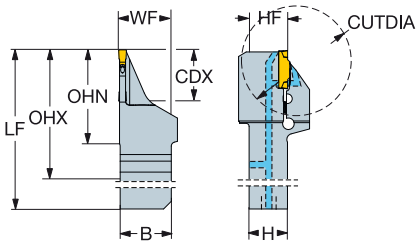
R = Right hand, L = Left hand

B6 I1 F16 I5 I38

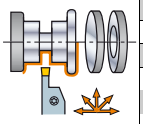
CoroCut® 1-2 QS shank tool for parting and grooving

Spring lock design

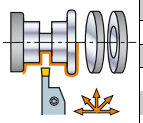
Internal coolant supply



Metric version

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	CNT	Kg	MIID
	E	20 x 20	20.0	40	62	37	3	QS-R/LF123E20C2020F	20	20	106	20	20	150	G1/8	0.3	N123E2-0200-0002-CM
	F	20 x 20	20.0	40	62	37	3	QS-R/LF123F20C2020F	20	20	106	20	20	150	G1/8	0.3	N123F2-0250-0002-CM
	G	20 x 20	20.0	40	62	37	3	QS-R/LF123G20C2020F	20	20	106	20	20	150	G1/8	0.3	N123G2-0300-0003-TF
	H	20 x 20	25.0	50	67	42	3	QS-R/LF123H25C2020F	20	20	111	20	20	150	G1/8	0.3	N123H2-0400-0004-TF

Inch version

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	CNT	Lbs	MIID
	E	3/4 x 3/4	.800	1.600	2.517	1.532	3	QS-R/LF123E080C12F	.750	.750	4.249	.770	.750	2175	G1/8	.55	N123E2-0200-0002-CM
	F	3/4 x 3/4	.800	1.600	2.517	1.532	3	QS-R/LF123F080C12F	.750	.750	4.249	.770	.750	2175	G1/8	.55	N123F2-0250-0002-CM
	G	3/4 x 3/4	.800	1.600	2.517	1.532	3	QS-R/LF123G080C12F	.750	.750	4.249	.770	.750	2175	G1/8	.56	N123G2-0300-0003-TF
	H	3/4 x 3/4	1.000	2.000	2.721	1.737	3	QS-R/LF123H100C12F	.750	.750	4.454	.770	.750	2175	G1/8	.59	N123H2-0400-0004-TF

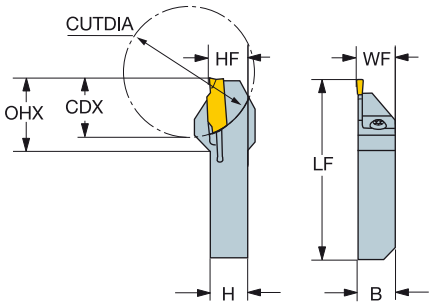
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

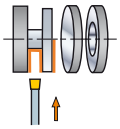
B6 I1 F16 I5 I38

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

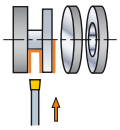
Screw clamp design



Metric version

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	D	16 x 16	8.0	16	19	0	QS-R/LF123D08-1616B	16	16	70	16	16	2.5	0.2	N123D2-0150-0002-CM
		10 x 10	10.0	20	18	0	QS-R/LF123D10-1010B	10	10	70	10	10	2.5	0.1	N123D2-0150-0002-CM
		12 x 12	11.0	22	20	0	QS-R/LF123D11-1212B	12	12	70	12	12	2.5	0.2	N123D2-0150-0002-CM
		16 x 16	17.0	34	28	0	QS-R/LF123D17-1616B	16	16	70	16	16	2.5	0.2	N123D2-0150-0002-CM
	E	10 x 10	10.0	20	21	0	QS-R/LF123E10-1010B	10	10	70	10	10	2.5	0.1	N123E2-0200-0002-CM
		12 x 12	11.0	22	21	0	QS-R/LF123E11-1212B	12	12	70	12	12	2.5	0.1	N123E2-0200-0002-CM
		16 x 16	11.0	22	22	0	QS-R/LF123E11-1616B	16	16	70	16	16	2.5	0.2	N123E2-0200-0002-CM
		16 x 16	17.0	34	26	0	QS-R/LF123E17-1616B	16	16	70	16	16	2.5	0.1	N123E2-0200-0002-CM
	F	10 x 10	10.0	20	21	0	QS-R/LF123F10-1010B	10	10	70	10	10	2.5	0.1	N123F2-0250-0002-CM
		12 x 12	15.0	30	20	0	QS-R/LF123F15-1212B	12	12	70	12	12	2.5	0.2	N123F2-0250-0002-CM
		16 x 16	17.0	34	26	0	QS-R/LF123F17-1616B	16	16	70	16	16	2.5	0.1	N123F2-0250-0002-CM
	G	16 x 16	17.0	34	28	0	QS-R/LF123G17-1616B	16	16	70	16	16	2.5	0.2	N123G2-0300-0003-TF

Inch version

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
	D	3/8 x 3/8	.375	.787	.709	0	QS-R/LF123D039-06B	.375	.375	2.756	.381	.375	1.8	.11	N123D2-0150-0002-CM
		1/2 x 1/2	.433	.866	.787	0	QS-R/LF123D043-08B	.500	.500	2.756	.506	.500	1.8	.44	N123D2-0150-0002-CM
		5/8 x 5/8	.320	.640	.777	0	QS-R/LF123D032-10B	.625	.625	2.756	.625	.625	1.8	.51	N123D2-0150-0002-CM
		5/8 x 5/8	.670	1.340	1.127	0	QS-R/LF123D067-10B	.625	.625	2.756	.625	.625	1.8	.51	N123D2-0150-0002-CM
	E	3/8 x 3/8	.394	.787	.827	0	QS-R/LF123E039-06B	.375	.375	2.756	.381	.375	1.8	.11	N123E2-0200-0002-CM
		1/2 x 1/2	.433	.866	.827	0	QS-R/LF123E043-08B	.500	.500	2.756	.506	.500	1.8	.13	N123E2-0200-0002-CM
		5/8 x 5/8	.430	.860	.887	0	QS-R/LF123E043-10B	.625	.625	2.756	.625	.625	1.8	.51	N123E2-0200-0002-CM
		5/8 x 5/8	.669	1.338	1.024	0	QS-R/LF123E067-10B	.625	.625	2.756	.631	.625	1.8	.30	N123E2-0200-0002-CM
	F	3/8 x 3/8	.390	.780	.847	0	QS-R/LF123F039-06B	.375	.375	2.756	.375	.375	1.8	.24	N123F2-0250-0002-CM
		1/2 x 1/2	.590	1.180	1.047	0	QS-R/LF123F059-08B	.500	.500	2.756	.500	.500	1.8	.37	N123F2-0250-0002-CM
	G	5/8 x 5/8	.670	1.340	1.126	0	QS-R/LF123G067-10B	.625	.625	2.756	.625	.625	1.8	.51	N123G2-0300-0003-TF

SSC = To correspond with SSC on insert.

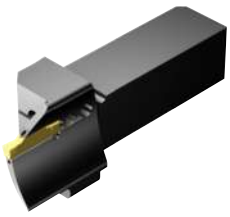
R = Right hand, L = Left hand

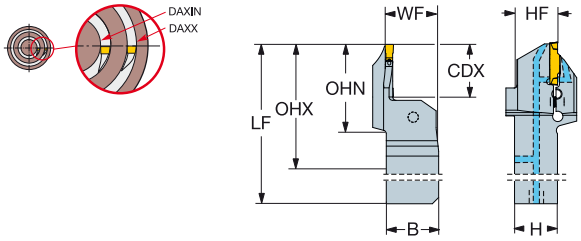
 B6  I1  H10  I38

CoroCut® 1-2 QS shank tool for face grooving

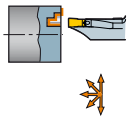
Spring lock design

Internal coolant supply

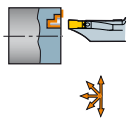




Metric version

	SSC	CZC$_{MS}$	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	CNT	Kg	MIID
	G	25 x 25	20.0	42	60	62	37	3	QS-R/LF123G20C2525E-042B	25	25	121	25	25	150	G1/8	0.5	N123G2-0300-0003-TF
		25 x 25	20.0	54	75	62	37	3	QS-R/LF123G20C2525E-054B	25	25	121	25	25	150	G1/8	0.5	N123G2-0300-0003-TF
		25 x 25	20.0	67	100	62	37	3	QS-R/LF123G20C2525E-067B	25	25	121	25	25	150	G1/8	0.5	N123G2-0300-0003-TF
		25 x 25	20.0	90	160	62	37	3	QS-R/LF123G20C2525E-090B	25	25	121	25	25	150	G1/8	0.5	N123G2-0300-0003-TF
		25 x 25	20.0	130	160	62	37	3	QS-R/LF123G20C2525E-130B	25	25	121	25	25	150	G1/8	0.5	N123G2-0300-0003-TF
	H	25 x 25	25.0	64	100	67	42	3	QS-R/LF123H25C2525E-064B	25	25	126	25	25	150	G1/8	0.5	N123H2-0400-0004-TF
		25 x 25	25.0	92	140	67	42	3	QS-R/LF123H25C2525E-092B	25	25	126	25	25	150	G1/8	0.5	N123H2-0400-0004-TF
		25 x 25	25.0	132	230	67	42	3	QS-R/LF123H25C2525E-132B	25	25	126	25	25	150	G1/8	0.5	N123H2-0400-0004-TF
		25 x 25	25.0	220	500	67	42	3	QS-R/LF123H25C2525E-220B	25	25	126	25	25	150	G1/8	0.5	N123H2-0400-0004-TF
		25 x 25	25.0	300	800	67	42	3	QS-R/LF123H25C2525E-300B	25	25	126	25	25	150	G1/8	0.5	N123H2-0400-0004-TF

Inch version

	SSC	CZC$_{MS}$	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	CNT	Lbs	MIID
	G	1 x 1	.750	1.653	2.362	2.505	1.505	3	QS-R/LF123G075C16E-042B	1.000	1.000	4.812	1.020	1.000	2175	G1/8	1.03	N123G2-0300-0003-TF
		1 x 1	.750	2.125	2.953	2.505	1.505	3	QS-R/LF123G075C16E-054B	1.000	1.000	4.812	1.020	1.000	2175	G1/8	1.03	N123G2-0300-0003-TF
		1 x 1	.750	2.637	3.937	2.505	1.505	3	QS-R/LF123G075C16E-067B	1.000	1.000	4.812	1.020	1.000	2175	G1/8	1.03	N123G2-0300-0003-TF
		1 x 1	.800	3.543	6.299	2.505	1.505	3	QS-R/LF123G080C16E-090B	1.000	1.000	4.812	1.020	1.000	2175	G1/8	1.06	N123G2-0300-0003-TF
		1 x 1	.800	5.118	6.299	2.505	1.505	3	QS-R/LF123G080C16E-130B	1.000	1.000	4.812	1.020	1.000	2175	G1/8	1.06	N123G2-0300-0003-TF
	H	1 x 1	1.000	2.519	3.937	2.702	1.702	3	QS-R/LF123H100C16E-064B	1.000	1.000	5.009	1.020	1.000	2175	G1/8	1.10	N123H2-0400-0004-TF
		1 x 1	1.000	3.622	5.512	2.702	1.702	3	QS-R/LF123H100C16E-092B	1.000	1.000	5.009	1.020	1.000	2175	G1/8	1.10	N123H2-0400-0004-TF
		1 x 1	1.000	5.196	9.055	2.702	1.702	3	QS-R/LF123H100C16E-132B	1.000	1.000	5.009	1.020	1.000	2175	G1/8	1.10	N123H2-0400-0004-TF
		1 x 1	1.000	8.661	19.685	2.702	1.702	3	QS-R/LF123H100C16E-220B	1.000	1.000	5.009	1.020	1.000	2175	G1/8	1.10	N123H2-0400-0004-TF
		1 x 1	1.000	11.811	31.496	2.702	1.702	3	QS-R/LF123H100C16E-300B	1.000	1.000	5.009	1.020	1.000	2175	G1/8	1.10	N123H2-0400-0004-TF

SSC = To correspond with SSC on insert.

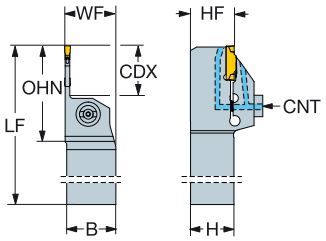
R = Right hand, L = Left hand

B6 I1 F16 CNSC CXSC I38

CoroCut® 1-2 shank tool for parting and grooving

Spring lock design

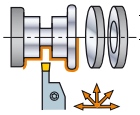
Internal coolant supply



Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	CNT	MIID
	K	32 x 32	25.0	48	2	**R/LF123K25C3232E**	32	32	170	33	32	150	G1/8	N123K2-0600-0004-TF
	L	32 x 32	32.0	55	2	**R/LF123L32C3232E**	32	32	170	33	32	150	G1/8	N123L2-0800-0008-TF
	M	32 x 32	32.0	56	2	**R/LF123M32C3232E**	32	32	170	33	32	150	G1/8	N123M2-1000-0008-GM

Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	CNT	Lbs	MIID
	K	1 1/4 x 1 1/4	1.000	1.938	2	**R/LF123K100C20E**	1.250	1.250	6.961	1.277	1.250	2175	G1/8	2.61	N123K2-0600-0004-TF
	L	1 1/4 x 1 1/4	1.250	2.173	2	**R/LF123L125C20E**	1.250	1.250	6.953	1.318	1.250	2175	G1/8	2.52	N123L2-0800-0008-TF
	M	1 1/4 x 1 1/4	1.250	2.211	2	**R/LF123M125C20E**	1.250	1.250	6.953	1.318	1.250	2175	G1/8		N123M2-1000-0008-GM

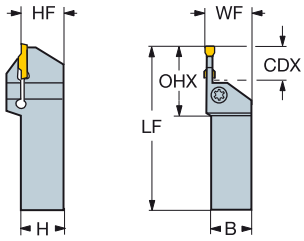
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

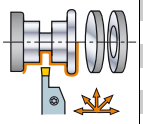
B6 I1 F16 I38 I31

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design



Metric version



SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
D	12 x 12	8.0	25	0	R/LF123D08-1212B	12	12	125	13	12	2.5	0.1	N123D2-0150-0002-CM
	16 x 16	8.0	25	0	R/LF123D08-1616B	16	16	100	17	16	2.5	0.2	N123D2-0150-0002-CM
	20 x 20	8.0	25	0	R/LF123D08-2020B	20	20	125	21	20	2.5	0.4	N123D2-0150-0002-CM
	25 x 25	8.0	25	0	R/LF123D08-2525B	25	25	150	26	25	2.5	0.8	N123D2-0150-0002-CM
	16 x 16	15.0	33	0	R/LF123D15-1616B	16	16	100	17	16	3.5	0.2	N123D2-0150-0002-CM
	20 x 20	15.0	33	0	R/LF123D15-2020B	20	20	125	21	20	3.5	0.4	N123D2-0150-0002-CM
	25 x 25	15.0	33	0	R/LF123D15-2525B	25	25	150	26	25	3.5	0.7	N123D2-0150-0002-CM
E	12 x 12	8.0	25	0	R/LF123E08-1212B	12	12	125	13	12	2.5	0.1	N123E2-0200-0002-CM
	16 x 16	8.0	25	0	R/LF123E08-1616B	16	16	125	17	16	2.5	0.2	N123E2-0200-0002-CM
	20 x 20	8.0	25	0	R/LF123E08-2020B	20	20	125	21	20	2.5	0.4	N123E2-0200-0002-CM
	25 x 25	8.0	25	0	R/LF123E08-2525B	25	25	150	26	25	2.5	0.8	N123E2-0200-0002-CM
	12 x 12	12.0	30	0	R/LF123E12-1212B	12	12	125	13	12	3.5	0.1	N123E2-0200-0002-CM
	16 x 16	15.0	33	0	R/LF123E15-1616B	16	16	125	17	16	4.0	0.2	N123E2-0200-0002-CM
	20 x 20	15.0	33	0	R/LF123E15-2020B	20	20	125	21	20	4.0	0.4	N123E2-0200-0002-CM
	25 x 25	15.0	33	0	R/LF123E15-2525B	25	25	150	26	25	4.0	0.6	N123E2-0200-0002-CM
F	12 x 12	10.0	29	0	R/LF123F10-1212B	12	12	125	13	12	3.0	0.1	N123F2-0250-0002-CM
	16 x 16	10.0	29	0	R/LF123F10-1616B	16	16	125	17	16	3.0	0.2	N123F2-0250-0002-CM
	20 x 20	10.0	29	0	R/LF123F10-2020B	20	20	125	21	20	3.0	0.4	N123F2-0250-0002-CM
	25 x 25	10.0	29	0	R/LF123F10-2525B	25	25	150	26	25	3.0	0.8	N123F2-0250-0002-CM
	16 x 16	20.0	40	0	R/LF123F20-1616B	16	16	125	17	16	4.0	0.2	N123F2-0250-0002-CM
	20 x 20	20.0	40	0	R/LF123F20-2020B	20	20	125	21	20	4.0	0.4	N123F2-0250-0002-CM
	25 x 25	20.0	40	0	R/LF123F20-2525B	25	25	150	26	25	4.0	0.7	N123F2-0250-0002-CM
	32 x 25	20.0	40	0	R/LF123F20-3225B	25	32	170	26	32	4.0	0.9	N123F2-0250-0002-CM
G	16 x 16	10.0	30	0	R/LF123G10-1616B	16	16	125	17	16	3.5	0.2	N123G2-0300-0003-TF
	20 x 20	10.0	30	0	R/LF123G10-2020B	20	20	125	21	20	3.5	0.4	N123G2-0300-0003-TF
	25 x 25	10.0	30	0	R/LF123G10-2525B	25	25	150	26	25	3.5	0.8	N123G2-0300-0003-TF
	32 x 25	10.0	30	0	R/LF123G10-3225B	25	32	170	26	32	3.5	1.0	N123G2-0300-0003-TF
	12 x 12	12.0	32	0	R/LF123G12-1212B	12	12	125	13	12	3.5	0.1	N123G2-0300-0003-TF
	16 x 16	20.0	41	0	R/LF123G20-1616B	16	16	125	17	16	5.0	0.2	N123G2-0300-0003-TF
	20 x 20	20.0	41	0	R/LF123G20-2020B	20	20	125	21	20	5.0	0.8	N123G2-0300-0003-TF
	25 x 25	20.0	41	0	R/LF123G20-2525B	25	25	150	26	25	5.0	0.7	N123G2-0300-0003-TF
	32 x 25	20.0	41	0	R/LF123G20-3225B	25	32	170	26	32	5.0	0.9	N123G2-0300-0003-TF
	32 x 32	20.0	41	0	R/LF123G20-3232B	32	32	170	33	32	5.0	1.2	N123G2-0300-0003-TF
H	16 x 16	13.0	34	0	R/LF123H13-1616B	16	16	125	17	16	4.5	0.2	N123H2-0400-0004-TF
	20 x 20	13.0	34	0	R/LF123H13-2020BM	20	20	125	21	20	4.5	0.4	N123H2-0400-0004-TF
	25 x 25	13.0	34	0	R/LF123H13-2525BM	25	25	150	26	25	4.5	0.7	N123H2-0400-0004-TF
	32 x 25	13.0	34	0	R/LF123H13-3225BM	25	32	170	26	32	4.5	0.9	N123H2-0400-0004-TF
	32 x 32	13.0	34	0	R/LF123H13-3232BM	32	32	170	33	32	4.5	1.4	N123H2-0400-0004-TF
	16 x 16	25.0	47	0	R/LF123H25-1616B	16	16	125	17	16	7.0	0.2	N123H2-0400-0004-TF
	20 x 20	25.0	47	0	R/LF123H25-2020BM	20	20	125	21	20	7.0	0.4	N123H2-0400-0004-TF
	25 x 25	25.0	47	0	R/LF123H25-2525BM	25	25	150	26	25	7.0	0.7	N123H2-0400-0004-TF
	32 x 25	25.0	47	0	R/LF123H25-3225BM	25	32	170	26	32	7.0	0.9	N123H2-0400-0004-TF
	32 x 32	25.0	47	0	R/LF123H25-3232BM	32	32	170	33	32	7.0	1.2	N123H2-0400-0004-TF

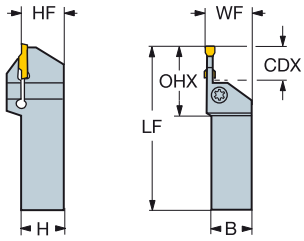
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

B6 I5 I1 F16 I38 I31

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design



Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	J	20 x 20	13.0	34	0	R/LF123J13-2020BM	20	20	125	21	20	5.0	0.4	N123J2-0500- CM/GM
		25 x 25	13.0	34	0	R/LF123J13-2525BM	25	25	150	26	25	5.0	0.8	N123J2-0500-0002-CM
		32 x 25	13.0	34	0	R/LF123J13-3225BM	25	32	170	26	32	5.0	0.9	N123J2-0500-0002-CM
		32 x 32	13.0	34	0	R/LF123J13-3232BM	32	32	170	33	32	5.0	1.4	N123J2-0500-0002-CM
		25 x 25	22.0	51	0	R/LF123J22-2525B	25	25	150	26	25	6.0	0.7	N123J2-0500-0004-TF
		25 x 25	32.0	57	0	R/LF123J32-2525BM	25	25	150	26	25	7.5	0.7	N123J2-0500-0002-CM
		32 x 25	32.0	57	0	R/LF123J32-3225BM	25	32	170	26	32	7.5	1.0	N123J2-0500-0002-CM
		32 x 32	32.0	57	0	R/LF123J32-3232BM	32	32	170	33	32	7.5	1.2	N123J2-0500-0002-CM
	K	25 x 25	16.0	39	0	R/LF123K16-2525BM	25	25	150	26	25	5.5	0.8	N123K2-0600-0004-TF
		32 x 25	16.0	39	0	R/LF123K16-3225BM	25	32	170	26	32	5.5	0.9	N123K2-0600-0004-TF
		32 x 32	16.0	39	0	R/LF123K16-3232BM	32	32	170	33	32	5.5	1.4	N123K2-0600-0004-TF
		25 x 25	32.0	58	0	R/LF123K32-2525BM	25	25	150	26	25	7.5	0.7	N123K2-0600-0004-TF
		32 x 25	32.0	58	0	R/LF123K32-3225BM	25	32	170	26	32	7.5	0.9	N123K2-0600-0004-TF
		32 x 32	32.0	58	0	R/LF123K32-3232BM	32	32	170	33	32	7.5	1.2	N123K2-0600-0004-TF
	L	25 x 25	16.0	41	0	R/LF123L16-2525BM	25	25	150	26	25	6.5	0.8	N123L2-0800-0008-TF
		25 x 25	25.0	52	0	R/LF123L25-2525BM	25	25	150	26	25	7.0	0.8	N123L2-0800-0008-TF
		32 x 25	25.0	52	0	R/LF123L25-3225BM	25	32	170	26	32	7.0	0.9	N123L2-0800-0008-TF
		32 x 25	32.0	60	0	R/LF123L32-3225BM	25	32	170	26	32	7.5	0.9	N123L2-0800-0008-TF
		32 x 32	32.0	60	0	R/LF123L32-3232BM	32	32	170	33	32	7.5	1.2	N123L2-0800-0008-TF
	M	32 x 32	32.0	63	0	R/LF123M32-3232B	32	32	250	34	32	9.0	2.9	N123M1-1100-0008-GM
		40 x 40	32.0	63	0	R/LF123M32-4040B	40	40	250	34	40	9.0	3.8	N123M1-1100-0008-GM
		40 x 40	50.0	63	0	R/LF123M50-4040B	40	40	250	42	40	4.5	2.9	N123M1-1100-0008-GM
	R	32 x 32	32.0	71	0	R/LF123R32-3232B	32	32	250	34	32	10.0	2.9	N123R1-1500-0010-GR
		40 x 40	32.0	71	0	R/LF123R32-4040B	40	40	250	42	40	10.0	2.6	N123R1-1500-0010-GR
		40 x 40	50.0	71	0	R/LF123R50-4040B	40	40	250	42	40	4.5	2.9	N123R1-1500-0010-GR

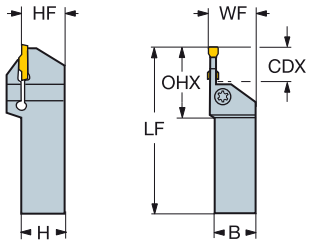
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

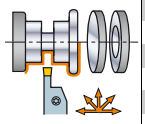
B6 I5 I1 F16 I38 I31

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design



Inch version

	SSC	CZC$_{MS}$	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
	D	1/2 x 1/2	.315	1.000	0	R/LF123D032-08B	.500	.500	4.500	.512	.500	1.8	.44	N123D2-0150-0002-CM
		5/8 x 5/8	.320	1.000	0	RF123D032-10B	.625	.625	4.500	.670	.625	1.8	.62	N123D2-0150-0002-CM
		5/8 x 5/8	.590	1.320	0	RF123D059-10B	.625	.625	4.500	.670	.625	2.6	.57	N123D2-0150-0002-CM
		3/4 x 3/4	.320	1.000	0	R/LF123D032-12B	.750	.750	4.500	.825	.750	1.8	.77	N123D2-0150-0002-CM
		3/4 x 3/4	.590	1.320	0	R/LF123D059-12B	.750	.750	4.500	.827	.750	2.6	.76	N123D2-0150-0002-CM
		1 x 1	.320	1.000	0	R/LF123D032-16B	1.000	1.000	5.000	1.028	1.000	1.8	2.20	N123D2-0150-0002-CM
		1 x 1	.590	1.320	0	R/LF123D059-16B	1.000	1.000	6.000	1.028	1.000	2.6	2.20	N123D2-0150-0002-CM
	E	1/2 x 1/2	.320	1.004	0	R/LF123E032-08B	.500	.500	4.500	.512	.500	1.8	.66	N123E2-0200-0002-CM
		1/2 x 1/2	.590	1.319	0	R/LF123E059-08B	.500	.500	4.500	.512	.500	3.0	.29	N123E2-0200-0002-CM
		5/8 x 5/8	.320	1.004	0	R/LF123E032-10B	.625	.625	4.500	.669	.625	1.8	.57	N123E2-0200-0002-CM
		5/8 x 5/8	.590	1.319	0	R/LF123E059-10B	.625	.625	4.500	.669	.625	3.0	.44	N123E2-0200-0002-CM
		3/4 x 3/4	.320	1.004	0	R/LF123E032-12B	.750	.750	4.500	.827	.750	1.8	.88	N123E2-0200-0002-CM
		3/4 x 3/4	.590	1.319	0	R/LF123E059-12B	.750	.750	5.000	.827	.750	3.0	.76	N123E2-0200-0002-CM
		1 x 1	.320	1.004	0	R/LF123E032-16B	1.000	1.000	5.000	1.024	1.000	1.8	1.41	N123E2-0200-0002-CM
		1 x 1	.590	1.319	0	R/LF123E059-16B	1.000	1.000	6.000	1.024	1.000	3.0	1.59	N123E2-0200-0002-CM
	F	5/8 x 5/8	.400	1.142	0	R/LF123F040-10B	.625	.625	4.500	.669	.625	2.2	.44	N123F2-0250-0002-CM
		5/8 x 5/8	.790	1.575	0	R/LF123F079-10B	.625	.625	4.500	.669	.625	3.0	.62	N123F2-0250-0002-CM
		3/4 x 3/4	.400	1.142	0	R/LF123F040-12B	.750	.750	4.500	.827	.750	2.2	1.03	N123F2-0250-0002-CM
		3/4 x 3/4	.790	1.575	0	R/LF123F079-12B	.750	.750	5.000	.827	.750	3.0	1.03	N123F2-0250-0002-CM
		1 x 1	.400	1.142	0	R/LF123F040-16B	1.000	1.000	5.000	1.024	1.000	2.2	2.20	N123F2-0250-0002-CM
		1 x 1	.790	1.575	0	R/LF123F079-16B	1.000	1.000	6.000	1.024	1.000	3.0	1.59	N123F2-0250-0002-CM
		1 1/4 x 1 1/4	.400	1.142	0	R/LF123F040-20B	1.250	1.250	6.000	1.299	1.250	2.2	2.45	N123F2-0250-0002-CM
		1 1/4 x 1 1/4	.790	1.575	0	R/LF123F079-20B	1.250	1.250	6.000	1.299	1.250	3.0	2.45	N123F2-0250-0002-CM
	G	5/8 x 5/8	.394	.880	0	R/LF123G040-10B	.625	.625	4.500	.669	.625	2.6	.44	N123G2-0300-0003-TF
		3/4 x 3/4	.400	.880	0	R/LF123G040-12B	.750	.750	4.500	.827	.750	2.6	.62	N123G2-0300-0003-TF
		3/4 x 3/4	.790	.880	0	R/LF123G079-12B	.750	.750	5.000	.827	.750	3.7	.88	N123G2-0300-0003-TF
		1 x 1	.400	.880	0	R/LF123G040-16B	1.000	1.000	5.000	1.024	1.000	2.6	1.59	N123G2-0300-0003-TF
		1 x 1	.790	.880	0	R/LF123G079-16B	1.000	1.000	6.000	1.024	1.000	3.7	1.43	N123G2-0300-0003-TF
		1 1/4 x 1 1/4	.400	.880	0	R/LF123G040-20B	1.250	1.250	6.000	1.299	1.250	2.6	2.45	N123G2-0300-0003-TF
		1 1/4 x 1 1/4	.790	.880	0	R/LF123G079-20B	1.250	1.250	6.000	1.299	1.250	3.7	2.46	N123G2-0300-0003-TF
	H	5/8 x 5/8	.512	1.339	0	R/LF123H051-10B	.625	.625	4.500	.669	.625	3.3	.44	N123H2-0400-0004-TF
		3/4 x 3/4	.510	1.338	0	R/LF123H051-12BM	.750	.750	4.500	.827	.750	3.3	.66	N123H2-0400-0004-TF
		3/4 x 3/4	.980	1.850	0	R/LF123H098-12BM	.750	.750	5.000	.827	.750	4.1	.66	N123H2-0400-0004-TF
		1 x 1	.510	1.338	0	R/LF123H051-16BM	1.000	1.000	5.000	1.024	1.000	3.7	3.96	N123H2-0400-0004-TF
		1 x 1	.980	1.850	0	R/LF123H098-16BM	1.000	1.000	6.000	1.024	1.000	5.2	3.96	N123H2-0400-0004-TF
		1 1/4 x 1 1/4	.510	1.338	0	R/LF123H051-20BM	1.250	1.250	6.000	1.299	1.250	3.7	5.50	N123H2-0400-0004-TF
		1 1/4 x 1 1/4	.980	1.850	0	R/LF123H098-20BM	1.250	1.250	6.000	1.299	1.250	5.2	5.50	N123H2-0400-0004-TF
	J	1 x 1	.510	1.338	0	R/LF123J051-16BM	1.000	1.000	5.000	1.024	1.000	3.7	3.87	N123J2-0500-0002-CM
		1 x 1	1.260	2.244	0	R/LF123J126-16BM	1.000	1.000	6.000	1.024	1.000	5.5	5.50	N123J2-0500-0002-CM
		1 1/4 x 1 1/4	.510	1.338	0	R/LF123J051-20BM	1.250	1.250	6.000	1.299	1.250	3.7	5.50	N123J2-0500-0002-CM
		1 1/4 x 1 1/4	1.260	2.244	0	R/LF123J126-20BM	1.250	1.250	6.000	1.299	1.250	5.5	5.50	N123J2-0500-0002-CM
		1 1/2 x 1 1/2	1.260	2.244	0	R/LF123J126-24BM	1.500	1.500	8.000	1.614	1.500	5.5	7.70	N123J2-0500-0002-CM

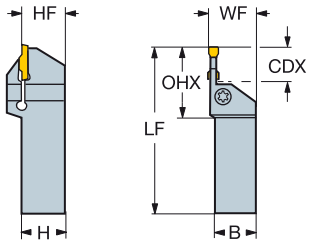
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

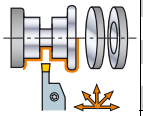
B6 I5 I1 F16 I38 I31

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design



Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
	K	1 x 1	.630	1.535	0	R/LF123K063-16BM	1.000	1.000	5.000	1.024	1.000	4.1	3.89	N123K2-0600-0004-TF
		1 x 1	1.260	2.283	0	R/LF123K126-16BM	1.000	1.000	6.000	1.024	1.000	5.5	5.50	N123K2-0600-0004-TF
		1 1/4 x 1 1/4	.630	1.535	0	R/LF123K063-20BM	1.250	1.250	6.000	1.299	1.250	4.1	5.50	N123K2-0600-0004-TF
		1 1/4 x 1 1/4	1.260	2.283	0	R/LF123K126-20BM	1.250	1.250	6.000	1.299	1.250	5.5	5.50	N123K2-0600-0004-TF
		1 1/2 x 1 1/2	1.260	2.283	0	R/LF123K126-24BM	1.500	1.500	8.000	1.614	1.500	5.5	7.70	N123K2-0600-0004-TF
	L	1 x 1	.630	1.600	0	R/LF123L063-16BM	1.000	1.000	6.000	1.028	1.000	4.8	3.96	N123L2-0800-0008-TF
		1 x 1	1.000	2.000	0	R/LF123L100-16BM	1.000	1.000	6.000	1.028	1.000	5.2	3.96	N123L2-0800-0008-TF
		1 1/4 x 1 1/4	1.000	2.000	0	R/LF123L100-20BM	1.250	1.250	6.000	1.300	1.250	5.2	5.50	N123L2-0800-0008-TF
		1 1/4 x 1 1/4	1.380	2.400	0	R/LF123L138-20BM	1.250	1.250	7.000	1.300	1.250	5.5	5.50	N123L2-0800-0008-TF
		1 1/2 x 1 1/2	1.380	2.400	0	R/LF123L138-24BM	1.500	1.500	8.000	1.614	1.500	5.5	7.70	N123L2-0800-0008-TF
	M	1 1/4 x 1 1/4	1.260	2.516	0	R/LF123M125-20B	1.250	1.250	10.00	1.339	1.250	6.6	6.38	N123M1-1100-0008-GM
		1 1/2 x 1 1/2	1.260	2.516	0	R/LF123M125-24B	1.500	1.500	10.00	1.583	1.500	6.6	5.50	N123M1-1100-0008-GM
		1 1/2 x 1 1/2	2.000	2.516	0	R/LF123M200-24B	1.500	1.500	10.00	1.575	1.500	3.3	6.38	N123M1-1100-0008-GM
	R	1 1/4 x 1 1/4	1.260	2.807	0	R/LF123R125-20B	1.250	1.250	10.00	1.346	1.250	7.4	6.38	N123R1-1500-0010-GR
		1 1/2 x 1 1/2	1.260	2.807	0	R/LF123R125-24B	1.500	1.500	10.00	1.602	1.500	7.4	5.50	N123R1-1500-0010-GR
		1 1/2 x 1 1/2	2.000	2.807	0	R/LF123R200-24B	1.500	1.500	10.00	1.598	1.500	3.3	6.38	N123R1-1500-0010-GR

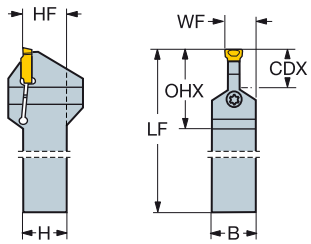
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

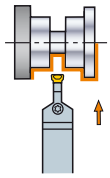
B6 I5 I1 F16 I38 I31

CoroCut® 1-2 shank tool for parting and grooving

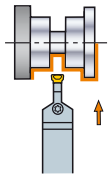
Screw clamp design



Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	M	40 x 40	32.0	63	0	**NF123M32-4040B**	40	40	250	25	40	9.0	2.5	N123M1-1100-0008-GM
	R	40 x 40	32.0	71	0	**NF123R32-4040B**	40	40	250	27	40	10.0	2.5	N123R1-1500-0010-GR

Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
	M	1 1/2 x 1 1/2	1.260	2.516	0	**NF123M125-24B**	1.500	1.500	10.00	.972	1.500	6.6	5.50	N123M1-1100-0008-GM
	R	1 1/2 x 1 1/2	1.260	2.807	0	**NF123R125-24B**	1.500	1.500	10.00	1.043	1.500	7.4	5.52	N123R1-1500-0010-GR

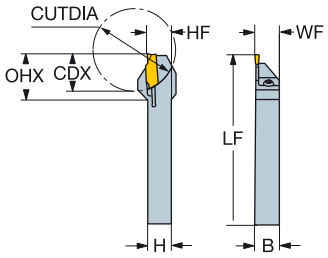
SSC = To correspond with SSC on insert.

N = Neutral

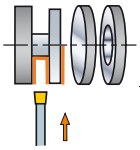
B6 I5 I1 F16 I38 I31

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design

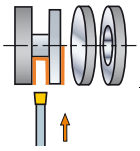


Metric version



SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
D	16 x 16	8.0	16	19	0	R/LF123D08-1616B-S	16	16	125	16	16	2.5	0.2	N123D2-0150-0002-CM
	10 x 10	10.0	20	21	0	R/LF123D10-1010B-S	10	10	125	10	10	2.5	0.6	N123D2-0150-0002-CM
	12 x 12	11.0	22	22	0	R/LF123D11-1212B-S	12	12	125	12	12	2.5	0.1	N123D2-0150-0002-CM
	16 x 16	17.0	34	28	0	R/LF123D17-1616B-S	16	16	125	16	16	2.5	0.2	N123D2-0150-0002-CM
E	10 x 10	10.0	20	21	0	R/LF123E10-1010B-S	10	10	125	10	10	2.5	0.1	N123E2-0200-0002-CM
	12 x 12	11.0	22	22	0	R/LF123E11-1212B-S	12	12	125	12	12	2.5	0.1	N123E2-0200-0002-CM
	16 x 16	11.0	22	22	0	R/LF123E11-1616B-S	16	16	125	16	16	2.5	0.2	N123E2-0200-0002-CM
	16 x 16	17.0	34	28	0	R/LF123E17-1616B-S	16	16	125	16	16	2.5	0.2	N123E2-0200-0002-CM
F	10 x 10	10.0	20	21	0	R/LF123F10-1010B-S	10	10	125	10	10	2.5	0.1	N123F2-0250-0002-CM
	12 x 12	15.0	30	20	0	R/LF123F15-1212B-S	12	12	125	12	12	2.5	0.2	N123F2-0250-0002-CM
	16 x 16	17.0	34	28	0	R/LF123F17-1616B-S	16	16	125	16	16	2.5	1.1	N123F2-0250-0002-CM
G	16 x 16	17.0	34	28	0	R/LF123G17-1616B-S	16	16	125	16	16	3.0	0.2	N123G2-0300-0003-TF

Inch version



SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
D	5/8 x 5/8	.320	.640	.777	0	R/LF123D032-10B-S	.625	.625	5.000	.625	.625	1.8	.51	N123D2-0150-0002-CM
	3/8 x 3/8	.390	.780	.847	0	R/LF123D039-06B-S	.375	.375	5.000	.375	.375	1.8	.24	N123D2-0150-0002-CM
	1/2 x 1/2	.430	.860	.887	0	R/LF123D043-08B-S	.500	.500	5.000	.500	.500	1.8	.31	N123D2-0150-0002-CM
	5/8 x 5/8	.670	1.340	1.127	0	R/LF123D067-10B-S	.625	.625	5.000	.625	.625	1.8	.51	N123D2-0150-0002-CM
E	3/8 x 3/8	.390	.780	.847	0	R/LF123E039-06B-S	.375	.375	5.000	.375	.375	1.8	.24	N123E2-0200-0002-CM
	1/2 x 1/2	.430	.860	.887	0	R/LF123E043-08B-S	.500	.500	5.000	.500	.500	1.8	.31	N123E2-0200-0002-CM
	5/8 x 5/8	.430	.860	.887	0	R/LF123E043-10B-S	.625	.625	5.000	.625	.625	1.8	.51	N123E2-0200-0002-CM
	5/8 x 5/8	.670	1.340	1.127	0	R/LF123E067-10B-S	.625	.625	5.000	.625	.625	1.8	.49	N123E2-0200-0002-CM
F	3/8 x 3/8	.390	.780	.847	0	R/LF123F039-06B-S	.375	.375	5.000	.375	.375	1.8	.24	N123F2-0250-0002-CM
	1/2 x 1/2	.590	1.180	1.047	0	R/LF123F059-08B-S	.500	.500	5.000	.500	.500	1.8	.37	N123F2-0250-0002-CM
	5/8 x 5/8	.670	1.340	1.127	0	R/LF123F067-10B-S	.625	.625	5.000	.625	.625	1.8	.51	N123F2-0250-0002-CM
G	5/8 x 5/8	.670	1.340	1.127	0	R/LF123G067-10B-S	.625	.625	5.000	.625	.625	2.2	.51	N123G2-0300-0003-TF

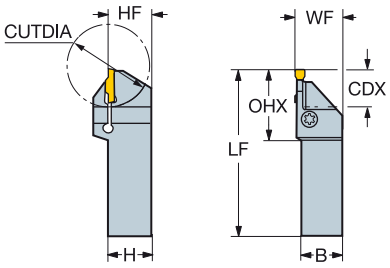
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

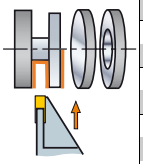
B6 I5 I1 F16 I38 I31

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design

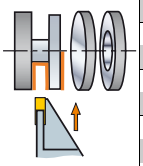


Metric version



SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
E	20 x 20	17.0	42	35	0	R/LF123E17-2020D	20	20	125	20	20	4.0	0.4	N123E2-0200-0002-CM
F	20 x 20	17.0	42	22	0	R/LF123F17-2020D	20	20	125	20	20	4.0	0.4	N123F2-0250-0002-CM
	25 x 25	17.0	42	22	0	R/LF123F17-2525D	25	25	150	25	25	4.0	0.4	N123F2-0250-0002-CM
G	20 x 20	22.0	44	43	0	R/LF123G22-2020D	20	20	125	20	20	5.0	0.4	N123G2-0300-0003-TF
	25 x 25	22.0	44	43	0	R/LF123G22-2525D	25	25	150	25	25	5.0	0.4	N123G2-0300-0003-TF
H	20 x 20	22.0	52	44	0	R/LF123H22-2020D	20	20	125	20	20	6.0	0.4	N123H2-0400-0004-TF
	25 x 25	22.0	52	44	0	R/LF123H22-2525D	25	25	150	25	25	6.0	0.4	N123H2-0400-0004-TF

Inch version



SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
E	3/4 x 3/4	.670	1.661	1.398	0	R/LF123E067-12D	.750	.750	5.000	.770	.750	3.0	.75	N123E2-0200-0002-CM
F	3/4 x 3/4	.670	1.661	1.457	0	R/LF123F067-12D	.750	.750	5.000	.770	.750	3.0	.75	N123F2-0250-0002-CM
	1 x 1	.670	1.661	1.457	0	R/LF123F067-16D	1.000	1.000	5.000	1.020	1.000	3.0	.88	N123F2-0250-0002-CM
G	3/4 x 3/4	.870	1.740	1.697	0	R/LF123G087-12D	.750	.750	5.000	.774	.750	3.7	.75	N123G2-0300-0003-TF
	1 x 1	.870	1.740	1.697	0	R/LF123G087-16D	1.000	1.000	5.000	1.024	1.000	3.7	.88	N123G2-0300-0003-TF
H	3/4 x 3/4	.870	2.066	1.736	0	R/LF123H087-12D	.750	.750	5.000	.774	.750	4.4	.75	N123H2-0400-0004-TF
	1 x 1	.870	2.066	1.736	0	R/LF123H087-16D	1.000	1.000	5.000	1.024	1.000	4.4	.88	N123H2-0400-0004-TF

SSC = To correspond with SSC on insert.

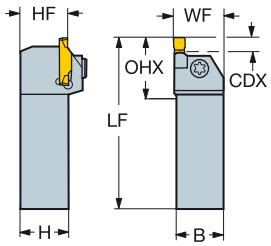
R = Right hand, L = Left hand

B6 I5 I1 F16 I38 I31

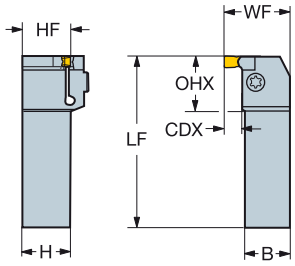
CoroCut® 1-2 shank tool for shallow grooving

Screw clamp design

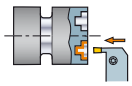
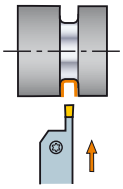
R/LF123..C



R/LG123..C



Metric version

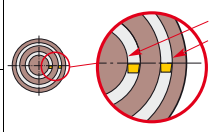
	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	G	16 x 16		39	23	0	R/LG123G07-1616C	16	16	125	25	16	3.5	0.3	N123G2-0300-0003-TF
		20 x 20		43	23	0	R/LG123G07-2020C	20	20	125	29	20	3.5	0.4	N123G2-0300-0003-TF
		25 x 25		48	23	0	R/LG123G07-2525C	25	25	150	34	25	3.5	0.7	N123G2-0300-0003-TF
	K	20 x 20	4.5	28		0	R/LG123K08-2020C	20	20	125	30	20	4.5	0.4	N123K2-0600-0004-TF
		25 x 25		54	29	0	R/LG123K08-2525CM	25	25	150	34	25	4.5	1.0	N123K2-0600-0004-TF
	G	16 x 16		43	27	0	R/LF123G07-1616C	16	16	125	21	16	3.5	0.3	N123G2-0300-0003-TF
		20 x 20		47	27	0	R/LF123G07-2020C	20	20	125	21	20	3.5	0.4	N123G2-0300-0003-TF
		25 x 25		52	27	0	R/LF123G07-2525C	25	25	150	26	25	3.5	0.7	N123G2-0300-0003-TF
	K	20 x 20		50	30	0	R/LF123K08-2020C	20	20	125	21	20	4.5	0.4	N123K2-0600-0004-TF
		25 x 25		55	30	0	R/LF123K08-2525CM	25	25	150	26	25	4.5	0.7	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.

Shallow grooving holder for face grooving

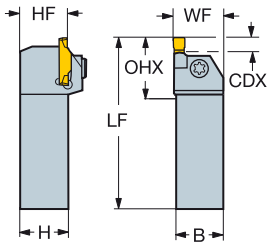
Holder seat size	Insert seat size	First cut diameter Min – Max mm	inch	Max cutting depth mm	inch	First cut diameters 123-GM, -TF, -CM, -RM, -TM
G	E	100 – ∞	3.937 – ∞	3.5	.138	
	F	83 – ∞	3.268 – ∞	3.5	.138	
	G	57 – ∞	2.244 – ∞	3.5	.138	
K	H	46 – ∞	1.811 – ∞	4.5	.177	
	J	46 – ∞	1.811 – ∞	4.5	.177	
	K	46 – ∞	1.811 – ∞	4.5	.177	

B6 I1 F16 I38 I31

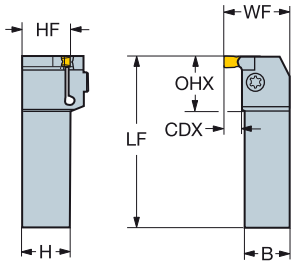
CoroCut® 1-2 shank tool for shallow grooving

Screw clamp design

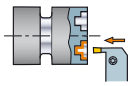
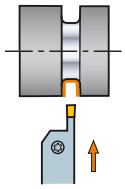
R/LF123..C (INCH)



R/LG123..C (INCH)



Inch version

	SSC	CZC_{MS}	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
	G	5/8 x 5/8	1.575	.925	0	R/LG123G028-10C	.625	.625	5.000	.984	.625	2.6	.66	N123G2-0300-0003-TF
		3/4 x 3/4	1.673	.925	0	R/LG123G028-12C	.750	.750	5.000	1.142	.750	2.6	.88	N123G2-0300-0003-TF
		1 x 1	1.929	.925	0	R/LG123G028-16C	1.000	1.000	6.000	1.339	1.000	2.6	.22	N123G2-0300-0003-TF
	K	3/4 x 3/4	1.496	1.142	0	R/LG123K032-12C	.750	.750	5.000	1.142	.750	2.4	.88	N123K2-0600-0004-TF
		1 x 1	2.126	1.142	0	R/LG123K032-16CM	1.000	1.000	6.000	1.339	1.000	2.4	3.12	N123K2-0600-0004-TF
	G	5/8 x 5/8	1.693	1.063	0	R/LF123G028-10C	.625	.625	5.000	.669	.625	3.0	.66	N123G2-0300-0003-TF
		3/4 x 3/4	1.811	1.063	0	R/LF123G028-12C	.750	.750	5.000	.787	.750	3.0	.88	N123G2-0300-0003-TF
		1 x 1	2.047	1.063	0	R/LF123G028-16C	1.000	1.000	6.000	1.024	1.000	3.0	2.07	N123G2-0300-0003-TF
	K	3/4 x 3/4	1.929	1.181	0	R/LF123K032-12C	.750	.750	5.000	.787	.750	4.1	.88	N123K2-0600-0004-TF
		1 x 1	2.165	1.181	0	R/LF123K032-16CM	1.000	1.000	6.000	1.024	1.000	4.1	3.12	N123K2-0600-0004-TF

SSC = To correspond with SSC on insert.

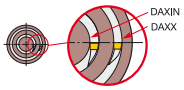
R = Right hand, L = Left hand

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.

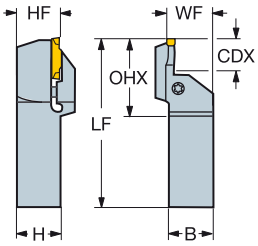
For first cut diameter information, see page B57

CoroCut® 1-2 shank tool for face grooving

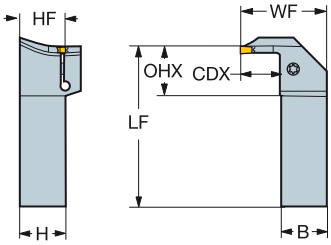
Screw clamp design



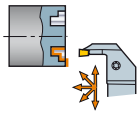
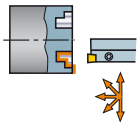
R/LF123..B..B



R/LG123..BM



Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	H	25 x 25	13.0	40	60	23	0	R/LG123H13-2525B-040BM	25	25	150	40	25	2.8	0.8	N123H2-0400-0004-TF
		25 x 25	13.0	52	72	23	0	R/LG123H13-2525B-052BM	25	25	150	40	25	4.3	0.9	N123H2-0400-0004-TF
		25 x 25	13.0	64	100	23	0	R/LG123H13-2525B-064BM	25	25	150	40	25	3.2	1.0	N123H2-0400-0004-TF
		25 x 25	13.0	92	140	23	0	R/LG123H13-2525B-092BM	25	25	150	40	25	3.7	1.0	N123H2-0400-0004-TF
		25 x 25	13.0	132	230	23	0	R/LG123H13-2525B-132BM	25	25	150	40	25	4.0	1.0	N123H2-0400-0004-TF
		25 x 25	13.0	220	500	23	0	R/LG123H13-2525B-220BM	25	25	150	40	25	4.3	1.0	N123H2-0400-0004-TF
		25 x 25	13.0	300	1100	23	0	R/LG123H13-2525B-300BM	25	25	150	40	25	4.3	1.0	N123H2-0400-0004-TF
		25 x 25	20.0	64	100	24	0	R/LG123H20-2525B-064BM	25	25	150	47	25	4.3	0.9	N123H2-0400-0004-TF
		25 x 25	20.0	92	140	24	0	R/LG123H20-2525B-092BM	25	25	150	47	25	5.0	0.9	N123H2-0400-0004-TF
		25 x 25	20.0	132	230	24	0	R/LG123H20-2525B-132BM	25	25	150	47	25	5.3	0.9	N123H2-0400-0004-TF
	K	25 x 25	20.0	58	100	27	0	R/LG123K20-2525B-058BM	25	25	150	47	25	4.1	0.9	N123K2-0600-0004-TF
		25 x 25	20.0	88	180	27	0	R/LG123K20-2525B-088BM	25	25	150	47	25	4.9	0.9	N123K2-0600-0004-TF
		25 x 25	20.0	168	400	27	0	R/LG123K20-2525B-168BM	25	25	150	47	25	5.3	0.9	N123K2-0600-0004-TF
	L	25 x 25	20.0	50	80	37	0	R/LG123L20-2525B-050BM	25	25	150	47	25	4.7	0.9	N123L2-0800-0008-TF
		25 x 25	20.0	75	150	37	0	R/LG123L20-2525B-075BM	25	25	150	47	25	5.4	0.9	N123L2-0800-0008-TF
		25 x 25	20.0	140	400	37	0	R/LG123L20-2525B-140BM	25	25	150	47	25	6.2	0.9	N123L2-0800-0008-TF
	G	20 x 20	12.0	34	44	32	0	R/LF123G12-2020B-034B	20	20	125	21	20	2.1	0.4	N123G2-0300-0003-TF
		20 x 20	12.0	38	48	32	0	R/LF123G12-2020B-038B	20	20	125	21	20	2.1	0.4	N123G2-0300-0003-TF
		25 x 25	12.0	34	44	32	0	R/LF123G12-2525B-034B	25	25	150	26	25	2.1	0.8	N123G2-0300-0003-TF
		25 x 25	12.0	38	48	32	0	R/LF123G12-2525B-038B	25	25	150	26	25	2.1	0.8	N123G2-0300-0003-TF
		20 x 20	13.0	42	60	33	0	R/LF123G13-2020B-042B	20	20	125	21	20	2.2	0.4	N123G2-0300-0003-TF
		20 x 20	13.0	54	75	33	0	R/LF123G13-2020B-054B	20	20	125	21	20	2.3	0.4	N123G2-0300-0003-TF
		20 x 20	13.0	67	100	33	0	R/LF123G13-2020B-067B	20	20	125	21	20	2.6	0.4	N123G2-0300-0003-TF
		20 x 20	13.0	90	160	33	0	R/LF123G13-2020B-090B	20	20	125	21	20	2.9	0.4	N123G2-0300-0003-TF
		20 x 20	13.0	130	300	33	0	R/LF123G13-2020B-130B	20	20	125	21	20	3.1	0.4	N123G2-0300-0003-TF
		25 x 25	19.0	42	60	40	0	R/LF123G19-2525B-042B	25	25	150	26	25	3.2	0.7	N123G2-0300-0003-TF
		25 x 25	19.0	54	75	40	0	R/LF123G19-2525B-054B	25	25	150	26	25	3.4	0.8	N123G2-0300-0003-TF
		25 x 25	22.0	67	100	43	0	R/LF123G22-2525B-067B	25	25	150	26	25	3.7	0.7	N123G2-0300-0003-TF
		25 x 25	22.0	90	160	43	0	R/LF123G22-2525B-090B	25	25	150	26	25	4.2	0.7	N123G2-0300-0003-TF
		25 x 25	22.0	130	300	43	0	R/LF123G22-2525B-130B	25	25	150	26	25	4.5	0.7	N123G2-0300-0003-TF

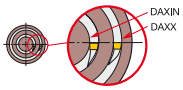
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

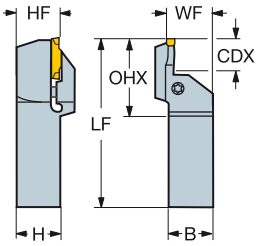
B6 I1 F16 I38 I31

CoroCut® 1-2 shank tool for face grooving

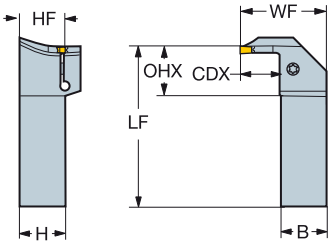
Screw clamp design



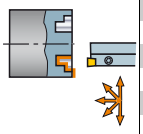
R/LF123..B..B



R/LG123..BM



Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	H	20 x 20	13.0	40	60	34	0	R/LF123H13-2020B-040BM	20	20	125	21	20	2.8	0.4	N123H2-0400-0004-TF
		20 x 20	13.0	52	72	34	0	R/LF123H13-2020B-052BM	20	20	125	21	20	3.0	0.4	N123H2-0400-0004-TF
		20 x 20	13.0	64	100	34	0	R/LF123H13-2020B-064BM	20	20	125	21	20	3.2	0.4	N123H2-0400-0004-TF
		20 x 20	13.0	92	140	34	0	R/LF123H13-2020B-092BM	20	20	125	21	20	3.7	0.4	N123H2-0400-0004-TF
		20 x 20	13.0	132	230	34	0	R/LF123H13-2020B-132BM	20	20	125	21	20	4.0	0.4	N123H2-0400-0004-TF
		20 x 20	13.0	220	500	34	0	R/LF123H13-2020B-220BM	20	20	125	21	20	4.3	0.4	N123H2-0400-0004-TF
		25 x 25	13.0	40	60	34	0	R/LF123H13-2525B-040BM	25	25	150	26	25	2.8	0.7	N123H2-0400-0004-TF
		25 x 25	13.0	52	72	34	0	R/LF123H13-2525B-052BM	25	25	150	26	25	3.0	0.7	N123H2-0400-0004-TF
		25 x 25	13.0	64	100	34	0	R/LF123H13-2525B-064BM	25	25	150	26	25	3.2	0.7	N123H2-0400-0004-TF
		25 x 25	13.0	92	140	34	0	R/LF123H13-2525B-092BM	25	25	150	26	25	3.7	0.6	N123H2-0400-0004-TF
		25 x 25	13.0	132	230	34	0	R/LF123H13-2525B-132BM	25	25	150	26	25	4.0	0.7	N123H2-0400-0004-TF
		25 x 25	13.0	220	500	34	0	R/LF123H13-2525B-220BM	25	25	150	26	25	4.3	0.7	N123H2-0400-0004-TF
		25 x 25	13.0	300	1100	34	0	R/LF123H13-2525B-300BM	25	25	150	26	25	4.3	0.7	N123H2-0400-0004-TF
		25 x 25	20.0	40	60	42	0	R/LF123H20-2525B-040BM	25	25	150	26	25	3.8	0.8	N123H2-0400-0004-TF
		25 x 25	20.0	52	72	42	0	R/LF123H20-2525B-052BM	25	25	150	26	25	4.0	0.8	N123H2-0400-0004-TF
		25 x 25	25.0	64	100	47	0	R/LF123H25-2525B-064BM	25	25	150	26	25	4.3	0.7	N123H2-0400-0004-TF
		25 x 25	25.0	92	140	47	0	R/LF123H25-2525B-092BM	25	25	150	26	25	5.0	0.6	N123H2-0400-0004-TF
		25 x 25	25.0	132	230	47	0	R/LF123H25-2525B-132BM	25	25	150	26	25	5.3	0.7	N123H2-0400-0004-TF
		25 x 25	25.0	220	500	47	0	R/LF123H25-2525B-220BM	25	25	150	26	25	5.7	0.7	N123H2-0400-0004-TF
		25 x 25	25.0	300	800	47	0	R/LF123H25-2525B-300BM	25	25	150	26	25	5.7	0.7	N123H2-0400-0004-TF
	J	25 x 25	13.0	40	70	34	0	R/LF123J13-2525B-040BM	25	25	150	26	25	2.8	0.7	N123J2-0500-0004-TF
		25 x 25	13.0	60	95	34	0	R/LF123J13-2525B-060BM	25	25	150	26	25	3.2	0.7	N123J2-0500-0004-TF
		25 x 25	13.0	85	130	34	0	R/LF123J13-2525B-085BM	25	25	150	26	25	3.6	0.7	N123J2-0500-0004-TF
		25 x 25	13.0	120	180	34	0	R/LF123J13-2525B-120BM	25	25	150	26	25	4.0	0.7	N123J2-0500-0004-TF
		25 x 25	13.0	175	500	34	0	R/LF123J13-2525B-175BM	25	25	150	26	25	4.0	0.7	N123J2-0500-0004-TF
		25 x 25	20.0	40	70	43	0	R/LF123J20-2525B-040BM	25	25	150	26	25	3.8	0.8	N123J2-0500-0004-TF
		25 x 25	20.0	180	980	43	0	R/LF123J20-2525B-180BM	25	25	150	26	25	4.3	0.8	N123J2-0500-0004-TF
		25 x 25	25.0	60	95	48	0	R/LF123J25-2525B-060BM	25	25	150	26	25	4.9	0.7	N123J2-0500-0004-TF
		25 x 25	25.0	85	130	48	0	R/LF123J25-2525B-085BM	25	25	150	26	25	5.3	0.7	N123J2-0500-0004-TF
		25 x 25	25.0	120	180	48	0	R/LF123J25-2525B-120BM	25	25	150	26	25	5.3	0.7	N123J2-0500-0004-TF
		25 x 25	25.0	175	500	48	0	R/LF123J25-2525B-175BM	25	25	150	26	25	5.3	0.7	N123J2-0500-0004-TF

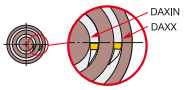
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

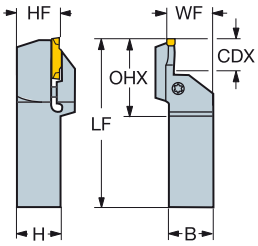
B6 I1 F16 I38 I31

CoroCut® 1-2 shank tool for face grooving

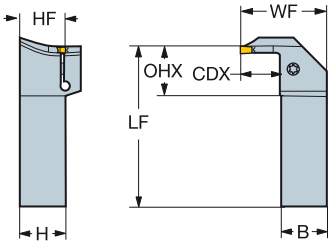
Screw clamp design



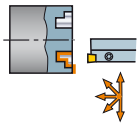
R/LF123..B..B



R/LG123..BM



Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	K	25 x 25	13.0	40	70	35	0	R/LF123K13-2525B-040BM	25	25	150	26	25	3.2	0.7	N123K2-0600-0004-TF
		25 x 25	13.0	58	100	35	0	R/LF123K13-2525B-058BM	25	25	150	26	25	3.5	0.7	N123K2-0600-0004-TF
		25 x 25	13.0	88	180	35	0	R/LF123K13-2525B-088BM	25	25	150	26	25	4.1	0.7	N123K2-0600-0004-TF
		25 x 25	13.0	168	400	35	0	R/LF123K13-2525B-168BM	25	25	150	26	25	4.5	0.7	N123K2-0600-0004-TF
		25 x 25	20.0	40	70	44	0	R/LF123K20-2525B-040BM	25	25	150	26	25	3.8	0.8	N123K2-0600-0004-TF
		25 x 25	25.0	58	100	49	0	R/LF123K25-2525B-058BM	25	25	150	26	25	4.1	0.6	N123K2-0600-0004-TF
		25 x 25	25.0	88	180	49	0	R/LF123K25-2525B-088BM	25	25	150	26	25	4.9	0.7	N123K2-0600-0004-TF
		25 x 25	25.0	168	400	49	0	R/LF123K25-2525B-168BM	25	25	150	26	25	5.3	0.7	N123K2-0600-0004-TF
		25 x 25	25.0	220	1000	49	0	R/LF123K25-2525B-220BM	25	25	150	26	25	5.7	0.7	N123K2-0600-0004-TF
		32 x 25	25.0	88	180	49	0	R/LF123K25-3225B-088BM	25	32	170	26	32	4.9	1.1	N123K2-0600-0004-TF
		32 x 25	25.0	168	400	49	0	R/LF123K25-3225B-168BM	25	32	170	26	32	5.3	1.1	N123K2-0600-0004-TF
		32 x 25	25.0	220	1000	49	0	R/LF123K25-3225B-220BM	25	32	170	26	32	5.7	1.1	N123K2-0600-0004-TF
	L	25 x 25	15.0	75	150	39	0	R/LF123L15-2525B-075BM	25	25	150	26	25	4.6	0.7	N123L2-0800-0008-TF
		25 x 25	15.0	140	400	39	0	R/LF123L15-2525B-140BM	25	25	150	26	25	5.3	0.7	N123L2-0800-0008-TF
		25 x 25	25.0	50	80	55	0	R/LF123L25-2525B-050BM	25	25	150	26	25	4.7	0.8	N123L2-0800-0008-TF
		25 x 25	28.0	75	150	56	0	R/LF123L28-2525B-075BM	25	25	150	26	25	5.8	0.6	N123L2-0800-0008-TF
		25 x 25	28.0	140	400	56	0	R/LF123L28-2525B-140BM	25	25	150	26	25	6.7	0.8	N123L2-0800-0008-TF
		32 x 25	28.0	75	150	56	0	R/LF123L28-3225B-075BM	25	32	170	26	32	5.8	1.1	N123L2-0800-0008-TF
		32 x 25	28.0	140	400	56	0	R/LF123L28-3225B-140BM	25	32	170	26	32	6.7	1.1	N123L2-0800-0008-TF

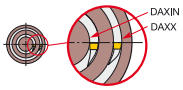
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

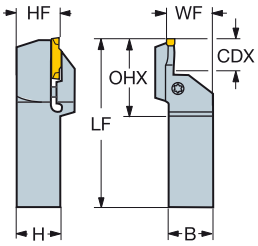
B6 I1 F16 I38 I31

CoroCut® 1-2 shank tool for face grooving

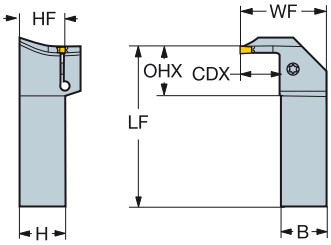
Screw clamp design



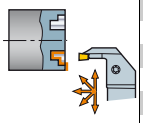
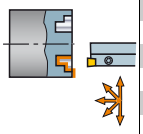
R/LF123..B..B (INCH)



R/LG123..BM (INCH)



Inch version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
	H	1 x 1	.500	1.574	2.362	.941	0	R/LG123H050-16B-040BM	1.000	1.000	6.000	1.575	1.000	2.1	5.61	N123H2-0400-0004-TF
		1 x 1	.500	2.047	2.835	.941	0	R/LG123H050-16B-052BM	1.000	1.000	6.000	1.575	1.000	2.2	5.61	N123H2-0400-0004-TF
		1 x 1	.500	2.519	3.937	.941	0	R/LG123H050-16B-064BM	1.000	1.000	6.000	1.575	1.000	2.3	5.61	N123H2-0400-0004-TF
		1 x 1	.500	3.622	5.512	.941	0	R/LG123H050-16B-092BM	1.000	1.000	6.000	1.575	1.000	2.7	5.56	N123H2-0400-0004-TF
		1 x 1	.500	5.196	9.055	.941	0	R/LG123H050-16B-132BM	1.000	1.000	6.000	1.575	1.000	2.9	5.48	N123H2-0400-0004-TF
		1 x 1	.500	8.661	19.685	.941	0	R/LG123H050-16B-220BM	1.000	1.000	6.000	1.575	1.000	3.1	5.48	N123H2-0400-0004-TF
		1 x 1	.500	11.811	43.307	.941	0	R/LG123H050-16B-300BM	1.000	1.000	6.000	1.575	1.000	3.1	5.48	N123H2-0400-0004-TF
		1 x 1	.790	2.519	3.937	.981	0	R/LG123H079-16B-064BM	1.000	1.000	6.000	1.850	1.000	2.6	5.72	N123H2-0400-0004-TF
		1 x 1	.790	3.622	5.512	.981	0	R/LG123H079-16B-092BM	1.000	1.000	6.000	1.850	1.000	2.6	5.72	N123H2-0400-0004-TF
		1 x 1	.790	5.196	9.055	.981	0	R/LG123H079-16B-132BM	1.000	1.000	6.000	1.850	1.000	2.6	5.72	N123H2-0400-0004-TF
	K	1 x 1	.790	2.283	3.937	1.082	0	R/LG123K079-16B-058BM	1.000	1.000	6.000	1.850	1.000	3.3	5.72	N123K2-0600-0004-TF
		1 x 1	.790	3.464	7.087	1.082	0	R/LG123K079-16B-088BM	1.000	1.000	6.000	1.850	1.000	3.3	5.72	N123K2-0600-0004-TF
		1 x 1	.790	6.614	15.748	1.082	0	R/LG123K079-16B-168BM	1.000	1.000	6.000	1.850	1.000	3.3	5.72	N123K2-0600-0004-TF
	L	1 x 1	.790	1.968	3.150	1.473	0	R/LG123L079-16B-050BM	1.000	1.000	6.000	1.850	1.000	3.7	5.72	N123L2-0800-0008-TF
		1 x 1	.790	2.952	5.906	1.473	0	R/LG123L079-16B-075BM	1.000	1.000	6.000	1.850	1.000	3.7	5.72	N123L2-0800-0008-TF
		1 x 1	.790	5.511	15.748	1.473	0	R/LG123L079-16B-140BM	1.000	1.000	6.000	1.850	1.000	3.7	5.72	N123L2-0800-0008-TF
	G	3/4 x 3/4	.470	1.338	1.732	1.260	0	R/LF123G047-12B-034B	.750	.750	5.000	.827	.750	1.5	.88	N123G2-0300-0003-TF
		3/4 x 3/4	.470	1.496	1.890	1.260	0	R/LF123G047-12B-038B	.750	.750	5.000	.827	.750	1.5	.88	N123G2-0300-0003-TF
		1 x 1	.470	1.338	1.575	1.257	0	R/LF123G047-16B-034B	1.000	1.000	6.000	1.039	1.000	3.0	1.59	N123G2-0300-0003-TF
		3/4 x 3/4	.500	1.653	2.362	1.287	0	R/LF123G050-12B-042B	.750	.750	5.000	.827	.750	1.6	.88	N123G2-0300-0003-TF
		3/4 x 3/4	.500	2.125	2.953	1.287	0	R/LF123G050-12B-054B	.750	.750	5.000	.827	.750	1.7	.88	N123G2-0300-0003-TF
		3/4 x 3/4	.500	2.637	3.937	1.287	0	R/LF123G050-12B-067B	.750	.750	5.000	.827	.750	1.9	.88	N123G2-0300-0003-TF
		3/4 x 3/4	.500	3.543	6.299	1.287	0	R/LF123G050-12B-090B	.750	.750	5.000	.827	.750	2.1	.88	N123G2-0300-0003-TF
		3/4 x 3/4	.500	5.118	11.811	1.287	0	R/LF123G050-12B-130B	.750	.750	5.000	.827	.750	2.3	.88	N123G2-0300-0003-TF
		1 x 1	.750	1.653	2.362	1.577	0	R/LF123G075-16B-042B	1.000	1.000	6.000	1.039	1.000	3.0	2.02	N123G2-0300-0003-TF
		1 x 1	.750	2.125	2.953	1.577	0	R/LF123G075-16B-054B	1.000	1.000	6.000	1.039	1.000	3.0	1.61	N123G2-0300-0003-TF
		1 x 1	.750	2.637	3.937	1.577	0	R/LF123G075-16B-067B	1.000	1.000	6.000	1.039	1.000	3.0	1.61	N123G2-0300-0003-TF
		1 x 1	.870	3.543	6.299	1.697	0	R/LF123G087-16B-090B	1.000	1.000	6.000	1.039	1.000	3.0	1.44	N123G2-0300-0003-TF
		1 x 1	.870	5.118	11.811	1.697	0	R/LF123G087-16B-130B	1.000	1.000	6.000	1.039	1.000	3.0	1.50	N123G2-0300-0003-TF

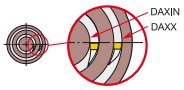
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

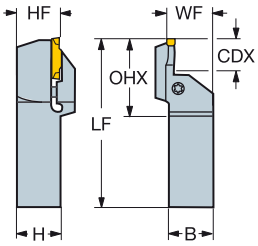
B6 I1 F16 I38 I31

CoroCut® 1-2 shank tool for face grooving

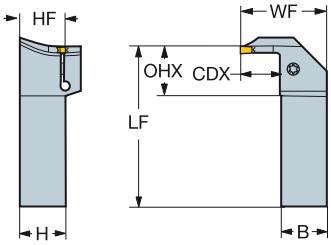
Screw clamp design



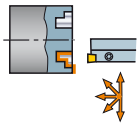
R/LF123..B..B (INCH)



R/LG123..BM (INCH)



Inch version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
	H	1 x 1	.500	1.574	2.362	1.327	0	R/LF123H050-16B-040BM	1.000	1.000	6.000	1.024	1.000	2.1	5.04	N123H2-0400-0004-TF
		1 x 1	.500	2.047	2.835	1.327	0	R/LF123H050-16B-052BM	1.000	1.000	6.000	1.024	1.000	2.2	5.04	N123H2-0400-0004-TF
		1 x 1	.500	2.519	3.937	1.327	0	R/LF123H050-16B-064BM	1.000	1.000	6.000	1.024	1.000	2.3	4.29	N123H2-0400-0004-TF
		1 x 1	.500	3.622	5.512	1.327	0	R/LF123H050-16B-092BM	1.000	1.000	6.000	1.024	1.000	2.7	4.29	N123H2-0400-0004-TF
		1 x 1	.500	5.196	9.055	1.327	0	R/LF123H050-16B-132BM	1.000	1.000	6.000	1.024	1.000	2.9	4.29	N123H2-0400-0004-TF
		1 x 1	.500	8.661	19.685	1.327	0	R/LF123H050-16B-220BM	1.000	1.000	6.000	1.024	1.000	3.1	4.29	N123H2-0400-0004-TF
		1 x 1	.500	11.811	43.307	1.327	0	R/LF123H050-16B-300BM	1.000	1.000	6.000	1.024	1.000	3.1	4.29	N123H2-0400-0004-TF
		1 x 1	.790	1.574	2.362	1.656	0	R/LF123H079-16B-040BM	1.000	1.000	6.000	1.039	1.000	3.0	5.50	N123H2-0400-0004-TF
		1 x 1	.790	2.047	2.835	1.656	0	R/LF123H079-16B-052BM	1.000	1.000	6.000	1.039	1.000	3.0	5.50	N123H2-0400-0004-TF
		1 x 1	1.000	2.519	3.937	1.888	0	R/LF123H100-16B-064BM	1.000	1.000	6.000	1.039	1.000	3.0	3.96	N123H2-0400-0004-TF
		1 x 1	1.000	3.622	5.512	1.888	0	R/LF123H100-16B-092BM	1.000	1.000	6.000	1.039	1.000	3.0	3.96	N123H2-0400-0004-TF
		1 x 1	1.000	5.196	9.055	1.888	0	R/LF123H100-16B-132BM	1.000	1.000	6.000	1.039	1.000	3.0	3.89	N123H2-0400-0004-TF
		1 x 1	1.000	8.661	19.685	1.888	0	R/LF123H100-16B-220BM	1.000	1.000	6.000	1.039	1.000	3.0	3.89	N123H2-0400-0004-TF
		1 x 1	1.000	11.811	31.496	1.888	0	R/LF123H100-16B-300BM	1.000	1.000	6.000	1.039	1.000	3.0	3.89	N123H2-0400-0004-TF
	J	1 x 1	.500	1.574	2.756	1.327	0	R/LF123J050-16B-040BM	1.000	1.000	6.000	1.024	1.000	2.1	1.54	N123J2-0500-0004-TF
		1 x 1	.500	2.362	3.740	1.327	0	R/LF123J050-16B-060BM	1.000	1.000	6.000	1.024	1.000	2.4	1.54	N123J2-0500-0004-TF
		1 x 1	.500	3.346	5.118	1.327	0	R/LF123J050-16B-085BM	1.000	1.000	6.000	1.024	1.000	2.7	1.54	N123J2-0500-0004-TF
		1 x 1	.500	4.724	7.087	1.327	0	R/LF123J050-16B-120BM	1.000	1.000	6.000	1.024	1.000	3.0	1.54	N123J2-0500-0004-TF
		1 x 1	.500	6.889	19.685	1.327	0	R/LF123J050-16B-175BM	1.000	1.000	6.000	1.024	1.000	3.0	1.54	N123J2-0500-0004-TF
		1 x 1	.790	1.574	2.756	1.696	0	R/LF123J079-16B-040BM	1.000	1.000	6.000	1.039	1.000	3.3	3.87	N123J2-0500-0004-TF
		1 x 1	.790	7.086	38.583	1.696	0	R/LF123J079-16B-180BM	1.000	1.000	6.000	1.039	1.000	3.3	3.88	N123J2-0500-0004-TF
		1 x 1	1.000	2.362	3.740	1.906	0	R/LF123J100-16B-060BM	1.000	1.000	6.000	1.039	1.000	3.3	3.88	N123J2-0500-0004-TF
		1 x 1	1.000	3.346	5.118	1.906	0	R/LF123J100-16B-085BM	1.000	1.000	6.000	1.039	1.000	3.3	3.89	N123J2-0500-0004-TF
		1 x 1	1.000	4.724	7.087	1.906	0	R/LF123J100-16B-120BM	1.000	1.000	6.000	1.039	1.000	3.3	3.87	N123J2-0500-0004-TF
		1 x 1	1.000	6.889	19.685	1.906	0	R/LF123J100-16B-175BM	1.000	1.000	6.000	1.039	1.000	3.3	3.87	N123J2-0500-0004-TF
	K	1 x 1	.500	1.574	2.756	1.366	0	R/LF123K050-16B-040BM	1.000	1.000	6.000	1.024	1.000	2.4	1.54	N123K2-0600-0004-TF
		1 x 1	.500	2.283	3.937	1.366	0	R/LF123K050-16B-058BM	1.000	1.000	6.000	1.024	1.000	2.6	1.54	N123K2-0600-0004-TF
		1 x 1	.500	3.464	7.087	1.366	0	R/LF123K050-16B-088BM	1.000	1.000	6.000	1.024	1.000	3.0	1.54	N123K2-0600-0004-TF
		1 x 1	.500	6.614	15.748	1.366	0	R/LF123K050-16B-168BM	1.000	1.000	6.000	1.024	1.000	3.3	1.54	N123K2-0600-0004-TF
		1 x 1	.500	8.661	38.583	1.366	0	R/LF123K050-16B-220BM	1.000	1.000	6.000	1.024	1.000	3.5	1.54	N123K2-0600-0004-TF
		1 x 1	.790	1.574	2.756	1.735	0	R/LF123K079-16B-040BM	1.000	1.000	6.000	1.039	1.000	3.7	5.50	N123K2-0600-0004-TF
		1 x 1	1.000	2.283	3.400	1.945	0	R/LF123K100-16B-058BM	1.000	1.000	6.000	1.039	1.000	3.7	5.50	N123K2-0600-0004-TF
		1 x 1	1.000	3.464	7.087	1.945	0	R/LF123K100-16B-088BM	1.000	1.000	6.000	1.039	1.000	3.7	3.89	N123K2-0600-0004-TF
		1 x 1	1.000	6.614	15.748	1.945	0	R/LF123K100-16B-168BM	1.000	1.000	6.000	1.039	1.000	3.7	3.89	N123K2-0600-0004-TF
		1 x 1	1.000	8.661	39.370	1.945	0	R/LF123K100-16B-220BM	1.000	1.000	6.000	1.039	1.000	3.7	3.89	N123K2-0600-0004-TF
	L	1 x 1	1.102	2.952	5.906	2.205	0	R/LF123L110-16B-075BM	1.000	1.000	6.000	1.024	1.000	4.2	.44	N123L2-0800-0008-TF
		1 x 1	1.102	5.511	15.748	2.205	0	R/LF123L110-16B-140BM	1.000	1.000	6.000	1.024	1.000	4.2	.44	N123L2-0800-0008-TF
		1 1/4 x 1	1.100	2.952	5.906	2.205	0	R/LF123L110-20B-075BM	1.250	1.250	6.000	1.299	1.250	4.2	2.64	N123L2-0800-0008-TF
		1 1/4 x 1	1.100	5.511	15.748	2.205	0	R/LF123L110-20B-140BM	1.250	1.250	6.000	1.299	1.250	4.9	2.64	N123L2-0800-0008-TF
	G	1 x 1	.470	1.496	1.890	1.257	0	RF123G047-16B-038B	1.000	1.000	6.000	1.039	1.000	3.0	1.70	N123G2-0300-0003-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand


B6

I1

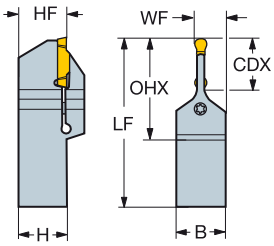

F16

I38

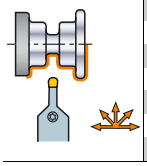
I31

CoroCut® 1-2 shank tool for profiling

Screw clamp design



Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	J	25 x 25	25.0	52	0	**NF123J25-2525BM**	25	25	150	15	25	6.0	0.7	N123J2-0500-0004-TF
		32 x 25	25.0	52	0	**NF123J25-3225BM**	25	32	170	15	32	6.0	0.9	N123J2-0500-0004-TF

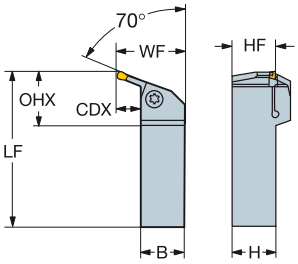
SSC = To correspond with SSC on insert.

N - Neutral

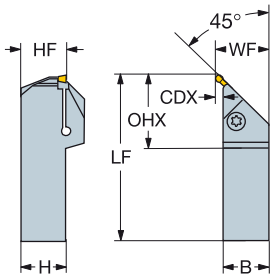
CoroCut® 1-2 shank tool for profiling

Screw clamp design

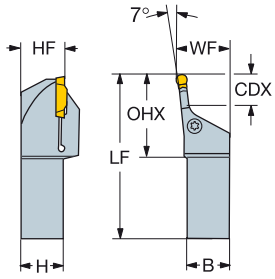
R/LX123..B-070



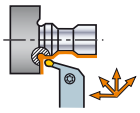
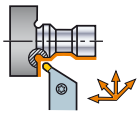
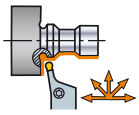
R/LX123..B-045



R/LX123..B-007



Metric version

	SSC	CZC_{MS}	CDX	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	LPR	Nm	Kg	MIID
	J	25 x 25	16	40	R/LX123J16-2525B-070	25	25	190	41	25	190	5.0	1.80	N123J2-0500-0004-TF
		32 x 32	16	40	R/LX123J16-3232B-070	32	32	190	48	32	190	5.0	1.42	N123J2-0500-0004-TF
	G	20 x 20	4	41	R/LX123G04-2020B-045	20	20	150	24	20	150	4.5	0.55	N123G2-0400- RM
		25 x 25	4	41	R/LX123G04-2525B-045	25	25	150	29	25	150	4.5	0.78	N123G2-0400- RM
	J	20 x 20	5	44	R/LX123J05-2020B-045	20	20	150	25	20	150	5.0	0.54	N123J2-0500-0004-TF
		25 x 25	5	44	R/LX123J05-2525B-045	25	25	150	30	25	150	5.0	0.78	N123J2-0500-0004-TF
		32 x 25	5	44	R/LX123J05-3225B-045	25	32	150	30	32	150	5.0	0.96	N123J2-0500-0004-TF
	L	25 x 25	25	63	R/LX123L25-2525B-007	25	25	190	32	25	190	6.5	0.90	N123L2-0800- RM
		32 x 32	25	63	R/LX123L25-3232B-007	32	32	190	40	32	190	6.5	1.00	N123L2-0800- RM

SSC = To correspond with SSC on insert.

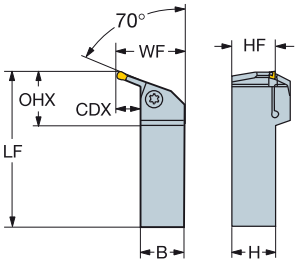
R = Right hand, L = Right hand

B6 I5 I1 F16 I38 I31

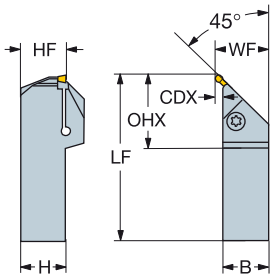
CoroCut® 1-2 shank tool for profiling

Screw clamp design

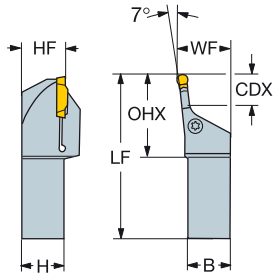
R/LX123..B-070 (INCH



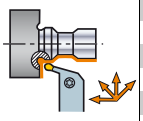
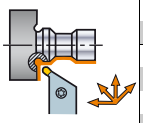
R/LX123..B-045 (INCH



R/LX123..B-007 (INCH



Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
	J	1 x 1	.630	1.575	0	R/LX123J062-16B-070	1.000	1.000	7.480	1.669	1.000	3.7	2.20	N123J2-0500-0004-TF
		1 1/4 x 1 1/4	.630	1.575	0	R/LX123J062-20B-070	1.250	1.250	7.480	1.917	1.250	3.7	2.20	N123J2-0500-0004-TF
	G	3/4 x 3/4	.157	1.701	0	R/LX123G016-12B-045	.750	.750	5.906	.921	.750	3.3	2.20	N123G2-0400- RM
		1 x 1	.157	1.701	0	R/LX123G016-16B-045	1.000	1.000	5.906	1.173	1.000	3.3	2.20	N123G2-0400- RM
	J	3/4 x 3/4	.197	1.902	0	R/LX123J020-12B-045	.750	.750	5.906	.961	.750	3.7	2.20	N123J2-0500-0004-TF
		1 x 1	.197	1.902	0	R/LX123J020-16B-045	1.000	1.000	6.693	1.213	1.000	3.7	2.20	N123J2-0500-0004-TF
		1 1/4 x 1 1/4	.197	1.902	0	R/LX123J020-20B-045	1.250	1.250	6.693	1.461	1.250	3.7	2.20	N123J2-0500-0004-TF
	L	1 x 1	.945	2.500	0	RX123L095-16B-007	1.000	1.000	7.480	1.252	1.000	3.5	28.60	N123L2-0800- RM

SSC = To correspond with SSC on insert.

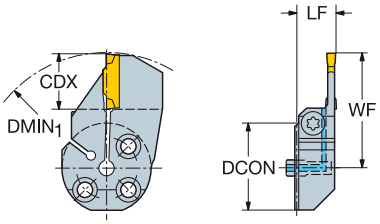
R = Right hand, L = Left hand

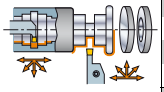
B6 I5 I1 F16 I38 I31

CoroCut® 1-2 head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
	D	25	12.0	145.0	13.3	1	570-25R/L123D12B	25	14.0	30.9	0.0	10	2.0	0.1	N123D2-0150-0002-CM
			.472	*5.709*	*.522*			*.984*	*.551*	*1.215*	*.000*	*145*			
		32	12.0	145.0	13.3	1	570-32R/L123D12B	32	14.0	34.4	0.0	10	2.0	0.1	N123D2-0150-0002-CM
			.472	*5.709*	*.522*			*1.260*	*.551*	*1.352*	*.000*	*145*			
	E	25	15.0	139.0	13.0	1	570-25R/L123E15B	25	14.0	33.9	0.0	10	2.0	0.1	N123E2-0200- GM
			.591	*5.472*	*.512*			*.984*	*.551*	*1.333*	*.000*	*145*			
		32	15.0	139.0	13.0	1	570-32R/L123E15B	32	14.0	37.4	0.0	10	2.0	0.1	N123E2-0200- GM
			.591	*5.472*	*.512*			*1.260*	*.551*	*1.470*	*.000*	*145*			
	F	25	15.0	143.0	12.8	1	570-25R/L123F15B	25	14.0	33.9	0.0	10	2.0	0.1	N123F2-0250- GM
			.591	*5.630*	*.502*			*.984*	*.551*	*1.333*	*.000*	*145*			
		32	15.0	139.0	12.8	1	570-32R/L123F15B	32	14.0	37.4	0.0	10	2.0	0.1	N123F2-0250- GM
			.591	*5.472*	*.502*			*1.260*	*.551*	*1.470*	*.000*	*145*			
	G	25	18.0	147.0	12.5	1	570-25R/L123G18B	25	14.0	37.6	0.0	10	3.0	0.1	N123G2-0300- GM
			.709	*5.787*	*.492*			*.984*	*.551*	*1.480*	*.000*	*145*			
		32	18.0	147.0	12.5	1	570-32R/L123G18B	32	14.0	41.1	0.0	10	3.0	0.1	N123G2-0300- GM
			.709	*5.787*	*.492*			*1.260*	*.551*	*1.618*	*.000*	*145*			
		40	18.0	147.0	12.5	1	570-40R/L123G18B	40	14.0	45.1	0.0	10	3.0	0.2	N123G2-0300- GM
			.709	*5.787*	*.492*			*1.575*	*.551*	*1.776*	*.000*	*145*			
	H	32	23.0	95.0	16.0	1	570-32R/L123H23B	32	18.0	46.1	0.0	10	3.0	0.2	N123H2-0400- GM
			.906	*3.740*	*.630*			*1.260*	*.709*	*1.815*	*.000*	*145*			
		40	23.0	95.0	16.0	1	570-40R/L123H23B	40	18.0	50.1	0.0	10	3.0	0.2	N123H2-0400- GM
			.906	*3.740*	*.630*			*1.575*	*.709*	*1.972*	*.000*	*145*			
	J	32	18.0	95.0	15.5	1	570-32R/L123J18B	32	18.0	41.1	0.0	10	4.0	0.1	N123J2-0500- GM
			.709	*3.740*	*.610*			*1.260*	*.709*	*1.618*	*.000*	*145*			
		40	18.0	95.0	15.5	1	570-40R/L123J18B	40	18.0	45.1	0.0	10	3.0	0.2	N123J2-0500- GM
			.709	*3.740*	*.610*			*1.575*	*.709*	*1.776*	*.000*	*145*			
	K	40	18.0	95.0	15.0	1	570-40R/L123K18B	40	18.0	45.1	0.0	10	4.0	0.2	N123K2-0600-GM
			.709	*3.740*	*.591*			*1.575*	*.709*	*1.776*	*.000*	*145*			

SSC = To correspond with SSC on insert.

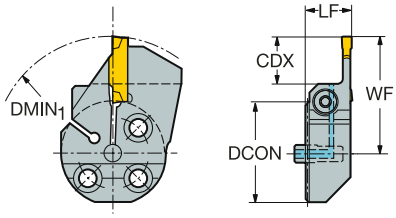
R = Right hand, L = Left hand

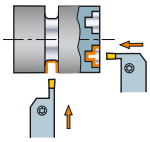
B6 I1 G1 I38

CoroCut® 1-2 head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





SSC	CZC$_{MS}$	CDX	DMIN$_1$	OHX	CNSC	Ordering code	DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
							Dimensions, mm, inch							
G	25	13	147.0	12.5	1	570-25R/L123G13C	25	14.0	32.6	0.0	10	3.0	0.1	N123G2-0300-0003-TF
		0.512	*5.787*	*.492*			*.984*	*.551*	*1.283*	*.000*	*145*			
	32	13	147.0	12.5	1	570-32R/L123G13C	32	14.0	36.1	0.0	10	2.5	0.1	N123G2-0300-0003-TF
		0.512	*5.787*	*.492*			*1.260*	*.551*	*1.421*	*.000*	*145*			
	40	12	147.0	12.5	1	570-40R/L123G12C	40	14.0	39.1	0.0	10	2.0	0.2	N123G2-0300-0003-TF
		0.472	*5.787*	*.492*			*1.575*	*.551*	*1.539*	*.000*	*145*			
J	32	18	88.0	15.5	1	570-32R/L123J18C	32	18.0	41.1	0.0	10	3.0	0.1	N123J2-0500-0002-CM
		.709	*3.465*	*.610*			*1.260*	*.551*	*1.618*	*.000*	*145*			
K	40	17	92.0	15.0	1	570-40R/L123K17C	40	18.0	44.1	0.0	10	2.5	0.2	N123K2-0600-0004-TF
		.669	*3.622*	*.591*			*1.575*	*.709*	*1.736*	*.000*	*145*			

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 J or K can take inserts with SSC H, J and K.

For first cut diameter information, see page B57


B6


I1

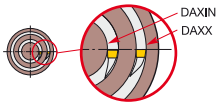
G1

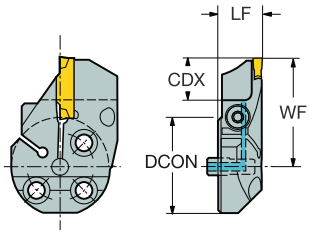

I38

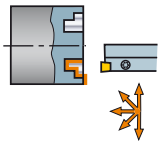
CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
			Dimensions, mm, inch													
	F	32	12.0	40	56.0	12.8	1	570-32R/L123F12B040A	32	14.0	34.4	0.1	10	2.0	0.7	N123F2-0250-0002-CM
			.472	1.574	2.205	.502			1.260	.551	1.354	.004	145			
		32	12.0	54	70.0	12.8	1	570-32R/L123F12B054A	32	14.0	34.4	0.1	10	2.0	0.7	N123F2-0250-0002-CM
			.472	2.125	2.756	.502			1.260	.551	1.354	.004	145			
		32	15.0	68	98.0	12.8	1	570-32R/L123F15B068A	32	14.0	37.4	0.1	10	2.0	0.7	N123F2-0250-0002-CM
			.591	2.677	3.858	.502			1.260	.551	1.472	.004	145			
		32	15.0	90	140.0	12.8	1	570-32R/L123F15B090A	32	14.0	37.4	0.1	10	2.0	0.7	N123F2-0250-0002-CM
			.591	3.543	5.512	.502			1.260	.551	1.472	.004	145			
		32	15.0	130	300.0	12.8	1	570-32R/L123F15B130A	32	14.0	37.4	0.1	10	2.0	0.1	N123F2-0250-0002-CM
			.591	5.118	11.811	.502			1.260	.551	1.472	.004	145			
	G	32	12.0	34	44.0	16.5	1	570-32R/L123G12B034A	32	18.0	35.1	0.1	10	2.5	0.7	N123G2-0300-0003-TF
			.472	1.338	1.732	.650			1.260	.709	1.382	.004	145			
		32	15.0	42	60.0	12.5	1	570-32R/L123G15B042A	32	14.0	38.1	0.1	10	3.0	0.7	N123G2-0300-0003-TF
			.591	1.653	2.362	.492			1.260	.551	1.500	.004	145			
		32	15.0	54	75.0	12.5	1	570-32R/L123G15B054A	32	14.0	38.1	0.1	10	3.0	0.7	N123G2-0300-0003-TF
			.591	2.125	2.953	.492			1.260	.551	1.500	.004	145			
		32	18.0	67	100.0	12.5	1	570-32R/L123G18B067A	32	14.0	41.1	0.1	10	3.0	0.7	N123G2-0300-0003-TF
			.709	2.637	3.937	.492			1.260	.551	1.618	.004	145			
		32	18.0	90	160.0	12.5	1	570-32R/L123G18B090A	32	14.0	41.1	0.1	10	3.0	0.7	N123G2-0300-0003-TF
			.709	3.543	6.299	.492			1.260	.551	1.618	.004	145			
		32	18.0	130	300.0	12.5	1	570-32R/L123G18B130A	32	14.0	41.1	0.1	10	3.0	0.7	N123G2-0300-0003-TF
			.709	5.118	11.811	.492			1.260	.551	1.618	.004	145			
		32	18.0	300	1000.0	14.0	1	570-32R/L123G18B300A	32	14.0	41.1	0.1	10	3.0	0.2	N123G2-0300-0003-TF
			.709	11.811	39.370	.551			1.260	.551	1.618	.004	145			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand


B6

I1

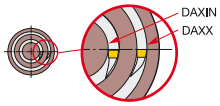

G1

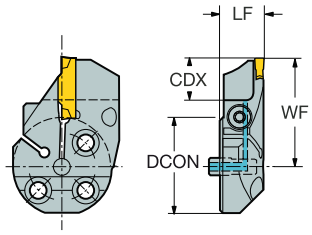
I38

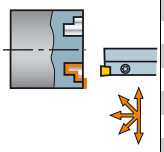
CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
	H	32	18.0	40	60.0	16.0	1	570-32R/L123H18B040A	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	*1.574*	*2.362*	*.630*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	52	72.0	16.0	1	570-32R/L123H18B052A	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	*2.047*	*2.835*	*.630*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	64	100.0	16.0	1	570-32R/L123H18B064A	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	*2.519*	*3.937*	*.630*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	92	140.0	16.0	1	570-32R/L123H18B092A	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	*3.622*	*5.512*	*.630*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	132	230.0	16.0	1	570-32R/L123H18B132A	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	*5.196*	*9.055*	*.630*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	220	500.0	16.0	1	570-32R/L123H18B220A	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	*8.661*	*19.685*	*.630*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	300	800.0	16.0	1	570-32R/L123H18B300A	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	*11.811*	*31.496*	*.630*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		40	18.0	40	60.0	18.0	1	570-40R/L123H18B040A	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	*1.574*	*2.362*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	52	72.0	18.0	1	570-40R/L123H18B052A	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	*2.047*	*2.835*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	64	100.0	18.0	1	570-40R/L123H18B064A	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	*2.519*	*3.937*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	92	140.0	18.0	1	570-40R/L123H18B092A	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	*3.622*	*5.512*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	132	230.0	18.0	1	570-40R/L123H18B132A	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	*5.196*	*9.055*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	220	500.0	18.0	1	570-40R/L123H18B220A	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	*8.661*	*19.685*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	300	800.0	18.0	1	570-40R/L123H18B300A	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	*11.811*	*31.496*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
	J	40	18.0	40	70.0	18.0	1	570-40R/L123J18B040A	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*1.574*	*2.756*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	60	95.0	18.0	1	570-40R/L123J18B060A	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*2.362*	*3.740*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	85	130.0	18.0	1	570-40R/L123J18B085A	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*3.346*	*5.118*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	120	180.0	18.0	1	570-40R/L123J18B120A	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*4.724*	*7.087*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	175	500.0	18.0	1	570-40R/L123J18B175A	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*6.889*	*19.685*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	180	980.0	18.0	1	570-40R/L123J18B180A	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*7.086*	*38.583*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand


B6

I1

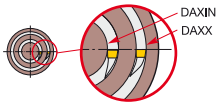

G1

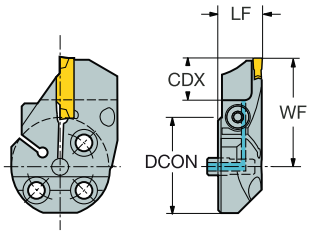
I38

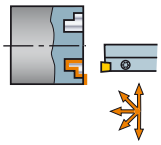
CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
	K	40	18.0	40	70.0	18.0	1	570-40R/L123K18B040A	40	18.0	45.1	0.1	10	4.0	0.3	N123K2-0600-0004-TF
			.709	*1.574*	*2.756*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	58	100.0	18.0	1	570-40R/L123K18B058A	40	18.0	45.1	0.1	10	4.0	0.3	N123K2-0600-0004-TF
			.709	*2.283*	*3.937*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	88	180.0	18.0	1	570-40R/L123K18B088A	40	18.0	45.1	0.1	10	4.0	0.3	N123K2-0600-0004-TF
			.709	*3.464*	*7.087*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	168	400.0	18.0	1	570-40R/L123K18B168A	40	18.0	45.1	0.1	10	4.0	0.3	N123K2-0600-0004-TF
			.709	*6.614*	*15.748*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	220	1000.0	18.0	1	570-40R/L123K18B220A	40	18.0	45.1	0.1	10	4.0	0.3	N123K2-0600-0004-TF
			.709	*8.661*	*39.370*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			

SSC = To correspond with SSC on insert.

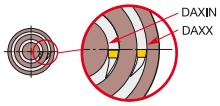
R = Right hand, L = Left hand

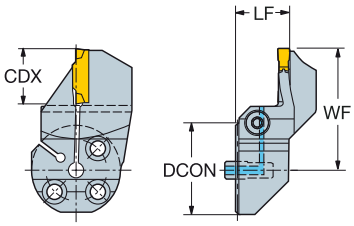
B6 I1 G1 I38

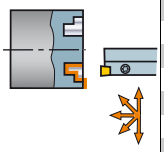
CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
			Dimensions, mm, inch													
	F	32	12.0	40	56.0	12.8	1	570-32R/L123F12B040B	32	14.0	34.4	0.1	10	2.0	0.2	N123F2-0250-0002-CM
			.472	1.574	2.205	.502			1.260	.551	1.354	.004	145			
		32	12.0	54	70.0	12.8	1	570-32R/L123F12B054B	32	14.0	34.4	0.1	10	2.0	0.1	N123F2-0250-0002-CM
			.472	2.125	2.756	.502			1.260	.551	1.354	.004	145			
		32	15.0	68	98.0	12.8	1	570-32R/L123F15B068B	32	14.0	37.4	0.1	10	2.0	0.1	N123F2-0250-0002-CM
			.591	2.677	3.858	.502			1.260	.551	1.472	.004	145			
		32	15.0	90	140.0	12.8	1	570-32R/L123F15B090B	32	14.0	37.4	0.1	10	2.0	0.1	N123F2-0250-0002-CM
			.591	3.543	5.512	.502			1.260	.551	1.472	.004	145			
		32	15.0	130	300.0	12.8	1	570-32R/L123F15B130B	32	14.0	37.4	0.1	10	2.0	0.1	N123F2-0250-0002-CM
			.591	5.118	11.811	.502			1.260	.551	1.472	.004	145			
	G	32	12.0	34	44.0	16.5	1	570-32R/L123G12B034B	32	18.0	35.1	0.1	10	2.5	0.1	N123G2-0300-0003-TF
			.472	1.338	1.732	.650			1.260	.709	1.382	.004	145			
		32	15.0	42	60.0	12.5	1	570-32R/L123G15B042B	32	14.0	38.1	0.1	10	3.0	0.7	N123G2-0300-0003-TF
			.591	1.653	2.362	.492			1.260	.551	1.500	.004	145			
		32	15.0	54	75.0	12.5	1	570-32R/L123G15B054B	32	14.0	38.1	0.1	10	3.0	0.7	N123G2-0300-0003-TF
			.591	2.125	2.953	.492			1.260	.551	1.500	.004	145			
		32	18.0	67	100.0	12.5	1	570-32R/L123G18B067B	32	14.0	41.1	0.1	10	3.0	0.7	N123G2-0300-0003-TF
			.709	2.637	3.937	.492			1.260	.551	1.618	.004	145			
		32	18.0	90	160.0	12.5	1	570-32R/L123G18B090B	32	14.0	41.1	0.1	10	3.0	0.7	N123G2-0300-0003-TF
			.709	3.543	6.299	.492			1.260	.551	1.618	.004	145			
		32	18.0	130	300.0	12.5	1	570-32R/L123G18B130B	32	14.0	41.1	0.1	10	3.0	0.1	N123G2-0300-0003-TF
			.709	5.118	11.811	.492			1.260	.551	1.618	.004	145			
		32	18.0	300	1000.0	14.0	1	570-32R/L123G18B300B	32	14.0	41.1	0.1	10	3.0	0.2	N123G2-0300-0003-TF
			.709	11.811	39.370	.551			1.260	.551	1.618	.004	145			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand


B6

ISO 13399 I1


G1

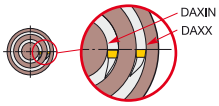
CNSC CXSC I38

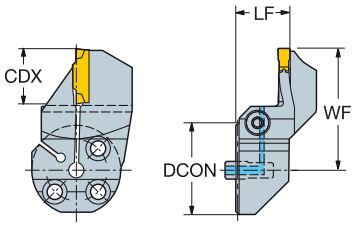
SANDVIK Coromant

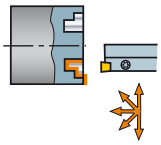
CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
	H	32	18.0	40	60.0	16.0	1	570-32R/L123H18B040B	32	18.0	41.1	0.1	10	3.0	0.1	N123H2-0400-0004-TF
			.709	1.574	2.362	.630			1.260	.709	1.618	.004	145			
		32	18.0	52	72.0	16.0	1	570-32R/L123H18B052B	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	2.047	2.835	.630			1.260	.709	1.618	.004	145			
		32	18.0	64	100.0	16.0	1	570-32R/L123H18B064B	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	2.519	3.937	.630			1.260	.709	1.618	.004	145			
		32	18.0	92	140.0	16.0	1	570-32R/L123H18B092B	32	18.0	41.1	0.1	10	3.0	0.1	N123H2-0400-0004-TF
			.709	3.622	5.512	.630			1.260	.709	1.618	.004	145			
		32	18.0	132	230.0	16.0	1	570-32R/L123H18B132B	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	5.196	9.055	.630			1.260	.709	1.618	.004	145			
		32	18.0	220	500.0	16.0	1	570-32R/L123H18B220B	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	8.661	19.685	.630			1.260	.709	1.618	.004	145			
		32	18.0	300	800.0	16.0	1	570-32R/L123H18B300B	32	18.0	41.1	0.1	10	3.0	0.7	N123H2-0400-0004-TF
			.709	11.811	31.496	.630			1.260	.709	1.618	.004	145			
		40	18.0	40	60.0	18.0	1	570-40R/L123H18B040B	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	1.574	2.362	.709			1.575	.709	1.776	.004	145			
		40	18.0	52	72.0	18.0	1	570-40R/L123H18B052B	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	2.047	2.835	.709			1.575	.709	1.776	.004	145			
		40	18.0	64	100.0	18.0	1	570-40R/L123H18B064B	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	2.519	3.937	.709			1.575	.709	1.776	.004	145			
		40	18.0	92	140.0	18.0	1	570-40R/L123H18B092B	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	3.622	5.512	.709			1.575	.709	1.776	.004	145			
		40	18.0	132	230.0	18.0	1	570-40R/L123H18B132B	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	5.196	9.055	.709			1.575	.709	1.776	.004	145			
		40	18.0	220	500.0	18.0	1	570-40R/L123H18B220B	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	8.661	19.685	.709			1.575	.709	1.776	.004	145			
		40	18.0	300	800.0	18.0	1	570-40R/L123H18B300B	40	18.0	45.1	0.1	10	3.0	0.3	N123H2-0400-0004-TF
			.709	11.811	31.496	.709			1.575	.709	1.776	.004	145			

SSC = To correspond with SSC on insert.

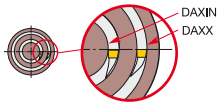
R = Right hand, L = Left hand

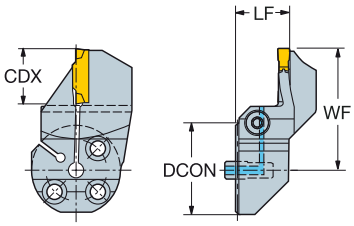
B6 I1 G1 I38

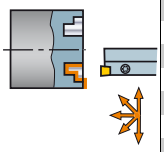
CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
	J	32	18.0	40	70.0	15.5	1	570-32R123J18B040B	32	18.0	41.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*1.574*	*2.756*	*.610*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	60	95.0	15.5	1	570-32R123J18B060B	32	18.0	41.1	0.1	10	3.5	0.7	N123J2-0500-0004-TF
			.709	*2.362*	*3.740*	*.610*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	85	130.0	15.5	1	570-32R123J18B085B	32	18.0	41.1	0.1	10	3.5	0.7	N123J2-0500-0004-TF
			.709	*3.346*	*5.118*	*.610*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	120	180.0	15.5	1	570-32R123J18B120B	32	18.0	41.1	0.1	10	3.5	0.7	N123J2-0500-0004-TF
			.709	*4.724*	*7.087*	*.610*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	175	500.0	15.5	1	570-32R123J18B175B	32	18.0	41.1	0.1	10	3.5	0.7	N123J2-0500-0004-TF
			.709	*6.889*	*19.685*	*.610*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	180	980.0	15.5	1	570-32R123J18B180B	32	18.0	41.1	0.1	10	3.5	0.2	N123J2-0500-0004-TF
			.709	*7.086*	*38.583*	*.610*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		40	18.0	40	70.0	18.0	1	570-40L123J18B040B	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*1.574*	*2.756*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	60	95.0	18.0	1	570-40L123J18B060B	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*2.362*	*3.740*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	85	130.0	18.0	1	570-40L123J18B085B	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*3.346*	*5.118*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	120	180.0	18.0	1	570-40L123J18B120B	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*4.724*	*7.087*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	175	500.0	18.0	1	570-40L123J18B175B	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*6.889*	*19.685*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	180	980.0	18.0	1	570-40L123J18B180B	40	18.0	45.1	0.1	10	3.5	0.3	N123J2-0500-0004-TF
			.709	*7.086*	*38.583*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
	K	32	18.0	40	70.0	15.0	1	570-32R123K18B040B	32	18.0	41.1	0.1	10	4.0	0.2	N123K2-0600-0004-TF
			.709	*1.574*	*2.756*	*.591*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	58	100.0	15.0	1	570-32R123K18B058B	32	18.0	41.1	0.1	10	4.0	0.2	N123K2-0600-0004-TF
			.709	*2.283*	*3.937*	*.591*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	88	180.0	15.0	1	570-32R123K18B088B	32	18.0	41.1	0.1	10	4.0	0.1	N123K2-0600-0004-TF
			.709	*3.464*	*7.087*	*.591*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	168	400.0	15.0	1	570-32R123K18B168B	32	18.0	41.1	0.1	10	4.0	0.2	N123K2-0600-0004-TF
			.709	*6.614*	*15.748*	*.591*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		32	18.0	220	1000.0	15.0	1	570-32R123K18B220B	32	18.0	41.1	0.1	10	4.0	0.1	N123K2-0600-0004-TF
			.709	*8.661*	*39.370*	*.591*			*1.260*	*.709*	*1.618*	*.004*	*145*			
		40	18.0	40	70.0	18.0	1	570-40L123K18B040B	40	18.0	45.1	0.1	10	4.0	0.3	N123K2-0600-0004-TF
			.709	*1.574*	*2.756*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	58	100.0	18.0	1	570-40L123K18B058B	40	18.0	45.1	0.1	10	4.0	0.3	N123K2-0600-0004-TF
			.709	*2.283*	*3.937*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	88	180.0	18.0	1	570-40L123K18B088B	40	18.0	45.1	0.1	10	4.0	0.3	N123K2-0600-0004-TF
			.709	*3.464*	*7.087*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	168	400.0	18.0	1	570-40L123K18B168B	40	18.0	45.1	0.1	10	4.0	0.3	N123K2-0600-0004-TF
			.709	*6.614*	*15.748*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			
		40	18.0	220	1000.0	18.0	1	570-40L123K18B220B	40	18.0	45.1	0.1	10	4.0	0.3	N123K2-0600-0004-TF
			.709	*8.661*	*39.370*	*.709*			*1.575*	*.709*	*1.776*	*.004*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand


B6

ISO 13399 I1

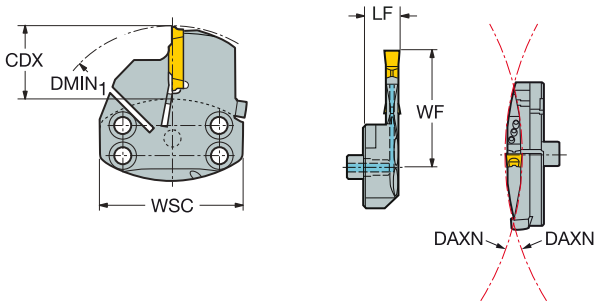

G1

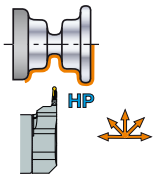
CNSC CXSC I38

CoroCut® 1-2 head for profiling

Screw clamp design

CoroTurn® SL - High precision coolant supply





SSC	CZC_{MS}	CDX_1	CDX_2	$DMIN_1$	DAXN	OHX	CNSC	Ordering code	LF	WF	WSC	CP Bar/PSI	Nm	Kg	MIID
									Dimensions, mm, inch						
G	70	15.0	15.0	100.0	800.0	14.0	1	**SL70-R/L123G15A-HP**	15.5	48.0	70.0	80	4.0	0.23	N123G2-0300- GM
		.591	*.591*	*3.937*	*31.496*	*.551*			*.610*	*1.890*	*2.756*	*1160*			
H	70	30.0	30.0	100.0	800.0	14.0	1	**SL70-R/L123H30A-HP**	16.0	56.0	70.0	80	4.5	0.25	N123H2-0400- GM
		1.181	*1.181*	*3.937*	*31.496*	*.551*			*.630*	*2.205*	*2.756*	*1160*			
J	70	15.0	15.0	120.0	320.0	15.0	1	**SL70-R/L123K15A-HP**	18.0	36.0	70.0	80	2.0	0.25	N123J2-0600-RO
		.591	*.591*	*4.724*	*12.598*	*.591*			*.709*	*1.417*	*2.756*	*1160*			
K	70	45.0	45.0	120.0	320.0	15.0	1	**SL70-R/L123K45A-HP**	18.0	71.0	70.0	80	6.0	0.30	N123K2-0600-GM
		1.772	*1.772*	*4.724*	*12.598*	*.591*			*.709*	*2.795*	*2.756*	*1160*			
L	70	50.0	50.0	105.0	340.0	14.0	1	**SL70-R/L123L50A-HP**	18.0	81.0	70.0	80	6.5	0.34	N123L2-0800-RO
		1.969	*1.969*	*4.134*	*13.386*	*.551*			*.709*	*3.189*	*2.756*	*1160*			
M	70	50.0	50.0	100.0	450.0	12.0	1	**SL70-R/L123M50A-HP**	17.5	71.0	70.0	80	5.0	0.35	N123M1-1100-0008-GM
		1.969	*1.969*	*3.937*	*17.717*	*.472*			*.689*	*2.795*	*2.756*	*1160*			
R	70	65.0	65.0	125.0	500.0	9.0	1	**SL70-R/L123R65A-HP**	16.5	71.0	70.0	80	6.5	0.34	N123R1-1500-0010-GR
		2.559	*2.559*	*4.921*	*19.685*	*.354*			*.650*	*2.795*	*2.756*	*1160*			
K	70	30.0	30.0	120.0	320.0	14.0	1	**SL70-R/L123K30A-HP-M**	17.0	55.0	70.0	80	4.5	0.27	N123K2-0600-GM
		1.181	*1.181*	*4.724*	*12.598*	*.551*			*.669*	*2.165*	*2.756*	*1160*			
L	70	35.0	35.0	90.0	270.0	14.0	1	**SL70-R/L123L35A-HP-M**	18.0	61.0	70.0	80	6.5	0.28	N123L2-0800-RO
		1.378	*1.378*	*3.543*	*10.630*	*.551*			*.709*	*2.402*	*2.756*	*1160*			

SSC = To correspond with SSC on insert.

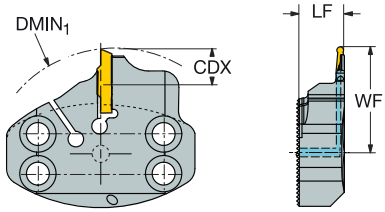
R = Right hand, L = Left hand

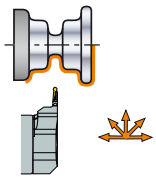
B6 I1 G1 I38

CoroCut® 1-2 head for profiling

Screw clamp design

CoroTurn® SL - High precision coolant supply



	SSC	CZC$_{MS}$	CDX	DMIN$_1$	OHX	CNSC	Ordering code	Dimensions, mm, inch BD	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
	HL	70	11.0	100.0	16.5	1	**SL70-R123H05LC-HP**	70.0	17.5	38.4	0.0	80	3.1	0.3	L123H1-0200
			.433	*3.937*	*.650*			*2.756*	*.689*	*1.512*	*.000*	*1160*			
	HN	70	11.0	100.0	15.9	1	**SL70-R123H05NC-HP**	70.0	17.5	38.4	0.0	80	3.1	0.3	N123H1-0200
			.433	*3.937*	*.626*			*2.756*	*.689*	*1.512*	*.000*	*1160*			
	HR	70	11.0	100.0	16.5	1	**SL70-L123H05RC-HP**	70.0	17.5	38.4	0.0	80	3.1	0.3	R123H1-0200
			.433	*3.937*	*.650*			*2.756*	*.689*	*1.512*	*.000*	*1160*			

SSC = To correspond with SSC on insert.

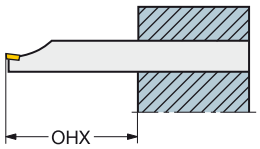
N = Neutral, R = Right hand, L = Left hand

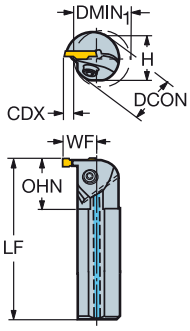
B6 I1 G1 I38

CoroCut® 1-2 boring bar for grooving

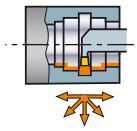
Screw clamp design

Cylindrical with flats - Internal coolant supply

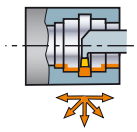




Metric version

	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	BD	LF	WF	HF	CP Bar	Nm	Kg	MIID
	E	32	9.5	40	128	45	1	R/LAG123E09-32B	32	30	32	250	25	0	10	4.0	1.4	N123E2-0200- GM
	G	32	9.0	40	128	45	1	R/LAG123G09-32B	32	30	32	250	25	0	10	4.5	1.4	N123G2-0300- GM
		40	11.0	50	160	55	1	R/LAG123G11-40B	40	37	40	300	31	0	10	4.5	2.5	N123G2-0300- GM
	H	32	10.0	40	128	45	1	R/LAG123H10-32B	32	30	32	250	26	0	10	4.5	1.4	N123H2-0400- GM
		40	11.0	50	160	55	1	R/LAG123H11-40B	40	37	40	300	31	0	10	5.0	2.6	N123H2-0400- GM
		50	13.0	60	200	65	1	R/LAG123H13-50B	50	47	50	350	38	0	10	5.0	5.0	N123H2-0400- GM
	J	32	11.0	40	128	45	1	R/LAG123J11-32B	32	30	32	250	27	0	10	5.0	1.4	N123J2-0500- GM
		40	11.0	50	160	55	1	R/LAG123J11-40B	40	37	40	300	31	0	10	5.5	2.7	N123J2-0500- GM
		50	13.0	60	200	65	1	R/LAG123J13-50B	50	47	50	350	38	0	10	5.5	5.0	N123J2-0500- GM
	K	40	11.0	50	160	55	1	R/LAG123K11-40B	40	37	40	300	31	0	10	5.5	2.6	N123K2-0600-GM
		50	13.0	60	200	65	1	R/LAG123K13-50B	50	47	50	350	38	0	10	5.5	5.0	N123K2-0600-GM

Inch version

	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	Dimensions, inch DCON	H	BD	LF	WF	HF	CP PSI	Ft/lbs	Lbs	MIID
	E	1 1/4	.374	1.575	5.000	1.772	1	R/LAG123E035-20B	1.250	1.181	1.250	9.843	1.014	.000	145	3.0	3.08	N123E2-0200- GM
	G	1 1/4	.354	1.575	5.000	1.772	1	R/LAG123G037-20B	1.250	1.181	1.250	9.843	.994	.000	145	3.3	3.08	N123G2-0300- GM
		1 1/2	.433	1.969	6.000	2.165	1	R/LAG123G043-24B	1.500	1.457	1.500	11.811	1.220	.000	145	3.3	5.26	N123G2-0300- GM
	H	1 1/4	.394	1.575	5.000	1.772	1	R/LAG123H039-20B	1.250	1.181	1.250	9.843	1.043	.000	145	3.3	3.08	N123H2-0400- GM
		1 1/2	.433	1.969	6.000	2.165	1	R/LAG123H043-24B	1.500	1.457	1.500	11.811	1.220	.000	145	3.7	5.50	N123H2-0400- GM
		2	.512	2.362	8.000	2.559	1	R/LAG123H051-32B	2.000	1.850	2.000	13.780	1.506	.000	145	3.7	11.18	N123H2-0400- GM
	J	1 1/4	.433	1.575	5.000	1.772	1	R/LAG123J045-20B	1.250	1.181	1.250	9.843	1.063	.000	145	3.7	3.08	N123J2-0500- GM
		1 1/2	.433	1.969	6.000	2.165	1	R/LAG123J045-24B	1.500	1.457	1.500	11.811	1.220	.000	145	4.1	5.50	N123J2-0500- GM
		2	.512	2.362	8.000	2.559	1	R/LAG123J051-32B	2.000	1.850	2.000	13.780	1.506	.000	145	4.1	11.18	N123J2-0500- GM
	K	1 1/2	.433	1.969	6.000	2.165	1	R/LAG123K043-24B	1.500	1.457	1.500	11.811	1.220	.000	145	4.1	5.50	N123K2-0600-GM
		2	.512	2.362	8.000	2.559	1	R/LAG123K053-32B	2.000	1.850	2.000	13.780	1.506	.000	145	4.1	11.15	N123K2-0600-GM

SSC = To correspond with SSC on insert.

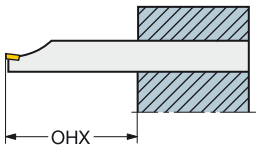
R = Right hand, L = Left hand

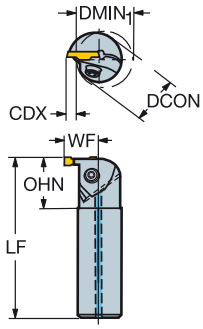
B6 I1 F16 I38

CoroCut® 1-2 boring bar for grooving

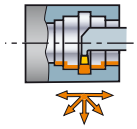
Screw clamp design

Cylindrical with EasyFix position support - Internal coolant supply



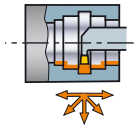


Metric version



SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	DCON	BD	LF	WF	HF	CP Bar	Nm	Kg	MIID
								Dimensions, mm								
D	16	4.5	25	64	25	1	R/LAG123D04-16B	16	16	150	12	0	10	3.0	0.2	N123D2-0150-0002-CM
	20	5.0	32	80	30	1	R/LAG123D05-20B	20	20	180	15	0	10	3.0	0.4	N123D2-0150-0002-CM
E	20	5.0	32	80	30	1	R/LAG123E05-20B	20	20	180	15	0	10	3.5	0.4	N123E2-0200- GM
	25	7.0	32	100	35	1	R/LAG123E07-25B	25	25	200	19	0	10	3.5	0.7	N123E2-0200- GM
G	20	6.0	32	80	30	1	R/LAG123G06-20B	20	20	180	15	0	10	4.0	0.4	N123G2-0300- GM
	25	7.0	32	100	35	1	R/LAG123G07-25B	25	25	200	19	0	10	4.0	0.7	N123G2-0300- GM
H	25	7.0	32	100	35	1	R/LAG123H07-25B	25	25	200	19	0	10	4.5	0.7	N123H2-0400- GM
J	25	8.0	32	100	35	1	R/LAG123J08-25B	25	25	200	19	0	10	5.0	0.7	N123J2-0500- GM

Inch version



SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	Ordering code	DCON	BD	LF	WF	HF	CP PSI	Ft/lbs	Lbs	MIID
								Dimensions, inch								
D	5/8	.177	.984	2.500	.984	1	R/LAG123D016-10B	.625	.625	5.906	.489	.000	145	2.2	.48	N123D2-0150-0002-CM
	3/4	.197	1.260	3.000	1.181	1	R/LAG123D020-12B	.750	.750	7.087	.592	.000	145	2.2	.78	N123D2-0150-0002-CM
E	3/4	.197	1.260	3.000	1.181	1	R/LAG123E020-12B	.750	.750	7.087	.592	.000	145	2.6	.78	N123E2-0200- GM
	1	.276	1.260	4.000	1.378	1	R/LAG123E028-16B	1.000	.630	7.874	.785	.000	145	2.6	1.63	N123E2-0200- GM
G	3/4	.236	1.260	3.000	1.181	1	R/LAG123G024-12B	.750	.750	7.087	.600	.000	145	3.0	.78	N123G2-0300- GM
	1	.276	1.260	4.000	1.378	1	R/LAG123G030-16B	1.000	.630	7.874	.778	.000	145	3.0	1.46	N123G2-0300- GM
H	1	.276	1.260	4.000	1.378	1	R/LAG123H030-16B	1.000	.630	7.874	.758	.000	145	3.3	1.63	N123H2-0400- GM
J	1	.315	1.260	4.000	1.378	1	R/LAG123J031-16B	1.000	.630	7.874	.778	.000	145	3.7	1.63	N123J2-0500- GM

SSC = To correspond with SSC on insert.

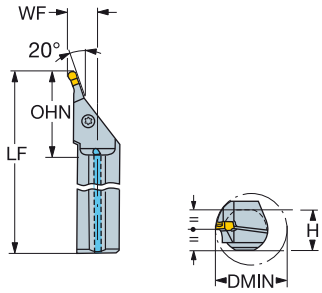
R = Right hand, L = Left hand

B6 I1 F16 I38

CoroCut® 1-2 boring bar for profiling

Screw clamp design

Cylindrical with flats



Metric version

SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	DCON	H	LF	WF	HF	LPR	CP Bar	Nm	Kg	MIID
						Dimensions, mm									
J	40	25.0	160	65	**R/LAX123J25-40B-020**	40	37	254	26	18	254	10	3.0	2.5	N123J2-0600- AM
L	40	25.0	160	65	**R/LAX123L25-40B-020**	40	37	254	26	18	254	10	3.0	1.8	N123L2-0800- AM

Inch version

SSC	CZC_{MS}	CDX	OHX	OHN	Ordering code	DCON	H	LF	WF	HF	CP PSI	Ft/lbs	Lbs	MIID
						Dimensions, inch								
J	1 1/2	.941	6.000	2.539	**R/LAX123J094-24B-020**	1.500	1.374	10.00	.961	.687	145	2.2	3.96	N123J2-0600- AM
L	1 1/2	.941	6.000	2.571	**R/LAX123L094-24B-020**	1.500	1.374	10.00	1.000	.687	145	2.2	3.96	N123L2-0800- AM

SSC = To correspond with SSC on insert.

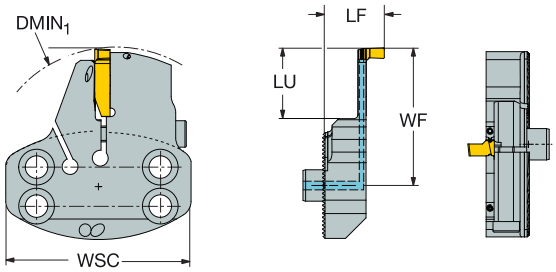
R = Right hand, L = Left hand

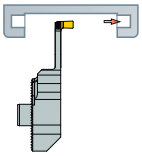
B6 I1 F16 I38

CoroCut® 1-2 head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



	SSC	CZC_{MS}	$DMIN_1$	OHX	LU	CNSC	Ordering code	Dimensions, mm, inch BD	LF	WF	HF	WSC	CP Bar/PSI	Nm	Kg	MIID
	H	70	105.0	22.9	25	1	**SL70-R/LG123H06C**	70.0	22.9	52.0	0.0	70	30	8.0	0.3	RG123H1-0300-RO
			4.134	*.902*	*.984*			*2.756*	*.902*	*2.047*	*.000*	*2.755*	*435*			
	L	70	150.0	27.7	31	1	**SL70-R/LG123L09C**	70.0	27.7	61.0	0.0	70	30	8.5	0.3	RG123L1-0300-RO
			5.906	*1.091*	*1.220*			*2.756*	*1.091*	*2.402*	*.000*	*2.755*	*435*			

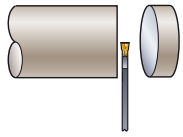
SSC = To correspond with SSC on insert.

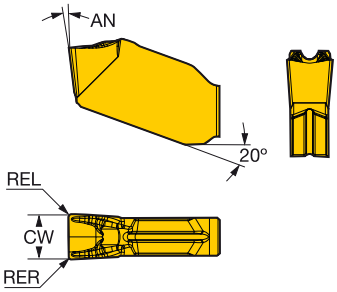
R = Right hand, L = Left hand

Note: Left hand inserts used in right hand holders, right hand inserts used in left hand holders.

B6 I1 G1 I38

CoroCut® QD insert for parting





	SSC	CW	REL	RER	Ordering code	P 1125	P 1135	P 1145	M 1105	M 1125	M 1135	M 1145	K 1125	K 1135	N 1105	S 1105	S 1125	S 1145	Dimensions, mm, inch AN
	E	2.00	0.15	0.15	QD-NE-0200-0001-CF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.079	*.005*	*.005*															
	F	2.50	0.15	0.15	QD-NF-0250-0001-CF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.098	*.005*	*.005*															
	G	3.00	0.15	0.15	QD-NG-0300-0001-CF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.118	*.005*	*.005*															

SSC = To correspond with SSC on holder.

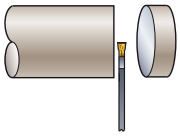
N = Neutral

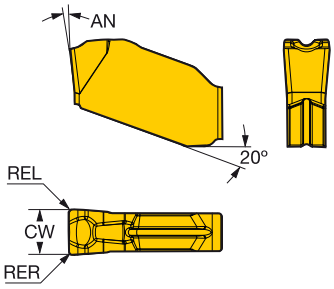
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-N..-CF	-0.05	0.05	-.0020	.0020	-0.05	0.05	-.0020	.0020

B90 B174 B182 I1 I26

CoroCut® QD insert for parting





SSC	CW	REL	RER	Ordering code	P 1125	P 1135	P 1145	M 1125	M 1135	M 1145	K 1125	K 1135	S 1125	S 1145	Dimensions, mm, inch AN
E	2.00	0.30	0.30	QD-NE-0200-0003-CL	☆	☆		☆	☆		☆	☆	☆		7°
	.079	*.011*	*.011*												
F	2.50	0.30	0.30	QD-NF-0250-0003-CL	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.098	*.011*	*.011*												
G	3.00	0.30	0.30	QD-NG-0300-0003-CL	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.118	*.011*	*.011*												
H	4.00	0.30	0.30	QD-NH-0400-0003-CL	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.157	*.011*	*.011*												
J	5.00	0.40	0.40	QD-NJ-0500-0004-CL	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.197	*.015*	*.015*												
K	6.00	0.40	0.40	QD-NK-0600-0004-CL	☆	☆	☆	☆	☆	☆		☆	☆	☆	7°
	.236	*.015*	*.015*												

SSC = To correspond with SSC on holder.

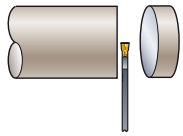
N = Neutral

Tolerances:

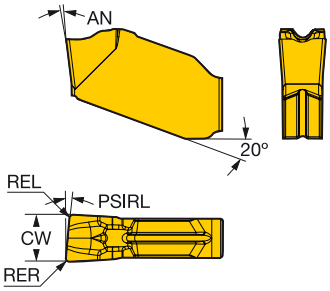
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-N..-CL	-0.05	0.05	-.0020	.0020	-0.05	0.05	-.0020	.0020

B90 B174 B182 I1 I26

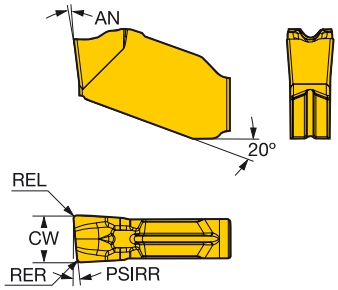
CoroCut® QD insert for parting



QD-L..-CM



QD-R..-CM



	SSC	CW	PSIRL	PSIRR	REL	RER	Ordering code	P 1125	P 1135	P 1145	M 1125	M 1135	M 1145	K 1125	K 1135	S 1125	S 1145	Dimensions, mm, inch AN
	E	2.00	5°		0.20	0.20	QD-LE-0200-0502-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.079			*.007*	*.007*												
		2.00		5°	0.20	0.20	QD-RE-0200-0502-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.079			*.007*	*.007*												
	F	2.50	5°		0.20	0.20	QD-LF-0250-0502-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.098			*.007*	*.007*												
		2.50		5°	0.20	0.20	QD-RF-0250-0502-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.098			*.007*	*.007*												
	G	3.00	5°		0.20	0.20	QD-LG-0300-0502-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.118			*.007*	*.007*												
		3.00		5°	0.20	0.20	QD-RG-0300-0502-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.118			*.007*	*.007*												
	H	4.00	5°		0.20	0.20	QD-LH-0400-0502-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.157			*.007*	*.007*												
		4.00		5°	0.20	0.20	QD-RH-0400-0502-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.157			*.007*	*.007*												

SSC = To correspond with SSC on holder.

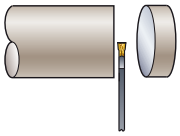
R = Right hand, L = Left hand

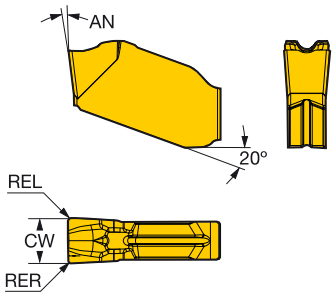
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-L..-CM	-0.05	0.05	-.0020	.0020	-0.05	0.05	-.0020	.0020
QD-R..-CM	-0.05	0.05	-.0020	.0020	-0.05	0.05	-.0020	.0020

B90 B174 B182 I1 I26

CoroCut® QD insert for parting





	SSC	CW	REL	RER	Ordering code	P			M			K		N		S				Dimensions, mm, inch
						1125	1135	1145	1105	1125	1135	1125	1135	1105	H13A	1105	1125	1145	H13A	AN
	E	2.00	0.20	0.20	QD-NE-0200-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.079	.007	.007																
		2.39	0.20	0.20	QD-NE-0239-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.094	.007	.007																
	F	2.50	0.20	0.20	QD-NF-0250-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.098	.007	.007																
	G	3.00	0.20	0.20	QD-NG-0300-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.118	.007	.007																
		3.18	0.20	0.20	QD-NG-0318-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.125	.007	.007																
	H	4.00	0.20	0.20	QD-NH-0400-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.157	.007	.007																
		4.76	0.20	0.20	QD-NH-0476-0002-CM	☆	☆	☆		☆	☆	☆	☆				☆	☆		7°
		.187	.007	.007																
	J	5.00	0.20	0.20	QD-NJ-0500-0002-CM	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	☆		7°
		.197	.007	.007																
	K	6.00	0.30	0.30	QD-NK-0600-0003-CM	☆	☆	☆		☆	☆	☆	☆				☆	☆		7°
		.236	.011	.011																
		6.35	0.30	0.30	QD-NK-0635-0003-CM	☆	☆			☆	☆		☆	☆				☆		7°
		.250	.011	.011																

SSC = To correspond with SSC on holder.

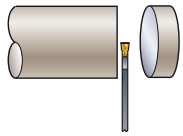
N = Neutral

Tolerances:

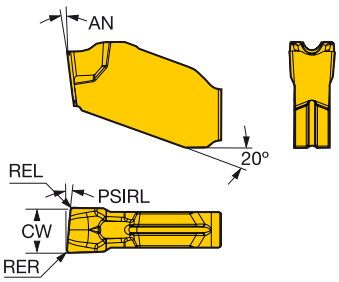
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-N..-CM	-0.05	0.05	-.0020	.0020	-0.05	0.05	-.0020	.0020

B90 B174 B182 I1 I26

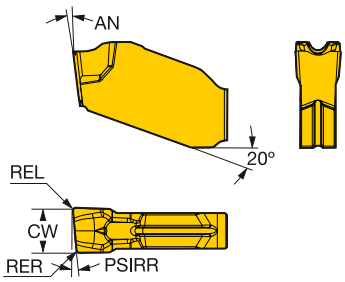
CoroCut® QD insert for parting



QD-L..-CO



QD-R..-CO



	SSC	CW	PSIRL	PSIRR	REL	RER	Ordering code	P 1125	P 1135	P 1145	M 1125	M 1135	M 1145	K 1125	K 1135	S 1125	S 1145	Dimensions, mm, inch AN
	E	2.00	8°		0.10	0.10	QD-LE-0200-0801-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.079			*.003*	*.003*												
		2.00		8°	0.10	0.10	QD-RE-0200-0801-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.079			*.003*	*.003*												
	F	2.50	8°		0.10	0.10	QD-LF-0250-0801-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.098			*.003*	*.003*												
		2.50		8°	0.10	0.10	QD-RF-0250-0801-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.098			*.003*	*.003*												
	G	3.00	5°		0.10	0.10	QD-LG-0300-0501-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.118			*.003*	*.003*												
		3.00		5°	0.10	0.10	QD-RG-0300-0501-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.118			*.003*	*.003*												

SSC = To correspond with SSC on holder.

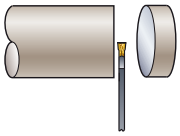
R = Right hand, L = Left hand

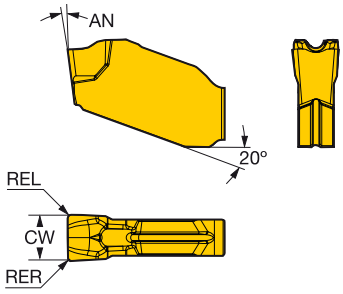
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-L..-CO	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020
QD-R..-CO	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020

B90 B174 B182 I5 I1 I26

CoroCut® QD insert for parting





	SSC	CW	REL	RER	Ordering code	P 1125	P 1135	P 1145	M 1105	M 1125	M 1135	M 1145	K 1125	K 1135	N 1105	N H13A	S 1105	S 1125	S 1145	S H13A	Dimensions, mm, inch AN
	E	2.00	0.10	0.10	QD-NE-0200-0001-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.079	*.003*	*.003*																	
	F	2.50	0.10	0.10	QD-NF-0250-0001-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.098	*.003*	*.003*																	
	G	3.00	0.10	0.10	QD-NG-0300-0001-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.118	*.003*	*.003*																	
	H	4.00	0.20	0.20	QD-NH-0400-0002-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
		.157	*.007*	*.007*																	
	J	5.00	0.20	0.20	QD-NJ-0500-0002-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	☆		7°
		.197	*.007*	*.007*																	
	K	6.00	0.20	0.20	QD-NK-0600-0002-CO	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	☆		7°
		.236	*.007*	*.007*																	

SSC = To correspond with SSC on holder.

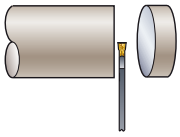
N = Neutral

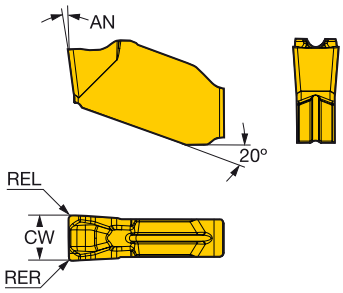
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-N..-CO	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020

B90 B174 B182 I5 I1 I26

CoroCut® QD insert for parting





SSC	CW	REL	RER	Ordering code	P 1125	P 1135	P 1145	M 1125	M 1135	M 1145	K 1125	K 1135	S 1125	S 1145	Dimensions, mm, inch AN
E	2.00	0.30	0.30	QD-NE-0200-0003-CR	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.079	*.011*	*.011*												
F	2.50	0.30	0.30	QD-NF-0250-0003-CR	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.098	*.011*	*.011*												
G	3.00	0.30	0.30	QD-NG-0300-0003-CR	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.118	*.011*	*.011*												
H	4.00	0.30	0.30	QD-NH-0400-0003-CR	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.157	*.011*	*.011*												
J	5.00	0.40	0.40	QD-NJ-0500-0004-CR	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.197	*.015*	*.015*												
K	6.00	0.40	0.40	QD-NK-0600-0004-CR	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
	.236	*.015*	*.015*												

SSC = To correspond with SSC on holder.

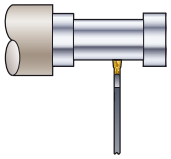
N = Neutral

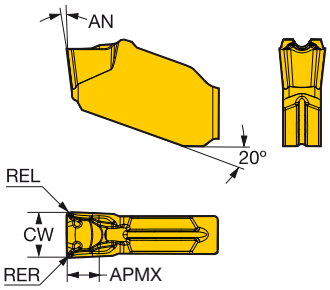
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-N..-CR	-0.05	0.05	-.0020	.0020	-0.05	0.05	-.0020	.0020

B90 B174 B182 I1 I26

CoroCut® QD insert for turning





SSC	CW	REL	RER	Ordering code	P 1125	P 1135	P 1145	M 1105	M 1125	M 1135	M 1145	K 1125	K 1135	N 1105	N H13A	S 1105	S 1125	S 1145	S H13A	Dimensions, mm, inch AN	APMX
G	3.00	0.30	0.30	QD-NG-0300-0003-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.1
	.118	*.011*	*.011*																		*.083*
H	4.00	0.40	0.40	QD-NH-0400-0004-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	2.8
	.157	*.015*	*.015*																		*.110*
J	5.00	0.40	0.40	QD-NJ-0500-0004-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	3.5
	.197	*.015*	*.015*																		*.138*
K	6.00	0.40	0.40	QD-NK-0600-0004-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	4.0
	.236	*.015*	*.015*																		*.157*

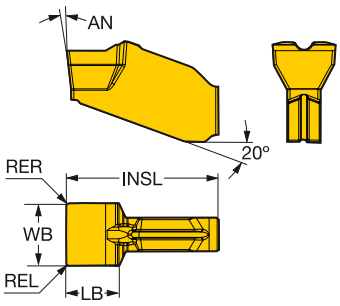
SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
QD-N..-TF	-0.05	0.05	-.0020	.0020	-0.05	0.05	-.0020	.0020

CoroCut® QD carbide blank



SSC	WB	REL	RER	Ordering code	P H10F	P H13A	M H10F	M H13A	K H10F	K H13A	N H10F	N H13A	S H10F	S H13A	O H10F	O H13A	AN	INSL	LB
E	2.91	0.2	0.2	QD-NE-0290-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	10.5	3.1
	.115	*.007*	*.007*															*.413*	*.122*
F	3.40	0.2	0.2	QD-NF-0340-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	10.5	3.1
	.134	*.007*	*.007*															*.413*	*.122*
G	4.40	0.2	0.2	QD-NG-0440-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	10.7	3.5
	.173	*.007*	*.007*															*.421*	*.138*
H	5.40	0.2	0.2	QD-NH-0540-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	12.8	4.3
	.213	*.007*	*.007*															*.504*	*.169*
J	6.40	0.2	0.2	QD-NJ-0640-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	14.8	5.0
	.252	*.007*	*.007*															*.583*	*.197*
K	8.40	0.2	0.2	QD-NK-0840-0002-BG	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	14.8	5.3
	.331	*.007*	*.007*															*.583*	*.209*

Dimensions, mm, inch

SSC = To correspond with SSC on holder.

N = Neutral

SSC	Min. width	Max. width
E	2.0	2.5
F	2.5	3.0
G	3.0	4.0
H	4.0	5.0
J	5.0	6.0

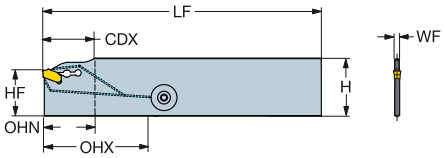
B174 I1 B182 I26

CoroCut® QD blade for parting

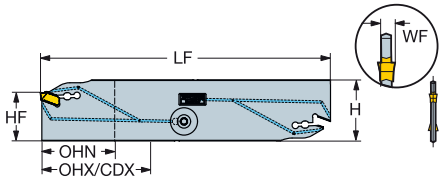
Spring lock design

Internal coolant supply

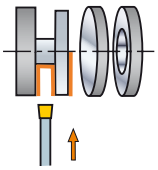
QD-NN1..C..A



QD-NN2..C..A

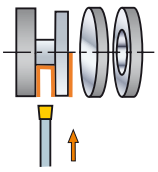


Single ended parting blade



SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	Kg	MIID
G	25	60.0	60.0	17.0	2	**QD-NN1G60C25A**	31.9	150.0	2.7	25.0	70	0.1	QD-NG-0300-0002-CM
		2.362	*2.362*	*.669*			*1.256*	*5.906*	*.105*	*.984*	*1015*		
H	21	36.0	36.0	17.0	2	**QD-NN1H36C21A**	25.9	110.0	3.7	21.4	70	0.1	QD-NH-0400-0002-CM
		1.417	*1.417*	*.669*			*1.020*	*4.331*	*.145*	*.843*	*1015*		
	25	60.0	60.0	17.0	2	**QD-NN1H60C25A**	31.9	150.0	3.7	25.0	70	0.1	QD-NH-0400-0002-CM
		2.362	*2.362*	*.669*			*1.256*	*5.906*	*.145*	*.984*	*1015*		

Double ended parting blade



SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	Kg	MIID
G	21	36.0	36.0	19.0	2	**QD-NN2G36C21A**	25.9	110.0	2.7	21.4	70	0.2	QD-NG-0300-0002-CM
		1.417	*1.417*	*.748*			*1.020*	*4.331*	*.105*	*.843*	*1015*		
	25	60.0	60.0	20.0	2	**QD-NN2G60C25A**	31.9	150.0	2.7	25.0	70	0.2	QD-NG-0300-0002-CM
		2.362	*2.362*	*.787*			*1.256*	*5.906*	*.105*	*.984*	*1015*		
	45	80.0	80.0	30.0	2	**QD-NN2G80C45A**	52.5	225.0	2.7	45.0	70	0.2	QD-NG-0300-0002-CM
		3.150	*3.150*	*1.181*			*2.067*	*8.858*	*.105*	*1.77*	*1015*		
H	25	60.0	60.0	20.0	2	**QD-NN2H60C25A**	31.9	150.0	3.7	25.0	70	0.1	QD-NH-0400-0002-CM
		2.362	*2.362*	*.787*			*1.256*	*5.906*	*.145*	*.984*	*1015*		
	45	80.0	80.0	30.0	2	**QD-NN2H80C45A**	52.5	225.0	3.7	45.0	70	0.3	QD-NH-0400-0002-CM
		3.150	*3.150*	*1.181*			*2.067*	*8.858*	*.145*	*1.77*	*1015*		
J	25	60.0	60.0	25.0	2	**QD-NN2J60C25A**	31.9	150.0	4.7	25.0	70	0.1	QD-NJ-0500-0002-CM
		2.362	*2.362*	*.984*			*1.256*	*5.906*	*.184*	*.984*	*1015*		
	45	80.0	80.0	30.0	2	**QD-NN2J80C45A**	52.5	225.0	4.7	45.0	70	0.4	QD-NJ-0500-0002-CM
		3.150	*3.150*	*1.181*			*2.067*	*8.858*	*.184*	*1.77*	*1015*		
K	25	60.0	60.0	24.0	2	**QD-NN2K60C25A**	31.9	150.0	5.7	25.0	70	0.2	QD-NK-0600-0003-CM
		2.362	*2.362*	*.945*			*1.256*	*5.906*	*.223*	*.984*	*1015*		
	45	80.0	80.0	30.0	2	**QD-NN2K80C45A**	52.5	225.0	5.7	45.0	70	0.4	QD-NK-0600-0003-CM
		3.150	*3.150*	*1.181*			*2.067*	*8.858*	*.223*	*1.77*	*1015*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

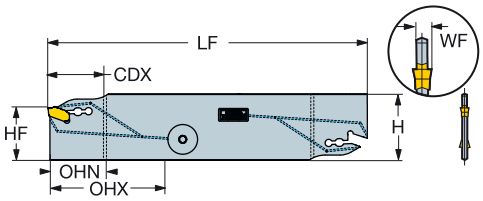
N = Neutral

B6 I1 F16 I38 I27

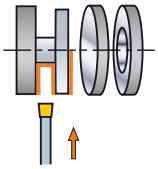
CoroCut® QD blade for parting

Spring lock design

Internal coolant supply



Double ended parting blade



SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	Kg	MIID
E	25	60.0	60.0	26.0	2	QD-NR2E26C25A	31.9	150.0	2.6	25.0	70	0.1	QD-NE-0200-0002-CM
		2.362	*2.362*	*1.024*			*1.256*	*5.906*	*.102*	*.984*	*1015*		
F	25	50.0	50.0	33.0	2	QD-NR2F33C25A	31.9	150.0	2.6	25.0	70	0.1	QD-NF-0250-0002-CM
		1.969	*1.969*	*1.299*			*1.256*	*5.906*	*.102*	*.984*	*1015*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

N = Neutral

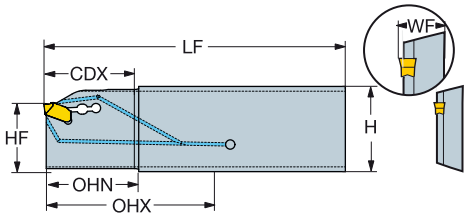
B6 I1 F16 I38 I27

CoroCut® QD blade for parting

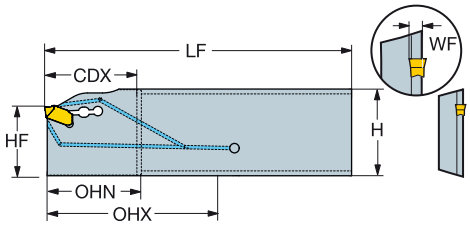
Spring lock design

Internal coolant supply

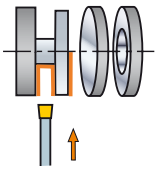
QD-RL..C..A



QD-RR..C..A



Single ended parting blade



SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	kg	MIID
E	25R	26.0	26.0	17.0	2	QD-RL1E26C25A	31.9	110.0	1.8	25.0	70	0.2	QD-NE-0200-0002-CM
		1.024	*1.024*	*.669*			*1.256*	*4.331*	*.069*	*.984*	*1015*		
	25R	26.0	50.0	26.0	2	QD-RR1E26C25A	31.9	110.0	1.8	25.0	70	0.2	QD-NE-0200-0002-CM
		1.024	*1.969*	*1.024*			*1.256*	*4.331*	*.069*	*.984*	*1015*		
F	25R	33.0	33.0	17.0	2	QD-RL1F33C25A	31.9	110.0	2.3	25.0	70	0.2	QD-NF-0250-0002-CM
		1.299	*1.299*	*.669*			*1.256*	*4.331*	*.089*	*.984*	*1015*		
	25R	33.0	50.0	33.0	2	QD-RR1F33C25A	31.9	110.0	2.3	25.0	70	0.2	QD-NF-0250-0002-CM
		1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.089*	*.984*	*1015*		
G	25R	33.0	50.0	33.0	2	QD-RL1G33C25A	31.9	110.0	8.3	25.0	70	0.2	QD-NG-0300-0002-CM
		1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.328*	*.984*	*1015*		
	25R	33.0	50.0	33.0	2	QD-RR1G33C25A	31.9	110.0	2.7	25.0	70	0.2	QD-NG-0300-0002-CM
		1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.105*	*.984*	*1015*		
H	25R	40.0	40.0	17.0	2	QD-RL1H40C25A	31.9	110.0	3.7	25.0	70	0.2	QD-NH-0400-0002-CM
		1.575	*1.575*	*.669*			*1.256*	*4.331*	*.145*	*.984*	*1015*		
	25R	40.0	50.0	40.0	2	QD-RR1H40C25A	31.9	110.0	3.7	25.0	70	0.2	QD-NH-0400-0002-CM
		1.575	*1.969*	*1.575*			*1.256*	*4.331*	*.145*	*.984*	*1015*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

R = Right hand

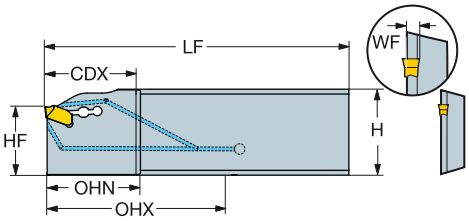
B6 I1 F16 I38 I27

CoroCut® QD blade for parting

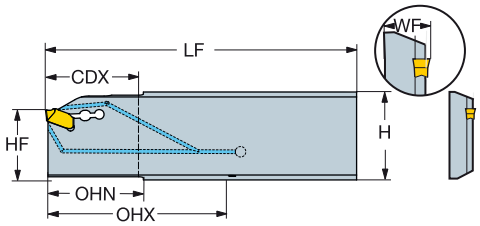
Spring lock design

Internal coolant supply

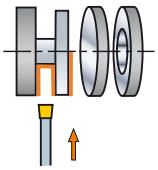
QD-LL..C..A



QD-LR..C..A



Single ended parting blade



SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	Kg	MIID
E	25L	26.0	50.0	26.0	2	QD-LL1E26C25A	31.9	110.0	1.8	25.1	70	0.2	QD-NE-0200-0002-CM
		1.024	*1.969*	*1.024*			*1.256*	*4.331*	*.069*	*.988*	*1015*		
	25L	26.0	50.0	26.0	2	QD-LR1E26C25A	31.9	110.0	1.8	25.0	70	0.2	QD-NE-0200-0002-CM
		1.024	*1.969*	*1.024*			*1.256*	*4.331*	*.069*	*.984*	*1015*		
F	25L	33.0	50.0	33.0	2	QD-LL1F33C25A	31.9	110.0	2.3	25.1	70	0.2	QD-NF-0250-0002-CM
		1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.089*	*.988*	*1015*		
	25L	33.0	33.0		2	QD-LR1F33C25A	31.9	110.0	2.3	25.0	70	0.2	QD-NF-0250-0002-CM
		1.299	*1.299*				*1.256*	*4.331*	*.089*	*.984*	*1015*		
G	25L	33.0	50.0	33.0	2	QD-LL1G33C25A	31.9	110.0	2.7	25.1	70	0.2	QD-NG-0300-0002-CM
		1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.105*	*.988*	*1015*		
	25L	33.0	50.0	33.0	2	QD-LR1G33C25A	31.9	110.0	8.3	25.1	70	0.2	QD-NG-0300-0002-CM
		1.299	*1.969*	*1.299*			*1.256*	*4.331*	*.328*	*.988*	*1015*		
H	25L	40.0	50.0	40.0	2	QD-LL1H40C25A	31.9	110.0	3.7	25.1	70	0.2	QD-NH-0400-0002-CM
		1.575	*1.969*	*1.575*			*1.256*	*4.331*	*.145*	*.988*	*1015*		
	25L	40.0	40.0		2	QD-LR1H40C25A	31.9	110.0	3.7	25.0	70	0.2	QD-NH-0400-0002-CM
		1.575	*1.575*				*1.256*	*4.331*	*.145*	*.984*	*1015*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

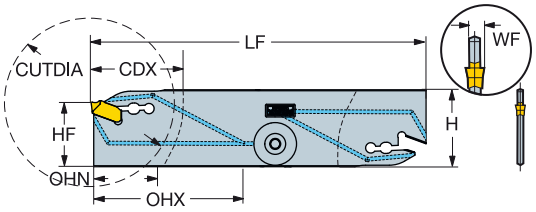
L = Left hand

B6 I1 F16 I38 I27

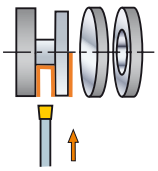
CoroCut® QD blade for parting

Spring lock design

Internal coolant supply



Double ended parting blade

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	kg	MIID
	E	21	50.0	52.0	50.0	26.0	2	QD-NR2E26C21D	25.9	110.0	2.6	21.4	70	0.1	QD-NE-0200-0002-CM
			1.969	*2.047*	*1.969*	*1.024*			*1.020*	*4.331*	*.102*	*.843*	*1015*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

N = Neutral

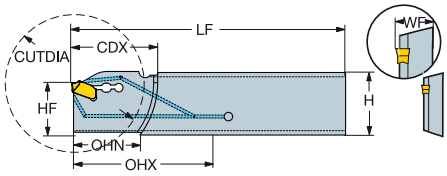
B6 I1 F16 I38 I27

CoroCut® QD blade for parting

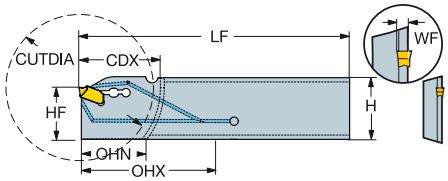
Spring lock design

Internal coolant supply

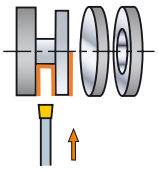
QD-RL..C..D



QD-RR..C..D



Single ended parting blade



SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	Kg	MIID
E	21R	26.0	52.0	26.0	17.0	2	QD-RL1E26C21D	25.9	110.0	1.8	21.4	70	0.1	QD-NE-0200-0002-CM
		1.024	*2.047*	*1.024*	*.669*			*1.020*	*4.331*	*.069*	*.843*	*1015*		
	21R	26.0	52.0	50.0	26.0	2	QD-RR1E26C21D	25.9	110.0	1.8	21.4	70	0.1	QD-NE-0200-0002-CM
		1.024	*2.047*	*1.969*	*1.024*			*1.020*	*4.331*	*.069*	*.843*	*1015*		
F	21R	26.0	52.0	26.0	17.0	2	QD-RL1F26C21D	25.9	110.0	2.3	21.4	70	0.1	QD-NF-0250-0002-CM
		1.024	*2.047*	*1.024*	*.669*			*1.020*	*4.331*	*.089*	*.843*	*1015*		
	21R	26.0	52.0	50.0	26.0	2	QD-RR1F26C21D	25.9	110.0	2.3	21.4	70	0.1	QD-NF-0250-0002-CM
		1.024	*2.047*	*1.969*	*1.024*			*1.020*	*4.331*	*.089*	*.843*	*1015*		
G	21R	33.0	66.0	50.0	33.0	2	QD-RL1G33C21D	25.9	110.0	8.3	21.4	70	0.1	QD-NG-0300-0002-CM
		1.299	*2.598*	*1.969*	*1.299*			*1.020*	*4.331*	*.328*	*.843*	*1015*		
	21R	26.0	52.0	50.0	26.0	2	QD-RR1G26C21D	25.9	110.0	2.7	21.4	70	0.1	QD-NG-0300-0002-CM
		1.024	*2.047*	*1.969*	*1.024*			*1.020*	*4.331*	*.105*	*.843*	*1015*		
	21R	33.0	66.0	50.0	33.0	2	QD-RR1G33C21D	25.9	110.0	2.7	21.4	70	0.1	QD-NG-0300-0002-CM
		1.299	*2.598*	*1.969*	*1.299*			*1.020*	*4.331*	*.105*	*.843*	*1015*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

R = Right hand

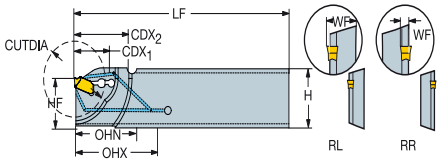
B6 I1 F16 I38 I27

CoroCut® QD blade for parting

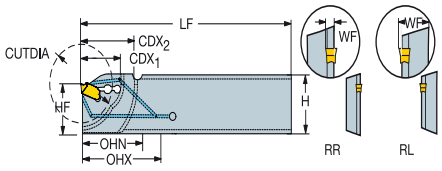
Spring lock design

Internal coolant supply

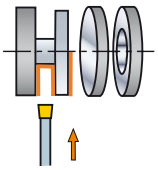
QD-RL1..C..D2



QD-RR1..C..D2



Single ended parting blade



SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	KG	MIID
E	21R	18.0	36.0	50.0	18.0	2	QD-RL1E18C21D2	25.9	110.0	8.3	21.4	70	0.1	QD-NE-0200-0002-CM
		.709	*1.417*	*1.969*	*.709*			*1.020*	*4.331*	*.325*	*.843*	*1015*		
	21R	18.0	36.0	50.0	18.0	2	QD-RR1E18C21D2	25.9	110.0	1.8	21.4	70	0.1	QD-NE-0200-0002-CM
		.709	*1.417*	*1.969*	*.709*			*1.020*	*4.331*	*.069*	*.843*	*1015*		
F	21R	18.0	36.0	50.0	18.0	2	QD-RL1F18C21D2	25.9	110.0	8.3	21.4	70	0.1	QD-NF-0250-0002-CM
		.709	*1.417*	*1.969*	*.709*			*1.020*	*4.331*	*.325*	*.843*	*1015*		
	21R	18.0	36.0	50.0	18.0	2	QD-RR1F18C21D2	25.9	110.0	1.3	21.4	70	0.1	QD-NF-0250-0002-CM
		.709	*1.417*	*1.969*	*.709*			*1.020*	*4.331*	*.049*	*.843*	*1015*		
G	21R	18.0	36.0	50.0	18.0	2	QD-RL1G18C21D2	25.9	110.0	8.3	21.4	70	0.1	QD-NG-0300-0002-CM
		.709	*1.417*	*1.969*	*.709*			*1.020*	*4.331*	*.328*	*.843*	*1015*		
	21R	18.0	36.0	50.0	18.0	2	QD-RR1G18C21D2	25.9	110.0	2.7	21.4	70	0.1	QD-NG-0300-0002-CM
		.709	*1.417*	*1.969*	*.709*			*1.020*	*4.331*	*.105*	*.843*	*1015*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

R = Right hand

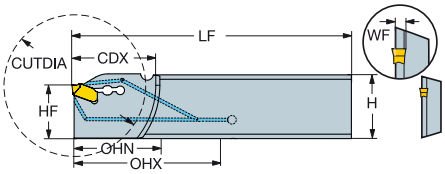
B6 I1 F16 I38 I27

CoroCut® QD blade for parting

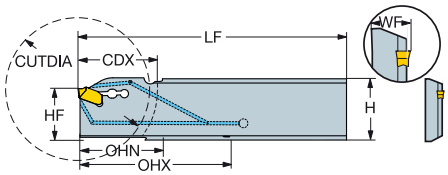
Spring lock design

Internal coolant supply

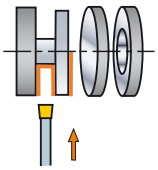
QD-LL..C..D



QD-LR..C..D



Single ended parting blade



SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	Kg	MIID
E	21L	26.0	52.0	50.0	26.0	2	QD-LL1E26C21D	25.9	110.0	1.8	21.4	70	0.1	QD-NE-0200-0002-CM
		1.024	*2.047*	*1.969*	*1.024*			*1.020*	*4.331*	*.069*	*.843*	*1015*		
	21L	26.0	52.0	26.0	17.0	2	QD-LR1E26C21D	25.9	110.0	1.8	21.4	70	0.1	QD-NE-0200-0002-CM
		1.024	*2.047*	*1.024*	*.669*			*1.020*	*4.331*	*.069*	*.843*	*1015*		
F	21L	26.0	52.0	50.0	26.0	2	QD-LL1F26C21D	25.9	110.0	2.3	21.4	70	0.1	QD-NF-0250-0002-CM
		1.024	*2.047*	*1.969*	*1.024*			*1.020*	*4.331*	*.089*	*.843*	*1015*		
	21L	26.0	52.0	26.0	17.0	2	QD-LR1F26C21D	25.9	110.0	2.3	21.4	70	0.1	QD-NF-0250-0002-CM
		1.024	*2.047*	*1.024*	*.669*			*1.020*	*4.331*	*.089*	*.843*	*1015*		
G	21L	26.0	52.0	50.0	26.0	2	QD-LL1G26C21D	25.9	110.0	2.7	21.4	70	0.1	QD-NG-0300-0002-CM
		1.024	*2.047*	*1.969*	*1.024*			*1.020*	*4.331*	*.105*	*.843*	*1015*		
	21L	33.0	66.0	50.0	33.0	2	QD-LL1G33C21D	25.9	110.0	2.7	21.4	70	0.1	QD-NG-0300-0002-CM
		1.299	*2.598*	*1.969*	*1.299*			*1.020*	*4.331*	*.105*	*.843*	*1015*		
	21L	33.0	66.0	50.0	33.0	2	QD-LR1G33C21D	25.9	110.0	8.3	21.4	70	0.1	QD-NG-0300-0002-CM
		1.299	*2.598*	*1.969*	*1.299*			*1.020*	*4.331*	*.328*	*.843*	*1015*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

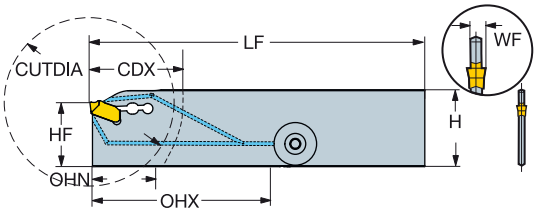
L = Left hand

B6 I1 F16 I38 I27

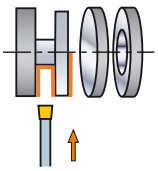
CoroCut® QD blade for parting

Spring lock design

Internal coolant supply



Single ended parting blade

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	kg	MIID
	F	21	33.0	66.0	50.0	33.0	2	**QD-NR1F33C21D**	25.9	110.0	2.6	21.4	70	0.1	QD-NF-0250-0002-CM
			1.299	*2.598*	*1.969*	*1.299*			*1.020*	*4.331*	*.102*	*.843*	*1015*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

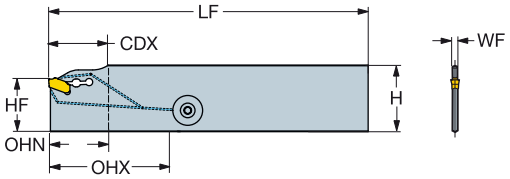
N = Neutral

B6 I1 F16 I38 I27

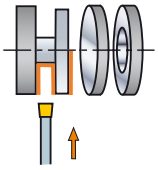
CoroCut® QD blade for parting

Spring lock design

Internal coolant supply



Single ended parting blade



SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	CP Bar/PSI	Kg	MIID
E	25	26.0	26.0	17.0	2	**QD-NR1E26C25A**	31.9	150.0	1.8	25.0	70	0.1	QD-NE-0200-0002-CM
		1.024	*1.024*	*.669*			*1.256*	*5.906*	*.069*	*.984*	*1015*		
F	25	33.0	33.0	17.0	2	**QD-NR1F33C25A**	31.9	150.0	2.3	25.0	70	0.1	QD-NF-0250-0002-CM
		1.299	*1.299*	*.669*			*1.256*	*5.906*	*.089*	*.984*	*1015*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

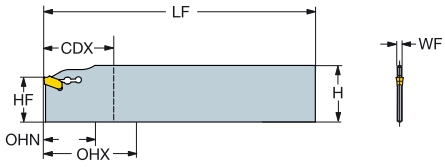
N = Neutral

B6 I1 F16 I38 I27

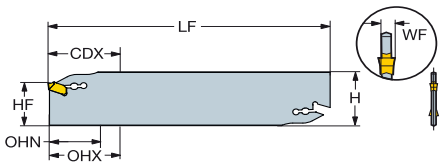
CoroCut® QD blade for parting

Spring lock design

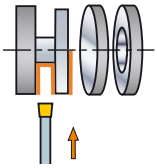
QD-NN1..A



QD-NN2..A

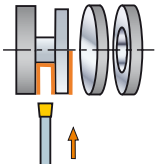


Single ended parting blade



SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	kg	MIID
F	25	33.0	33.0	17.0	0	**QD-NN1F33-25A**	31.9	150.0	2.3	25.0	0.1	QD-NF-0250-0002-CM
		1.299	*1.299*	*.669*			*1.256*	*5.906*	*.089*	*.984*		
G	25	60.0	60.0	17.0	0	**QD-NN1G60-25A**	31.9	150.0	2.7	25.0	0.1	QD-NG-0300-0002-CM
		2.362	*2.362*	*.669*			*1.256*	*5.906*	*.105*	*.984*		
H	21	36.0	36.0	17.0	0	**QD-NN1H36-21A**	25.9	110.0	3.7	21.4	0.1	QD-NH-0400-0002-CM
		1.417	*1.417*	*.669*			*1.020*	*4.331*	*.145*	*.843*		
	25	60.0	60.0	17.0	0	**QD-NN1H60-25A**	31.9	150.0	3.7	25.0	0.1	QD-NH-0400-0002-CM
		2.362	*2.362*	*.669*			*1.256*	*5.906*	*.145*	*.984*		

Double ended parting blade



SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	kg	MIID
F	21	33.0	35.0	17.0	0	**QD-NN2F33-21A**	25.9	110.0	2.3	21.4	0.1	QD-NF-0250-0002-CM
		1.299	*1.378*	*.669*			*1.020*	*4.331*	*.089*	*.843*		
	25	33.0	50.0	17.0	0	**QD-NN2F33-25A**	31.9	150.0	2.3	25.0	0.1	QD-NF-0250-0002-CM
		1.299	*1.969*	*.669*			*1.256*	*5.906*	*.089*	*.984*		
G	21	36.0	36.0	17.0	0	**QD-NN2G36-21A**	25.9	110.0	2.7	21.4	0.2	QD-NG-0300-0002-CM
		1.417	*1.417*	*.669*			*1.020*	*4.331*	*.105*	*.843*		
	25	60.0	60.0	17.0	0	**QD-NN2G60-25A**	31.9	150.0	2.7	25.0	0.2	QD-NG-0300-0002-CM
		2.362	*2.362*	*.669*			*1.256*	*5.906*	*.105*	*.984*		
	45	80.0	80.0	30.0	0	**QD-NN2G80-45A**	52.5	225.0	2.7	45.0	0.2	QD-NG-0300-0002-CM
		3.150	*3.150*	*1.181*			*2.067*	*8.858*	*.105*	*1.77*		
H	25	60.0	60.0	17.0	0	**QD-NN2H60-25A**	31.9	150.0	3.7	25.0	0.1	QD-NH-0400-0002-CM
		2.362	*2.362*	*.669*			*1.256*	*5.906*	*.145*	*.984*		
	45	80.0	80.0	30.0	0	**QD-NN2H80-45A**	52.5	225.0	3.7	45.0	0.3	QD-NH-0400-0002-CM
		3.150	*3.150*	*1.181*			*2.067*	*8.858*	*.145*	*1.77*		

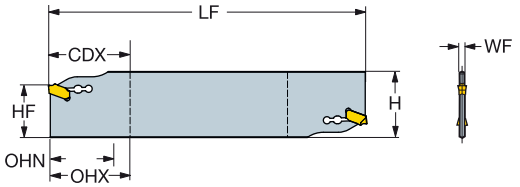
SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

N = Neutral

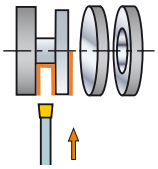
B6 I1 F16 I38 I27

CoroCut® QD blade for parting

Spring lock design



Double ended parting blade

	SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	kg	MIID
	E	25	50.0	50.0	26.0	0	**QD-NR2E26-25A**	31.9	150.0	2.6	25.0	0.1	QD-NE-0200-0002-CM
			1.969	*1.969*	*1.024*			*1.256*	*5.906*	*.102*	*.984*		

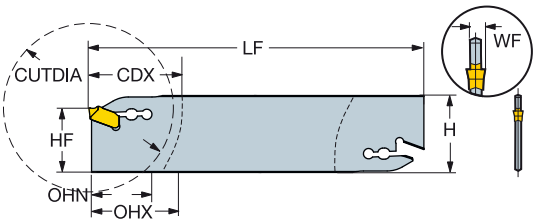
SSC = To correspond with SSC on insert.
CZC_{WS} to correspond with CZC_{MS} on tool

N = Neutral

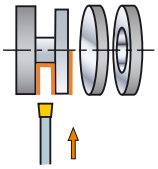
B6 I1 F16 I38 I27

CoroCut® QD blade for parting

Spring lock design



Double ended parting blade



SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	kg	MIID
E	21	50.0	52.0	50.0	26.0	0	**QD-NR2E26-21D**	25.9	110.0	2.6	21.4	0.1	QD-NE-0200-0002-CM
		1.969	*2.047*	*1.969*	*1.024*			*1.020*	*4.331*	*.102*	*.843*		

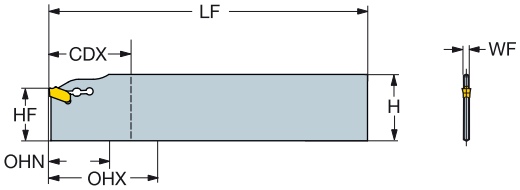
SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

N = Neutral

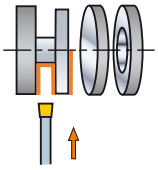
B6 I1 F16 I38 I27

CoroCut® QD blade for parting

Spring lock design



Single ended parting blade



SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	Kg	MIID
E	25	26.0	26.0	17.0	0	**QD-NR1E26-25A**	31.9	150.0	1.8	25.0	0.1	QD-NE-0200-0002-CM
		1.024	*1.024*	*.669*			*1.256*	*5.906*	*.069*	*.984*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

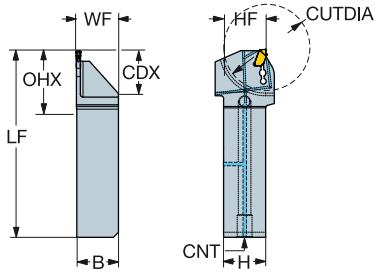
N = Neutral

B6 I1 F16 I38 I27

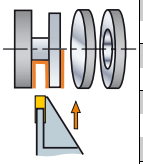
CoroCut® QD QS shank tool for parting and grooving

Spring lock design

Internal coolant supply

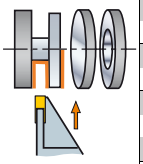


Metric version



SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	CNT	MIID
E	20 x 20	20.0	40	41	21	3	QS-QD-R/LFE20C2020D	20	20	90	20	20	150	G1/8	QD-NE-0200-0002-CM
	25 x 25	26.0	52	52	27	3	QS-QD-R/LFE26C2525D	25	25	111	26	25	150	G1/8	QD-NE-0200-0002-CM
F	20 x 20	20.0	40	41	21	3	QS-QD-R/LFF26C2020D	20	20	90	20	20	150	G1/8	QD-NF-0250-0002-CM
	25 x 25	26.0	52	52	27	3	QS-QD-R/LFF26C2525D	25	25	111	26	25	150	G1/8	QD-NF-0250-0002-CM
G	20 x 20	26.0	52	41	21	3	QS-QD-R/LFG26C2020D	20	20	90	20	20	150	G1/8	QD-NG-0300-0002-CM
	25 x 25	26.0	52	52	27	3	QS-QD-R/LFG26C2525D	25	25	111	26	25	150	G1/8	QD-NG-0300-0002-CM
	25 x 25	33.0	66	52	34	3	QS-QD-R/LFG33C2525D	25	25	118	26	25	150	G1/8	QD-NG-0300-0002-CM
H	20 x 20	33.0	66	54	34	3	QS-QD-R/LFH33C2020D	20	20	103	20	20	150	G1/8	QD-NH-0400-0002-CM
	25 x 25	40.0	80	46	41	3	QS-QD-R/LFH40C2525D	25	25	125	25	25	150	G1/8	QD-NH-0400-0002-CM
J	25 x 25	40.0	80	66	41	3	QS-QD-R/LFJ40C2525D	25	25	125	25	25	150	G1/8	QD-NJ-0500-0002-CM
K	25 x 25	40.0	80	66	41	3	QS-QD-R/LFK40C2525D	25	25	125	25	25	150	G1/8	QD-NK-0600-0003-CM

Inch version



SSC	CZC_{MS}	CDX	CUTDIA	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	CNT	MIID
E	3/4 x 3/4	.800	1.600	1.614	.863	3	QS-QD-R/LFE0800C12D	.750	.750	3.579	.770	.750	2175	G1/8	QD-NE-0200-0002-CM
	1 x 1	1.000	2.000	2.063	1.063	3	QS-QD-R/LFE1000C16D	1.000	1.000	4.370	1.020	1.000	2175	G1/8	QD-NE-0200-0002-CM
F	3/4 x 3/4	1.000	2.000	1.811	1.063	3	QS-QD-R/LFF1000C12D	.750	.750	3.780	.770	.750	2175	G1/8	QD-NF-0250-0002-CM
	1 x 1	1.000	2.000	2.063	1.063	3	QS-QD-R/LFF1000C16D	1.000	1.000	4.370	1.020	1.000	2175	G1/8	QD-NF-0250-0002-CM
G	3/4 x 3/4	1.000	2.000	1.811	1.063	3	QS-QD-R/LFG1000C12D	.750	.750	3.780	.770	.750	2175	G1/8	QD-NG-0300-0002-CM
	1 x 1	1.000	2.000	2.063	1.063	3	QS-QD-R/LFG1000C16D	1.000	1.000	4.370	1.020	1.000	2175	G1/8	QD-NG-0300-0002-CM
	1 x 1	1.300	2.600	2.363	1.363	3	QS-QD-R/LFG1300C16D	1.000	1.000	4.669	1.020	1.000	2175	G1/8	QD-NG-0300-0002-CM
H	3/4 x 3/4	1.300	2.600	2.110	1.362	3	QS-QD-R/LFH1300C12D	.750	.750	4.079	.770	.750	2175	G1/8	QD-NH-0400-0002-CM
	1 x 1	1.600	3.200	2.663	1.663	3	QS-QD-R/LFH1600C16D	1.000	1.000	4.969	1.020	1.000	2175	G1/8	QD-NH-0400-0002-CM
J	1 x 1	1.600	3.200	2.663	1.663	3	QS-QD-R/LFJ1600C16D	1.000	1.000	4.969	1.020	1.000	2175	G1/8	QD-NJ-0500-0002-CM
K	1 x 1	1.600	3.200	2.663	1.663	3	QS-QD-R/LFK1600C16D	1.000	1.000	4.969	1.020	1.000	2175	G1/8	QD-NK-0600-0003-CM

SSC = To correspond with SSC on insert.

CZC_{MS} to correspond with CZC_{WS} on holder

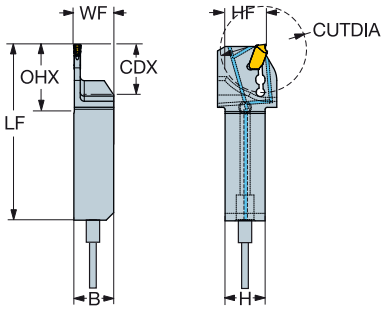
R = Right hand, L = Left hand

B6 I1 F16 I38 I28

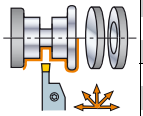
CoroCut® QD QS shank tool for parting and grooving

Spring lock design

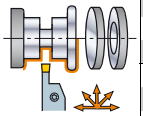
Internal coolant supply



Metric version

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	MIID
	E	10 x 10	13.0	26	25	1	QS-QD-R/LFE13C1010S	10	10	70	10	10	80	QD-NE-0200-0002-CM
		12 x 12	16.0	32	25	1	QS-QD-R/LFE16C1212S	12	12	70	12	12	80	QD-NE-0200-0002-CM
		16 x 16	20.0	40	25	1	QS-QD-R/LFE20C1616S	16	16	70	16	16	80	QD-NE-0200-0002-CM
	F	10 x 10	13.0	26	25	1	QS-QD-R/LFF13C1010S	10	10	70	10	10	80	QD-NF-0250-0002-CM
		12 x 12	20.0	40	25	1	QS-QD-R/LFF20C1212S	12	12	70	12	12	80	QD-NF-0250-0002-CM
		16 x 16	20.0	40	25	1	QS-QD-R/LFF20C1616S	16	16	70	16	16	80	QD-NF-0250-0002-CM
	G	16 x 16	20.0	20	25	1	QS-QD-R/LFG20C1616S	16	16	70	16	16	80	QD-NG-0300-0002-CM

Inch version

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	MIID
	E	3/8 x 3/8	.500	1.000	.984	1	QS-QD-R/LFE0500C06S	.375	.375	2.756	.375	.375	1160	QD-NE-0200-0002-CM
		1/2 x 1/2	.625	1.250	.984	1	QS-QD-R/LFE0625C08S	.500	.500	2.756	.500	.500	1160	QD-NE-0200-0002-CM
		5/8 x 5/8	.800	1.600	.984	1	QS-QD-R/LFE0800C10S	.625	.625	2.756	.625	.625	1160	QD-NE-0200-0002-CM
	F	3/8 x 3/8	.500	1.000	.984	1	QS-QD-R/LFF0500C06S	.375	.375	2.756	.375	.375	1160	QD-NF-0250-0002-CM
		1/2 x 1/2	.800	1.600	.984	1	QS-QD-R/LFF0800C08S	.500	.500	2.756	.500	.500	1160	QD-NF-0250-0002-CM
		5/8 x 5/8	.800	1.600	.984	1	QS-QD-R/LFF0800C10S	.625	.625	2.756	.625	.625	1160	QD-NF-0250-0002-CM
	G	5/8 x 5/8	.800	1.600	.984	1	QS-QD-R/LFG0800C10S	.625	.625	2.756	.625	.625	1160	QD-NG-0300-0002-CM

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

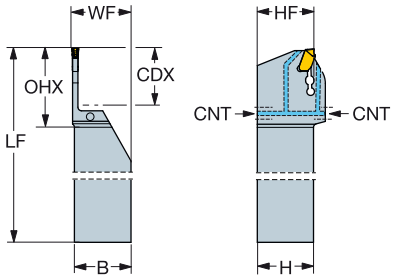
R = Right hand, L = Left hand

 B6
ISO 13399 I1
 F16
CNSC CXSC I38
C3 - D C I28

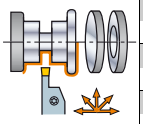
CoroCut® QD shank tool for parting and grooving

Spring lock design

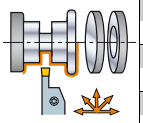
Internal coolant supply



Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	CNT	MIID
	H	32 x 32	33.0	55	2	**QD-R/LFH33C3232A**	32	32	170	33	32	150	G1/8	QD-NH-0400-0002-CM
		32 x 32	45.0	66	2	**QD-R/LFH45C3232A**	32	32	170	33	32	150	G1/8	QD-NH-0400-0002-CM
	J	32 x 32	33.0	54	2	**QD-R/LFJ33C3232A**	32	32	170	33	32	150	G1/8	QD-NJ-0500-0002-CM
		32 x 32	45.0	66	2	**QD-R/LFJ45C3232A**	32	32	170	33	32	150	G1/8	QD-NJ-0500-0002-CM
	K	32 x 32	33.0	55	2	**QD-R/LFK33C3232A**	32	32	170	33	32	150	G1/8	QD-NK-0600-0003-CM
		32 x 32	45.0	67	2	**QD-R/LFK45C3232A**	32	32	170	33	32	150	G1/8	QD-NK-0600-0003-CM

Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	CNT	MIID
	H	1 1/4 x 1 1/4	1.300	2.165	2	**QD-R/LFH1300C20A**	1.250	1.250	7.000	1.299	1.250	2175	G1/8	QD-NH-0400-0002-CM
		1 1/4 x 1 1/4	1.800	2.677	2	**QD-R/LFH1800C20A**	1.250	1.250	7.000	1.299	1.250	2175	G1/8	QD-NH-0400-0002-CM
	J	1 1/4 x 1 1/4	1.300	2.165	2	**QD-R/LFJ1300C20A**	1.250	1.250	7.000	1.299	1.250	2175	G1/8	QD-NJ-0500-0002-CM
		1 1/4 x 1 1/4	1.800	2.677	2	**QD-R/LFJ1800C20A**	1.250	1.250	7.000	1.299	1.250	2175	G1/8	QD-NJ-0500-0002-CM
	K	1 1/4 x 1 1/4	1.300	2.165	2	**QD-R/LFK1300C20A**	1.250	1.250	7.000	1.299	1.250	2175	G1/8	QD-NK-0600-0003-CM
		1 1/4 x 1 1/4	1.800	2.638	2	**QD-R/LFK1800C20A**	1.250	1.250	7.000	1.299	1.250	2175	G1/8	QD-NK-0600-0003-CM

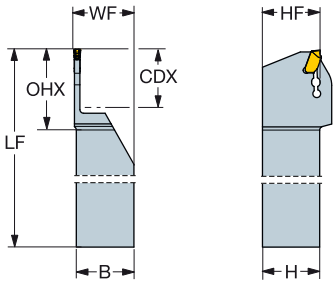
SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

R = Right hand, L = Left hand

 B6
ISO 13399 I1
 F16
CNSC CXSC I38
C3 - D C I27

CoroCut® QD shank tool for parting and grooving

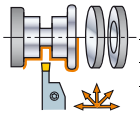
Spring lock design



Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Kg	MIID
	E	25 x 25	20.0	29	0	**QD-R/LFE20-2525A**	25	25	150	25	25	0.6	QD-NE-0200-0002-CM
	F	25 x 25	26.0	36	0	**QD-R/LFF26-2525A**	25	25	150	25	25	0.6	QD-NF-0250-0002-CM
	G	25 x 25	26.0	36	0	**QD-R/LFG26-2525A**	25	25	150	25	25	0.6	QD-NG-0300-0002-CM
	H	25 x 25	33.0	42	0	**QD-R/LFH33-2525A**	25	25	150	25	25	0.6	QD-NH-0400-0002-CM

Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Lbs	MIID
	E	1 x 1	.750	1.181	0	**QD-LFE0750-16A**	1.000	1.000	6.000	1.010	1.000	1.40	QD-NE-0200-0002-CM
		1 x 1	.750	1.378	0	**QD-RFE0750-16A**	1.000	1.000	6.000	1.010	1.000	1.40	QD-NE-0200-0002-CM
	F	1 x 1	1.000	1.378	0	**QD-R/LFF1000-16A**	1.000	1.000	6.000	1.010	1.000	1.35	QD-NF-0250-0002-CM
	G	1 x 1	1.000	1.417	0	**QD-R/LFG1000-16A**	1.000	1.000	6.000	1.010	1.000	1.35	QD-NG-0300-0002-CM
	H	1 x 1	1.300	1.654	0	**QD-R/LFH1300-16A**	1.000	1.000	6.000	1.010	1.000	1.31	QD-NH-0400-0002-CM

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

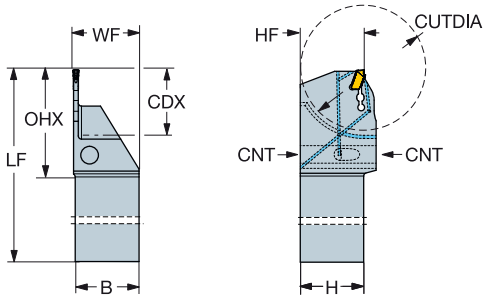
R = Right hand, L = Left hand

B6 I1 F16 I38 I27

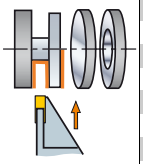
CoroCut® QD shank tool for parting and grooving

Spring lock design

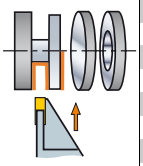
Internal coolant supply



Metric version

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	CNT	MIID
	G	32 x 32	33.0	66	54	2	**QD-R/LFG33C3232D**	32	32	170	33	32	150	G1/8	QD-NG-0300-0002-CM

Inch version

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	CNT	MIID
	G	1 1/4 x 1 1/4	1.300	2.600	2.165	2	**QD-R/LFG1300C20D**	1.250	1.250	7.000	1.299	1.250	2175	G1/8	QD-NG-0300-0002-CM

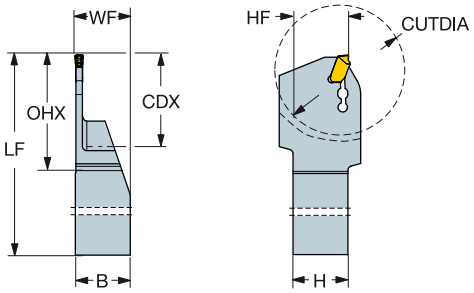
SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

R = Right hand, L = Left hand

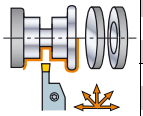
B6 I1 F16 I38 I27

CoroCut® QD shank tool for parting and grooving

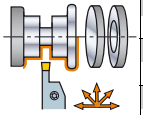
Spring lock design



Metric version

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Kg	MIID
	E	7 x 7	12.0	24	12	0	**QD-R/LFE12-0707S**	7	7	125	7	7	0.0	QD-NE-0200-0002-CM
		16 x 16	20.0	40	29	0	**QD-R/LFE20-1616S**	16	16	127	16	16	0.2	QD-NE-0200-0002-CM
		20 x 20	26.0	52	35	0	**QD-R/LFE26-2020S**	20	20	127	20	20	0.3	QD-NE-0200-0002-CM
	F	16 x 16	20.0	40	29	0	**QD-R/LFF20-1616S**	16	16	125	16	16	0.2	QD-NF-0250-0002-CM
		20 x 20	26.0	52	35	0	**QD-R/LFF26-2020S**	20	20	125	20	20	0.3	QD-NF-0250-0002-CM
		20 x 20	33.0	66	42	0	**QD-R/LFG33-2020S**	20	20	125	20	20	0.3	QD-NF-0250-0002-CM
	G	16 x 16	20.0	40	29	0	**QD-R/LFG20-1616S**	16	16	125	16	16	0.2	QD-NG-0300-0002-CM
	H	20 x 20	33.0	66	42	0	**QD-R/LFH33-2020S**	20	20	125	20	20	0.3	QD-NH-0400-0002-CM

Inch version

	SSC	CZC_{MS}	CDX	CUTDIA	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Lbs	MIID
	E	5/8 x 5/8	.800	1.600	1.181	0	**QD-R/LFE0800-10S**	.625	.625	5.000	.625	.625	.46	QD-NE-0200-0002-CM
		3/4 x 3/4	1.000	2.000	1.378	0	**QD-R/LFE1000-12S**	.750	.750	5.000	.750	.750	.64	QD-NE-0200-0002-CM
	F	5/8 x 5/8	.800	1.600	1.181	0	**QD-R/LFF0800-10S**	.625	.625	5.000	.625	.625	.47	QD-NF-0250-0002-CM
		3/4 x 3/4	1.000	2.000	1.378	0	**QD-R/LFF1000-12S**	.750	.750	5.000	.750	.750	.64	QD-NF-0250-0002-CM
	G	5/8 x 5/8	.800	1.600	1.181	0	**QD-R/LFG0800-10S**	.625	.625	5.000	.625	.625	.47	QD-NG-0300-0002-CM
		3/4 x 3/4	1.300	2.600	1.654	0	**QD-R/LFG1300-12S**	.750	.750	5.000	.750	.750	.61	QD-NG-0300-0002-CM
	H	3/4 x 3/4	1.300	2.600	1.654	0	**QD-R/LFH1300-12S**	.750	.750	5.000	.750	.750	.62	QD-NH-0400-0002-CM

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

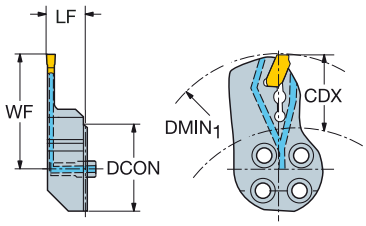
R = Right hand, L = Left hand

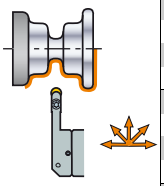
B6 I1 F16 I38 I27

CoroCut® QD head for grooving

Spring lock design

CoroTurn® SL - Internal coolant supply





SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	WF	HF	LF	CP Bar	CP PSI	MIID
E	25	22.0	55.0	9.0	1	SL-QD-R/LGE22C25	25	36.1	0	9	80		QD-NE-0200-0002-CM
		.866	*2.165*	*.354*			*.984*	*1.421*	*.004*	*0.354*		*1160*	
	32	26.0	64.0	11.0	1	SL-QD-R/LGE26C32	32	43.6	0	11	80		QD-NE-0200-0002-CM
		1.024	*2.520*	*.433*			*1.259*	*1.717*	*.004*	*0.433*		*1160*	
F	25	22.0	65.0	9.0	1	SL-QD-R/LGF22C25	25	36.1	0	9	80		QD-NF-0250-0002-CM
		.866	*2.559*	*.354*			*.984*	*1.421*	*.004*	*0.354*		*1160*	
	32	26.0	65.0	11.0	1	SL-QD-R/LGF26C32	32	43.6	0	11	80		QD-NF-0250-0002-CM
		1.024	*2.559*	*.433*			*1.259*	*1.717*	*.004*	*0.433*		*1160*	
G	25	22.0	70.0	9.0	1	SL-QD-R/LGG22C25	25	36.1	0	9	80		QD-NG-0300-0002-CM
		.866	*2.756*	*.354*			*.984*	*1.421*	*.004*	*0.354*		*1160*	
	32	26.0	70.0	11.0	1	SL-QD-R/LGG26C32	32	43.6	0	11	80		QD-NG-0300-0002-CM
		1.024	*2.756*	*.433*			*1.259*	*1.717*	*.004*	*0.433*		*1160*	
	40	32.0	80.0	12.0	1	SL-QD-R/LGG32C40	40	53.6	0	12	80		QD-NG-0300-0002-CM
		1.260	*3.150*	*.472*			*1.574*	*2.110*	*.004*	*0.472*		*1160*	
H	32	32.0	75.0	11.0	1	SL-QD-R/LGH32C32	32	49.6	0	11	80		QD-NH-0400-0002-CM
		1.260	*2.953*	*.433*			*1.259*	*1.953*	*.004*	*0.433*		*1160*	
	40	40.0	90.0	12.0	1	SL-QD-R/LGH40C40	40	61.6	0	12	80		QD-NH-0400-0002-CM
		1.575	*3.543*	*.472*			*1.574*	*2.425*	*.004*	*0.472*		*1160*	
J	40	40.0	125.0	12.0	1	SL-QD-R/LGJ40C40	40	61.6	0	12	80		QD-NJ-0500-0002-CM
		1.575	*4.921*	*.472*			*1.574*	*2.425*	*.004*	*0.472*		*1160*	
K	40	40.0	130.0	12.0	1	SL-QD-R/LGK40C40	40	61.6	0	12	80		QD-NK-0600-0003-CM
		1.575	*5.118*	*.472*			*1.574*	*2.425*	*.004*	*0.472*		*1160*	

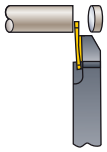
SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

R = Right hand, L = Left hand

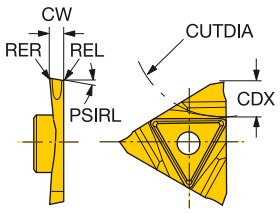
B6 I1 G1 I38 I28

CoroCut® 3 insert for parting

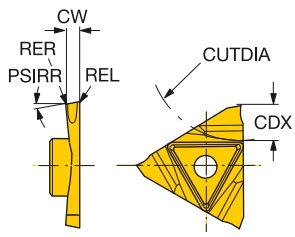
Shallow parting



L123T3-CS



R123T3-CS



SSC	CW	PSIRL	PSIRR	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch CUTDIA
T	1.00	5°		0.00	0.00	4.2	L123T3-0100-0500-CS	☆	☆	☆	☆	☆	50
	.039			*.000*	*.000*	*.165*							*1.968*
	1.00	10°		0.00	0.00	4.2	L123T3-0100-1000-CS	☆	☆	☆	☆	☆	50
	.039			*.000*	*.000*	*.165*							*1.968*
	1.00	15°		0.00	0.00	4.2	L123T3-0100-1500-CS	☆	☆	☆	☆	☆	50
	.039			*.000*	*.000*	*.165*							*1.968*
	1.50	5°		0.00	0.00	6.3	L123T3-0150-0500-CS	☆	☆	☆	☆	☆	100
	.059			*.000*	*.000*	*.248*							*3.937*
	1.50	10°		0.00	0.00	6.3	L123T3-0150-1000-CS	☆	☆	☆	☆	☆	100
	.059			*.000*	*.000*	*.248*							*3.937*
	1.50	15°		0.00	0.00	6.3	L123T3-0150-1500-CS	☆	☆	☆	☆	☆	100
	.059			*.000*	*.000*	*.248*							*3.937*
	2.00	5°		0.00	0.00	6.3	L123T3-0200-0500-CS	☆	☆	☆	☆	☆	100
	.079			*.000*	*.000*	*.248*							*3.937*
	2.00	10°		0.00	0.00	6.3	L123T3-0200-1000-CS	☆	☆	☆	☆	☆	100
	.079			*.000*	*.000*	*.248*							*3.937*
	2.00	15°		0.00	0.00	6.3	L123T3-0200-1500-CS	☆	☆	☆	☆	☆	100
	.079			*.000*	*.000*	*.248*							*3.937*
	1.00		5°	0.00	0.00	4.2	R123T3-0100-0500-CS	☆	☆	☆	☆	☆	50
	.039			*.000*	*.000*	*.165*							*1.968*
	1.00		10°	0.00	0.00	4.2	R123T3-0100-1000-CS	☆	☆	☆	☆	☆	50
	.039			*.000*	*.000*	*.165*							*1.968*
	1.00		15°	0.00	0.00	4.2	R123T3-0100-1500-CS	☆	☆	☆	☆	☆	50
	.039			*.000*	*.000*	*.165*							*1.968*
	1.50		5°	0.00	0.00	6.3	R123T3-0150-0500-CS	☆	☆	☆	☆	☆	100
	.059			*.000*	*.000*	*.248*							*3.937*
	1.50		10°	0.00	0.00	6.3	R123T3-0150-1000-CS	☆	☆	☆	☆	☆	100
	.059			*.000*	*.000*	*.248*							*3.937*
	1.50		15°	0.00	0.00	6.3	R123T3-0150-1500-CS	☆	☆	☆	☆	☆	100
	.059			*.000*	*.000*	*.248*							*3.937*
	2.00		5°	0.00	0.00	6.3	R123T3-0200-0500-CS	☆	☆	☆	☆	☆	100
	.079			*.000*	*.000*	*.248*							*3.937*
	2.00		10°	0.00	0.00	6.3	R123T3-0200-1000-CS	☆	☆	☆	☆	☆	100
	.079			*.000*	*.000*	*.248*							*3.937*
	2.00		15°	0.00	0.00	6.3	R123T3-0200-1500-CS	☆	☆	☆	☆	☆	100
	.079			*.000*	*.000*	*.248*							*3.937*

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

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

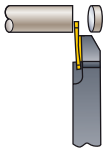
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123T3-CS	-0.10	0.00	-.0039	.0000	0.00	0.05	.0000	.0020
R123T3-CS	-0.10	0.00	-.0039	.0000	0.00	0.05	.0000	.0020

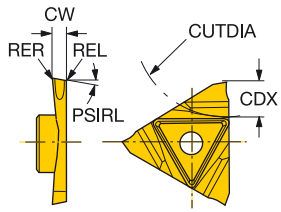
B118 B174 B182 B192 I5 I1 I25

CoroCut® 3 insert for parting

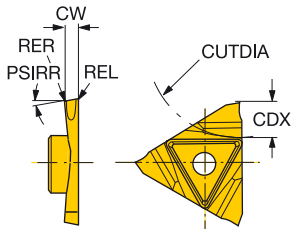
Shallow parting



L123U3-CS



R123U3-CS



	SSC	CW	PSIRL	PSIRR	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch CUTDIA
	U	1.00	5°		0.00	0.00	4.2	L123U3-0100-0500-CS	☆	☆	☆	☆	☆	50
		.039			.000	.000	.165							1.968
		1.00	10°		0.00	0.00	4.2	L123U3-0100-1000-CS	☆	☆	☆	☆	☆	50
		.039			.000	.000	.165							1.968
		1.00	15°		0.00	0.00	4.2	L123U3-0100-1500-CS	☆	☆	☆	☆	☆	50
		.039			.000	.000	.165							1.968
		1.50	5°		0.00	0.00	6.3	L123U3-0150-0500-CS	☆	☆	☆	☆	☆	100
		.059			.000	.000	.248							3.937
		1.50	10°		0.00	0.00	6.3	L123U3-0150-1000-CS	☆	☆	☆	☆	☆	100
		.059			.000	.000	.248							3.937
		1.50	15°		0.00	0.00	6.3	L123U3-0150-1500-CS	☆	☆	☆	☆	☆	100
		.059			.000	.000	.248							3.937
		2.00	5°		0.00	0.00	6.3	L123U3-0200-0500-CS	☆	☆	☆	☆	☆	100
		.079			.000	.000	.248							3.937
		2.00	10°		0.00	0.00	6.3	L123U3-0200-1000-CS	☆	☆	☆	☆	☆	100
		.079			.000	.000	.248							3.937
		2.00	15°		0.00	0.00	6.3	L123U3-0200-1500-CS	☆	☆	☆	☆	☆	100
		.079			.000	.000	.248							3.937
		1.00		5°	0.00	0.00	4.2	R123U3-0100-0500-CS	☆	☆	☆	☆	☆	50
		.039			.000	.000	.165							1.968
		1.00		10°	0.00	0.00	4.2	R123U3-0100-1000-CS	☆	☆	☆	☆	☆	50
		.039			.000	.000	.165							1.968
		1.00		15°	0.00	0.00	4.2	R123U3-0100-1500-CS	☆	☆	☆	☆	☆	50
		.039			.000	.000	.165							1.968
		1.50		5°	0.00	0.00	6.3	R123U3-0150-0500-CS	☆	☆	☆	☆	☆	100
		.059			.000	.000	.248							3.937
		1.50		10°	0.00	0.00	6.3	R123U3-0150-1000-CS	☆	☆	☆	☆	☆	100
		.059			.000	.000	.248							3.937
		1.50		15°	0.00	0.00	6.3	R123U3-0150-1500-CS	☆	☆	☆	☆	☆	100
		.059			.000	.000	.248							3.937
		2.00		5°	0.00	0.00	6.3	R123U3-0200-0500-CS	☆	☆	☆	☆	☆	100
		.079			.000	.000	.248							3.937
		2.00		10°	0.00	0.00	6.3	R123U3-0200-1000-CS	☆	☆	☆	☆	☆	100
		.079			.000	.000	.248							3.937
		2.00		15°	0.00	0.00	6.3	R123U3-0200-1500-CS	☆	☆	☆	☆	☆	100
		.079			.000	.000	.248							3.937

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

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

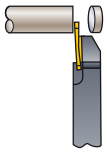
Tolerances:

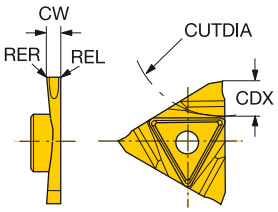
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123U3-CS	-0.10	0.00	-.0039	.0000	0.00	0.05	.0000	.0020
R123U3-CS	-0.10	0.00	-.0039	.0000	0.00	0.05	.0000	.0020

B118 B174 B182 B192 I5 I1 I25

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, inch CUTDIA
	T	1.00	0.00	0.00	4.3	N123T3-0100-0000-CS	☆	☆	☆	☆	☆	50
		.039	*.000*	*.000*	*.169*							*1.968*
		1.50	0.00	0.00	6.4	N123T3-0150-0000-CS	☆	☆	☆	☆	☆	100
		.059	*.000*	*.000*	*.252*							*3.937*
		2.00	0.00	0.00	6.4	N123T3-0200-0000-CS	☆	☆	☆	☆	☆	100
		.079	*.000*	*.000*	*.252*							*3.937*
	U	1.00	0.00	0.00	4.3	N123U3-0100-0000-CS	☆	☆	☆	☆	☆	50
		.039	*.000*	*.000*	*.169*							*1.968*
		1.50	0.00	0.00	6.4	N123U3-0150-0000-CS	☆	☆	☆	☆	☆	100
		.059	*.000*	*.000*	*.252*							*3.937*
		2.00	0.00	0.00	6.4	N123U3-0200-0000-CS	☆	☆	☆	☆	☆	100
		.079	*.000*	*.000*	*.252*							*3.937*

	SSC	CW	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	S 1125	Dimensions, mm, inch CUTDIA
	T	1.00	0.10	0.10	4.3	N123T3-0100-0001-CM	☆	☆	☆	☆	50
		.039	*.003*	*.003*	*.169*						*1.968*
		1.50	0.10	0.10	6.4	N123T3-0150-0001-CM	☆	☆	☆	☆	100
		.059	*.003*	*.003*	*.252*						*3.937*
		2.00	0.10	0.10	6.4	N123T3-0200-0001-CM	☆	☆	☆	☆	100
		.079	*.003*	*.003*	*.252*						*3.937*
	U	1.00	0.10	0.10	4.3	N123U3-0100-0001-CM	☆	☆	☆	☆	50
		.039	*.003*	*.003*	*.169*						*1.968*
		1.50	0.10	0.10	6.4	N123U3-0150-0001-CM	☆	☆	☆	☆	100
		.059	*.003*	*.003*	*.252*						*3.937*
		2.00	0.10	0.10	6.4	N123U3-0200-0001-CM	☆	☆	☆	☆	100
		.079	*.003*	*.003*	*.252*						*3.937*

SSC = To correspond with SSC on holder.

N = Neutral

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

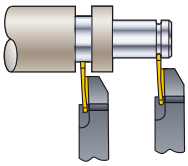
Tolerances:

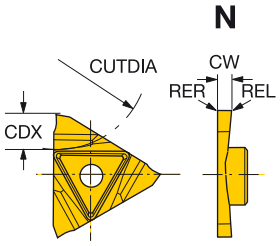
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123T3-CM	-0.03	0.03	-.0012	.0012	-0.05	0.05	-.0020	.0020
N123T3-CS	-0.05	0.03	-.0020	.0012	0.00	0.05	.0000	.0020
N123U3-CM	-0.03	0.03	-.0012	.0012	-0.05	0.05	-.0020	.0020
N123U3-CS	-0.05	0.03	-.0020	.0012	0.00	0.05	.0000	.0020

B118 B174 B182 B192 I1 I25

CoroCut® 3 insert for grooving

Grooving





	SSC	CW	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch CUTDIA
	T	0.50	0.00	0.00	1.5	N123T3-0050-0000-GS	☆	☆	☆	☆	☆	100
		.020	*.000*	*.000*	*.059*							*3.937*
		0.60	0.00	0.00	1.6	N123T3-0060-0000-GS	☆	☆	☆	☆	☆	100
		.024	*.000*	*.000*	*.063*							*3.937*
		0.70	0.00	0.00	1.7	N123T3-0070-0000-GS	☆	☆	☆	☆	☆	100
		.028	*.000*	*.000*	*.067*							*3.937*
		0.80	0.00	0.00	1.8	N123T3-0080-0000-GS	☆	☆	☆	☆	☆	100
		.031	*.000*	*.000*	*.071*							*3.937*
		0.90	0.00	0.00	2.0	N123T3-0090-0000-GS	☆	☆	☆	☆	☆	100
		.035	*.000*	*.000*	*.079*							*3.937*
		1.00	0.00	0.00	2.2	N123T3-0100-0000-GS	☆	☆	☆	☆	☆	100
		.039	*.000*	*.000*	*.087*							*3.937*
		1.20	0.00	0.00	2.3	N123T3-0120-0000-GS	☆	☆	☆	☆	☆	100
		.047	*.000*	*.000*	*.091*							*3.937*
		1.40	0.00	0.00	2.7	N123T3-0140-0000-GS	☆	☆	☆	☆	☆	100
		.055	*.000*	*.000*	*.106*							*3.937*
		1.50	0.00	0.00	3.0	N123T3-0150-0000-GS	☆	☆	☆	☆	☆	100
		.059	*.000*	*.000*	*.118*							*3.937*
		1.60	0.00	0.00	3.2	N123T3-0160-0000-GS	☆	☆	☆	☆	☆	100
		.063	*.000*	*.000*	*.126*							*3.937*
		1.70	0.00	0.00	3.3	N123T3-0170-0000-GS	☆	☆	☆	☆	☆	100
		.067	*.000*	*.000*	*.130*							*3.937*
		1.95	0.00	0.00	3.9	N123T3-0195-0000-GS	☆	☆	☆	☆	☆	100
		.077	*.000*	*.000*	*.154*							*3.937*
		2.00	0.00	0.00	4.0	N123T3-0200-0000-GS	☆	☆	☆	☆	☆	100
		.079	*.000*	*.000*	*.157*							*3.937*
		2.25	0.00	0.00	4.5	N123T3-0225-0000-GS	☆	☆	☆	☆	☆	100
		.089	*.000*	*.000*	*.177*							*3.937*
		2.50	0.00	0.00	5.0	N123T3-0250-0000-GS	☆	☆	☆	☆	☆	100
		.098	*.000*	*.000*	*.197*							*3.937*
		2.75	0.00	0.00	5.5	N123T3-0275-0000-GS	☆	☆	☆	☆	☆	100
		.108	*.000*	*.000*	*.217*							*3.937*
		3.00	0.00	0.00	6.0	N123T3-0300-0000-GS	☆	☆	☆	☆	☆	100
		.118	*.000*	*.000*	*.236*							*3.937*
		3.18	0.00	0.00	6.0	N123T3-0318-0000-GS	☆	☆	☆	☆	☆	100
		.125	*.000*	*.000*	*.236*							*3.937*

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

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

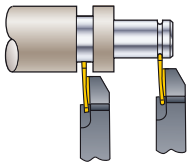
Tolerances:

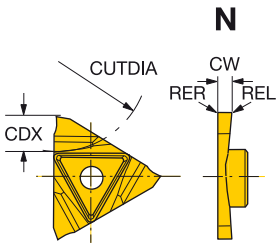
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123T3-GS	-0.02	0.02	-.0008	.0008	0.00	0.05	.0000	.0020

B118 B174 B182 B192 I5 I1 I25

CoroCut® 3 insert for grooving

Grooving





	SSC	CW	REL	RER	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch CUTDIA
	U	0.50	0.00	0.00	1.5	N123U3-0050-0000-GS	☆	☆	☆	☆	☆	100
		.020	*.000*	*.000*	*.059*							*3.937*
		0.60	0.00	0.00	1.6	N123U3-0060-0000-GS	☆	☆	☆	☆	☆	100
		.024	*.000*	*.000*	*.063*							*3.937*
		0.70	0.00	0.00	1.7	N123U3-0070-0000-GS	☆	☆	☆	☆	☆	100
		.028	*.000*	*.000*	*.067*							*3.937*
		0.80	0.00	0.00	1.8	N123U3-0080-0000-GS	☆	☆	☆	☆	☆	100
		.031	*.000*	*.000*	*.071*							*3.937*
		0.90	0.00	0.00	2.0	N123U3-0090-0000-GS	☆	☆	☆	☆	☆	100
		.035	*.000*	*.000*	*.079*							*3.937*
		1.00	0.00	0.00	2.2	N123U3-0100-0000-GS	☆	☆	☆	☆	☆	100
		.039	*.000*	*.000*	*.087*							*3.937*
		1.20	0.00	0.00	2.3	N123U3-0120-0000-GS	☆	☆	☆	☆	☆	100
		.047	*.000*	*.000*	*.091*							*3.937*
		1.40	0.00	0.00	2.7	N123U3-0140-0000-GS	☆	☆	☆	☆	☆	100
		.055	*.000*	*.000*	*.106*							*3.937*
		1.50	0.00	0.00	3.0	N123U3-0150-0000-GS	☆	☆	☆	☆	☆	100
		.059	*.000*	*.000*	*.118*							*3.937*
		1.60	0.00	0.00	3.2	N123U3-0160-0000-GS	☆	☆	☆	☆	☆	100
		.063	*.000*	*.000*	*.126*							*3.937*
		1.70	0.00	0.00	3.3	N123U3-0170-0000-GS	☆	☆	☆	☆	☆	100
		.067	*.000*	*.000*	*.130*							*3.937*
		1.95	0.00	0.00	3.9	N123U3-0195-0000-GS	☆	☆	☆	☆	☆	100
		.077	*.000*	*.000*	*.154*							*3.937*
		2.00	0.00	0.00	4.0	N123U3-0200-0000-GS	☆	☆	☆	☆	☆	100
		.079	*.000*	*.000*	*.157*							*3.937*
		2.25	0.00	0.00	4.5	N123U3-0225-0000-GS	☆	☆	☆	☆	☆	100
		.089	*.000*	*.000*	*.177*							*3.937*
		2.50	0.00	0.00	5.0	N123U3-0250-0000-GS	☆	☆	☆	☆	☆	100
		.098	*.000*	*.000*	*.197*							*3.937*
		2.75	0.00	0.00	5.5	N123U3-0275-0000-GS	☆	☆	☆	☆	☆	100
		.108	*.000*	*.000*	*.217*							*3.937*
		3.00	0.00	0.00	6.0	N123U3-0300-0000-GS	☆	☆	☆	☆	☆	100
		.118	*.000*	*.000*	*.236*							*3.937*
		3.18	0.00	0.00	6.0	N123U3-0318-0000-GS	☆	☆	☆	☆	☆	100
		.125	*.000*	*.000*	*.236*							*3.937*

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

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

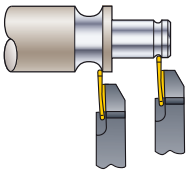
Tolerances:

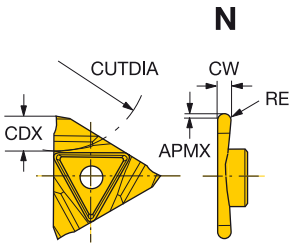
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123U3-GS	-0.02	0.02	-.0008	.0008	0.00	0.05	.0000	.0020

B118 B174 B182 B192 I5 I1 I25

CoroCut® 3 insert for profiling

Grooving/Profiling





SSC	CW	RE	CDX	Ordering code	P 1125	M 1125	K 1125	N 1125	S 1125	Dimensions, mm, inch APMX	CUTDIA
T	0.50	0.25	1.5	N123T3-0050-RS	☆	☆	☆	☆	☆	0.3	100
	.020	*.010*	*.059*							*.012*	*3.937*
	0.80	0.40	1.8	N123T3-0080-RS	☆	☆	☆	☆	☆	0.5	100
	.031	*.016*	*.071*							*.020*	*3.937*
	1.00	0.50	2.2	N123T3-0100-RS	☆	☆	☆	☆	☆	0.5	100
	.039	*.020*	*.087*							*.020*	*3.937*
	1.50	0.75	3.3	N123T3-0150-RS	☆	☆	☆	☆	☆	0.5	100
	.059	*.030*	*.130*							*.020*	*3.937*
	2.00	1.00	4.0	N123T3-0200-RS	☆	☆	☆	☆	☆	1.0	100
	.079	*.039*	*.157*							*.039*	*3.937*
	2.50	1.25	5.0	N123T3-0250-RS	☆	☆	☆	☆	☆	1.0	100
	.098	*.049*	*.197*							*.039*	*3.937*
	3.00	1.50	6.0	N123T3-0300-RS	☆	☆	☆	☆	☆	1.0	100
	.118	*.059*	*.236*							*.039*	*3.937*
U	0.50	0.25	1.5	N123U3-0050-RS	☆	☆	☆	☆	☆	0.3	100
	.020	*.010*	*.059*							*.012*	*3.937*
	0.80	0.40	1.8	N123U3-0080-RS	☆	☆	☆	☆	☆	0.5	100
	.031	*.016*	*.071*							*.020*	*3.937*
	1.00	0.50	2.2	N123U3-0100-RS	☆	☆	☆	☆	☆	0.5	100
	.039	*.020*	*.087*							*.020*	*3.937*
	1.50	0.75	3.3	N123U3-0150-RS	☆	☆	☆	☆	☆	0.5	100
	.059	*.030*	*.130*							*.020*	*3.937*
	2.00	1.00	4.0	N123U3-0200-RS	☆	☆	☆	☆	☆	1.0	100
	.079	*.039*	*.157*							*.039*	*3.937*
	2.50	1.25	5.0	N123U3-0250-RS	☆	☆	☆	☆	☆	1.0	100
	.098	*.049*	*.197*							*.039*	*3.937*
	3.00	1.50	6.0	N123U3-0300-RS	☆	☆	☆	☆	☆	1.0	100
	.118	*.059*	*.236*							*.039*	*3.937*

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

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

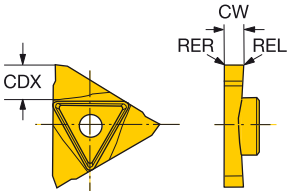
Tolerances:

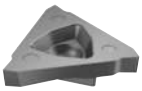
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123T3-RS	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020
N123U3-RS	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020

B118 B174 B182 B192 I5 I1 I25

CoroCut® 3 carbide blank

Blanks





SSC	CW	REL	RER	CDX	Ordering code	P H10F	M H10F	K H10F	N H10F
T	3.40	0.00	0.00	6.4	N123T3-0340-BG	☆	☆	☆	☆
	.134	*.000*	*.000*	*.252*					
U	3.40	0.00	0.00	6.4	N123U3-0340-BG	☆	☆	☆	☆
	.134	*.000*	*.000*	*.252*					

N = Neutral

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

Tolerances:

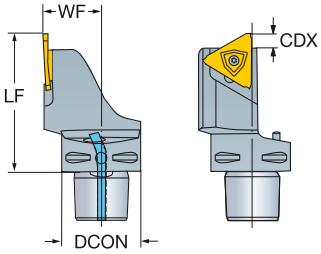
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123T3-BG	-0.05	0.05	-.0020	.0020	0.00	0.00	.0000	.0000
N123U3-BG	-0.05	0.05	-.0020	.0020	0.00	0.00	.0000	.0000

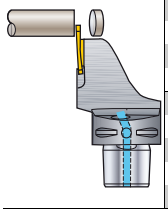
B174 B182 B192 I5 I1 I25

CoroCut® 3 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply





SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
						Dimensions, mm, inch							
T	C3	6.4	45.0	1	**C3-RF123T06-22045BM**	32	45.0	22.0	0.0	10	3.0	0.2	N123T3-0150- CM
		.250	*1.772*			*1.260*	*1.772*	*.866*	*.000*	*145*			
	C4	6.4	60.0	1	**C4-RF123T06-27060BM**	40	60.0	27.0	0.0	10	3.0	0.4	N123T3-0150- CM
		.250	*2.362*			*1.575*	*2.362*	*1.063*	*.000*	*145*			
U	C3	6.4	45.0	1	**C3-LF123U06-22045BM**	32	45.0	22.0	0.0	10	3.0	0.2	N123U3-0150- CM
		.250	*1.772*			*1.260*	*1.772*	*.866*	*.000*	*145*			
	C4	6.4	60.0	1	**C4-LF123U06-27060BM**	40	60.0	27.0	0.0	10	3.0	0.4	N123U3-0150- CM
		.250	*2.362*			*1.575*	*2.362*	*1.063*	*.000*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

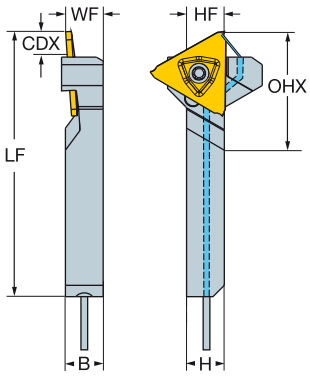
T = Right hand cutting insert, U = Left hand cutting insert.

B6 I1 F16 I38 I31

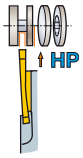
CoroCut® 3 QS shank tool for parting and grooving

Screw clamp design

High precision coolant supply

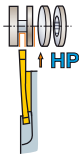


Metric version



SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	Nm	Kg	MIID
T	10 x 10	6	23	1	QS-RF123T06-1010BHP	10	10	70	10	10	80	3.0	0.05	N123T3-0150- CM
	12 x 12	6	23	1	QS-RF123T06-1212BHP	12	12	70	12	12	80	3.0	0.06	N123T3-0150- CM
	16 x 16	6	23	1	QS-RF123T06-1616BHP	16	16	70	16	16	80	3.0	0.15	N123T3-0150- CM
U	10 x 10	6	23	1	QS-LF123U06-1010BHP	10	10	70	10	10	80	3.0	0.11	N123U3-0150- CM
	12 x 12	6	23	1	QS-LF123U06-1212BHP	12	12	70	12	12	80	3.0	0.05	N123U3-0150- CM
	16 x 16	6	23	1	QS-LF123U06-1616BHP	16	16	70	16	16	80	3.0	0.06	N123U3-0150- CM

Inch version



SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	Ft/lbs	Lbs	MIID
U	3/8 x 3/8	.252	.787	1	QS-LF123U023-06BHP	.375	.375	2.750	.375	.500	1160	2.2	.33	N123U3-0150- CM
	1/2 x 1/2	.250	.787	1	QS-LF123U023-08BHP	.500	.500	2.750	.500	.500	1160	2.2	.44	N123U3-0150- CM
	5/8 x 5/8	.250	.787	1	QS-LF123U023-10BHP	.625	.625	2.750	.625	.625	1160	2.2	.44	N123U3-0150- CM
T	3/8 x 3/8	.250	.787	1	QS-RF123T023-06BHP	.375	.375	2.750	.375	.375	1160	2.2	.10	N123T3-0150- CM
	1/2 x 1/2	.250	.787	1	QS-RF123T023-08BHP	.500	.500	2.750	.500	.500	1160	2.2	.15	N123T3-0150- CM
	5/8 x 5/8	.250	.787	1	QS-RF123T023-10BHP	.625	.625	2.750	.625	.625	1160	2.2	.24	N123T3-0150- CM

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

R = Right hand, L = Left hand


B6

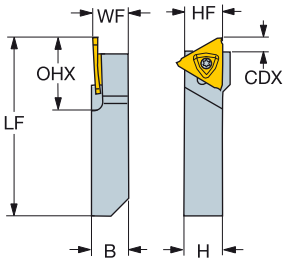
I1


H10

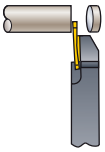
I38

CoroCut® 3 QS shank tool for parting and grooving

Screw clamp design

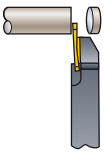


Metric version



SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
T	10 x 10	6	20	0	QS-RF123T06-1010B	10	10	70	10	10	3.0	0.05	N123T3-0150- CM
	12 x 12	6	20	0	QS-RF123T06-1212B	12	12	70	12	12	3.0	0.06	N123T3-0150- CM
	16 x 16	6	20	0	QS-RF123T06-1616B	16	16	70	16	16	3.0	0.14	N123T3-0150- CM
U	10 x 10	6	23	0	QS-LF123U06-1010B	10	10	70	10	10	3.0	0.05	N123U3-0150- CM
	12 x 12	6	23	0	QS-LF123U06-1212B	12	12	70	12	12	3.0	0.06	N123U3-0150- CM
	16 x 16	6	23	0	QS-LF123U06-1616B	16	16	70	16	16	3.0	0.14	N123U3-0150- CM

Inch version



SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
U	3/8 x 3/8	.252	.787	0	QS-LF123U023-06B	.375	.375	2.750	.375	.500	2.2	.44	N123U3-0150- CM
	1/2 x 1/2	.250	.787	0	QS-LF123U023-08B	.500	.500	2.750	.500	.500	2.2	.44	N123U3-0150- CM
	5/8 x 5/8	.250	.787	0	QS-LF123U023-10B	.625	.625	2.750	.625	.625	2.2	.24	N123U3-0150- CM
T	3/8 x 3/8	.250	.787	0	QS-RF123T023-06B	.375	.375	2.750	.375	.375	2.2	.10	N123T3-0150- CM
	1/2 x 1/2	.250	.787	0	QS-RF123T023-08B	.500	.500	2.750	.500	.500	2.2	.15	N123T3-0150- CM
	5/8 x 5/8	.250	.787	0	QS-RF123T023-10B	.625	.625	2.750	.625	.625	2.2	.24	N123T3-0150- CM

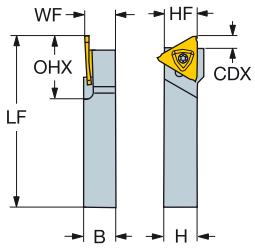
SSC = To correspond with SSC on insert.
T = Right hand cutting insert, U = Left hand cutting insert.

R = Right hand, L = Left hand

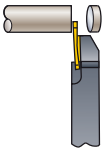
B6 I1 H10 I38

CoroCut® 3 shank tool for parting and grooving

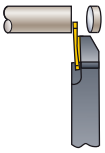
Screw clamp design



Metric version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	T	10 x 10	6	23	0	RF123T06-1010BM	10	10	125	10	10	3.0	0.13	N123T3-0150- CM
		12 x 12	6	23	0	RF123T06-1212BM	12	12	125	12	12	3.0	0.17	N123T3-0150- CM
		16 x 16	6	23	0	RF123T06-1616BM	16	16	125	16	16	3.0	0.26	N123T3-0150- CM
		20 x 20	6	23	0	RF123T06-2020BM	20	20	125	20	20	3.0	0.39	N123T3-0150- CM
		25 x 25	6	23	0	RF123T06-2525BM	25	25	150	25	25	3.0	0.71	N123T3-0150- CM
		32 x 32	6	23	0	RF123T06-3232BM	32	32	170	32	32	3.0	1.31	N123T3-0150- CM
	U	10 x 10	6	23	0	LF123U06-1010BM	10	10	125	10	10	3.0	0.13	N123U3-0150- CM
		12 x 12	6	23	0	LF123U06-1212BM	12	12	125	12	12	3.0	0.16	N123U3-0150- CM
		16 x 16	6	23	0	LF123U06-1616BM	16	16	125	16	16	3.0	0.26	N123U3-0150- CM
		20 x 20	6	23	0	LF123U06-2020BM	20	20	125	20	20	3.0	0.39	N123U3-0150- CM
		25 x 25	6	23	0	LF123U06-2525BM	25	25	150	25	25	3.0	0.71	N123U3-0150- CM
		32 x 32	6	23	0	LF123U06-3232BM	32	32	170	32	32	3.0	1.31	N123U3-0150- CM

Inch version

	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
	U	3/8 x 3/8	.252	.906	0	LF123U023-06BM	.375	.375	4.500	.375	.375	2.2	.22	N123U3-0150- CM
		1/2 x 1/2	.252	.906	0	LF123U023-08BM	.500	.500	4.500	.500	.500	2.2	.29	N123U3-0150- CM
		5/8 x 5/8	.252	.906	0	LF123U023-10BM	.625	.625	4.500	.625	.625	2.2	.48	N123U3-0150- CM
		3/4 x 3/4	.252	.906	0	LF123U023-12BM	.750	.750	4.500	.750	.750	2.2	.66	N123U3-0150- CM
		1 x 1	.252	.906	0	LF123U023-16BM	1.000	1.000	5.000	1.000	1.000	2.2	1.21	N123U3-0150- CM
		1 1/4 x 1 1/4	.252	.906	0	LF123U023-20BM	1.250	1.250	6.000	1.250	1.250	2.2	2.46	N123U3-0150- CM
	T	3/8 x 3/8	.252	.906	0	RF123T023-06BM	.375	.375	4.500	.375	.375	2.2	.13	N123T3-0150- CM
		1/2 x 1/2	.252	.906	0	RF123T023-08BM	.500	.500	4.500	.500	.500	2.2	.04	N123T3-0150- CM
		5/8 x 5/8	.252	.906	0	RF123T023-10BM	.625	.625	4.500	.625	.625	2.2	.45	N123T3-0150- CM
		3/4 x 3/4	.252	.906	0	RF123T023-12BM	.750	.750	4.500	.750	.750	2.2	.66	N123T3-0150- CM
		1 x 1	.252	.906	0	RF123T023-16BM	1.000	1.000	5.000	1.000	1.000	2.2	.46	N123T3-0150- CM
		1 1/4 x 1 1/4	.252	.906	0	RF123T023-20BM	1.250	1.250	6.000	1.250	1.250	2.2	2.55	N123T3-0150- CM

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

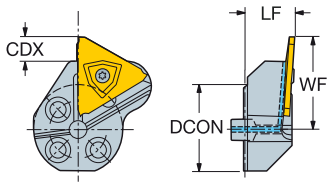
R = Right hand, L = Left hand

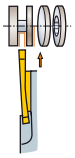
B6 I1 F16 I38 I31

CoroCut® 3 head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



	SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
	T	25	6.4	14.0	1	**570-25L123T06B**	25	14.0	26.0	0.0	10	3.0	0.1	N123T3-0150- CM
			.250	*.551*			*.984*	*.551*	*1.024*	*.000*	*145*			
		32	6.4	14.0	1	**570-32L123T06B**	32	14.0	28.5	0.0	10	3.0	0.1	N123T3-0150- CM
			.250	*.551*			*1.260*	*.551*	*1.122*	*.000*	*145*			
		40	6.4	14.0	1	**570-40L123T06B**	40	14.0	32.5	0.0	10	3.0	0.2	N123T3-0150- CM
			.250	*.551*			*1.575*	*.551*	*1.280*	*.000*	*145*			
	U	25	6.4	14.0	1	**570-25R123U06B**	25	14.0	26.0	0.0	10	3.0	0.1	N123U3-0150- CM
			.250	*.551*			*.984*	*.551*	*1.024*	*.000*	*145*			
		32	6.4	14.0	1	**570-32R123U06B**	32	14.0	28.5	0.0	10	3.0	0.1	N123U3-0150- CM
			.250	*.551*			*1.260*	*.551*	*1.122*	*.000*	*145*			
		40	6.4	14.0	1	**570-40R123U06B**	40	14.0	32.5	0.0	10	3.0	0.2	N123U3-0150- CM
			.250	*.551*			*1.575*	*.551*	*1.280*	*.000*	*145*			

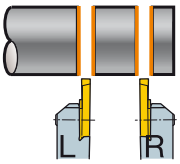
SSC = To correspond with SSC on insert.
T = Right hand cutting insert, U = Left hand cutting insert.

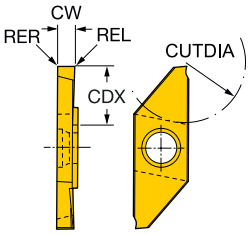
R = Right hand, L = Left hand

 B6
ISO 13399 I1
 G1
CNSC CXSC I38

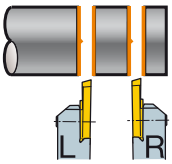
CoroCut® XS insert for parting

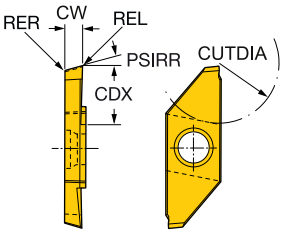
Parting off





	SSC	CW	REL	RER	CDX	Ordering code	P 1025	P 1105	M 1025	M 1105	N 1025	N 1105	S 1025	S 1105	Dimensions, mm, inch CUTDIA
	3	0.70	0.05	0.05	4.3	MACR/L 3 070-N	☆	☆	☆		☆	☆	☆	☆	8
		.028	.001	.001	.169										.314
		1.00	0.05	0.05	6.3	MACR/L 3 100-N	☆	☆	☆	☆	☆	☆	☆	☆	12
		.039	.001	.001	.248										.472
		1.50	0.05	0.05	6.3	MACR/L 3 150-N	☆	☆	☆	☆	☆	☆	☆	☆	12
		.059	.001	.001	.248										.472
		2.00	0.05	0.05	8.5	MACR/L 3 200-N	☆	☆	☆	☆	☆	☆	☆	☆	16
		.079	.001	.001	.335										.629





	SSC	CW	PSIRR	REL	RER	CDX	Ordering code	P 1025	M 1025	N 1025	N H13A	S 1025	S H13A	Dimensions, mm, inch CUTDIA
	3	0.70	15°	0.05	0.05	4.3	MACR/L 3 070-R	☆	☆	☆		☆		8
		.028		.001	.001	.169								.314
		1.00	15°	0.05	0.05	6.3	MACR/L 3 100-R	☆	☆	☆	☆	☆	☆	12
		.039		.001	.001	.248								.472
		1.50	15°	0.05	0.05	6.3	MACR/L 3 150-R	☆	☆	☆	☆	☆	☆	12
		.059		.001	.001	.248								.472
		1.50	20°	0.05	0.05	6.3	MACR/L 3 150-R20	☆	☆	☆		☆		12
		.059		.001	.001	.248								.472
		2.00	15°	0.05	0.05	8.5	MACR/L 3 200-R	☆	☆	☆	☆	☆	☆	16
		.079		.001	.001	.335								.629
		2.00	20°	0.05	0.05	8.5	MACR/L 3 200-R20	☆	☆	☆		☆		16
		.079		.001	.001	.335								.629

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

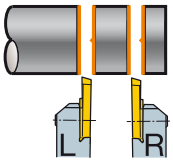
Tolerances:

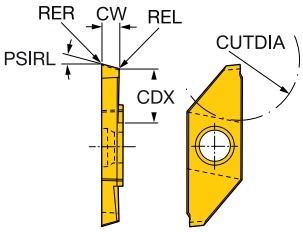
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MACR/L-N	-0.02	0.02	-.0008	.0008	-0.03	0.03	-.0012	.0012
MACR/L-R	-0.02	0.02	-.0008	.0008	-0.03	0.03	-.0012	.0012
MACR/L-R20	-0.02	0.02	-.0008	.0008	-0.03	0.03	-.0012	.0012

B128 B172 B192 I1 I29

CoroCut® XS insert for parting

Parting off





SSC	CW	PSIRL	REL	RER	CDX	Ordering code	P 1025	P 1105	M 1025	M 1105	N 1025	N 1105	S 1025	S 1105	Dimensions, mm, inch CUTDIA
3	0.70	15°	0.05	0.05	4.3	**MACR/L 3 070-L**	☆	☆	☆		☆	☆	☆	☆	8
	.028		*.001*	*.001*	*.169*										*.314*
	1.00	15°	0.05	0.05	6.3	**MACR/L 3 100-L**	☆	☆	☆	☆	☆	☆	☆	☆	12
	.039		*.001*	*.001*	*.248*										*.472*
	1.50	15°	0.05	0.05	6.3	**MACR/L 3 150-L**	☆	☆	☆	☆	☆	☆	☆	☆	12
	.059		*.001*	*.001*	*.248*										*.472*
	2.00	15°	0.05	0.05	8.5	**MACR/L 3 200-L**	☆	☆	☆	☆	☆	☆	☆	☆	16
	.079		*.001*	*.001*	*.335*										*.629*

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

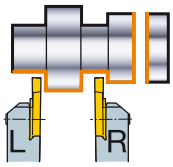
Tolerances:

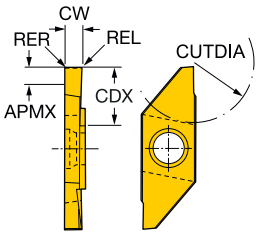
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MACR/L-L	-0.02	0.02	-.0008	.0008	-0.03	0.03	-.0012	.0012

B128 I1 I29

CoroCut® XS insert for parting

Parting off





	SSC	CW	REL	RER	CDX	Ordering code	P 1025	P 1105	M 1025	M 1105	N 1025	N 1105	S 1025	S 1105	Dimensions, mm, inch APMX	CUTDIA
	3	1.00	0.05	0.05	6.3	**MACR/L 3 100-T**	☆	☆	☆	☆	☆	☆	☆	☆	1.5	12
		.039	*.001*	*.001*	*.248*										*.059*	*.472*
		1.50	0.05	0.05	6.3	**MACR/L 3 150-T**	☆	☆	☆	☆	☆	☆	☆	☆	1.5	12
		.059	*.001*	*.001*	*.248*										*.059*	*.472*
		2.00	0.05	0.05	8.2	**MACR/L 3 200-T**	☆	☆	☆	☆	☆	☆	☆	☆	3.0	16
		.079	*.001*	*.001*	*.323*										*.118*	*.629*
		2.50	0.05	0.05	8.2	**MACR/L 3 250-T**	☆	☆	☆	☆	☆	☆	☆	☆	3.0	16
		.098	*.001*	*.001*	*.323*										*.118*	*.629*

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

Tolerances:

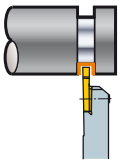
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MACR/L-T	-0.02	0.02	-.0008	.0008	-0.03	0.03	-.0012	.0012

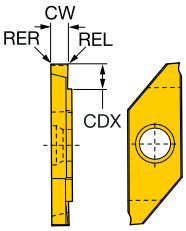
B128 I1 I29

CoroCut® XS insert for grooving

B

Grooving

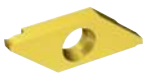




C

D

E

	SSC	CW	REL	RER	CDX	Ordering code	P 1025	M 1025	N 1025	N H13A	S 1025	S H13A
	3	0.50	0.05	0.05	1.3	MAGR/L 3 050	☆	☆	☆	☆	☆	☆
		.020	*.001*	*.001*	*.051*							
		0.75	0.05	0.05	2.5	MAGR/L 3 075	☆	☆	☆	☆	☆	☆
		.030	*.001*	*.001*	*.098*							
		1.00	0.05	0.05	2.7	MAGR/L 3 100	☆	☆	☆	☆	☆	☆
		.039	*.001*	*.001*	*.106*							
		1.25	0.05	0.05	2.7	MAGR/L 3 125	☆	☆	☆	☆	☆	☆
		.049	*.001*	*.001*	*.106*							
		1.50	0.05	0.05	3.7	MAGR/L 3 150	☆	☆	☆	☆	☆	☆
		.059	*.001*	*.001*	*.146*							
		1.75	0.05	0.05	3.7	MAGR/L 3 175	☆	☆	☆	☆	☆	☆
		.069	*.001*	*.001*	*.146*							
		2.00	0.05	0.05	3.7	MAGR/L 3 200	☆	☆	☆	☆	☆	☆
		.079	*.001*	*.001*	*.146*							
		2.50	0.05	0.05	3.7	MAGR/L 3 250	☆	☆	☆	☆	☆	☆
		.098	*.001*	*.001*	*.146*							

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MAGR/L	-0.03	0.03	-.0010	.0010	-0.02	0.02	-.0008	.0008

F

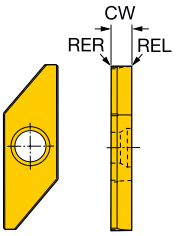
G

H

I

B128 B172 B192 I1 I29

CoroCut® XS carbide blank



	SSC	CW	Ordering code	P H10	M H10	K H10	N H10	S H10
	3	3.18	**MAXL 3 300**	☆	☆	☆	☆	
		.125						
		3.18	**MAXR 3 300**	☆	☆	☆	☆	☆
		.125						

SSC = To correspond with SSC on holder.

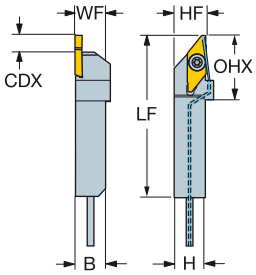
R = Right hand, L = Left hand

B172 B192 I1 I29

CoroCut® XS QS shank tool for parting and grooving

For Sliding head machines

With high precision coolant



Metric version

SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	CP Bar	Nm	Kg	MIID
3	10 x 12	8.5	28	1	**QS-SMALR/L1012E3HP**	12	10	70	10	0	80	1.2	0.0	MACL 3 200-N
	12 x 12	8.5	28	1	**QS-SMALR/L1212E3HP**	12	12	70	12	0	80	1.2	0.1	MACR 3 200-N
	16 x 16	8.5	28	1	**QS-SMALR/L1616E3HP**	16	16	70	16	0	80	1.2	0.1	MACR 3 200-N

Inch version

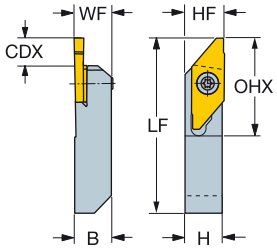
SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CP PSI	Ft/lbs	Lbs	MIID
3	3/8 x 1/2	.335	1.102	1	**QS-SMALR/L06083XHP**	.500	.375	2.756	.375	.000	435	0.9	.09	MACL 3 200-N
	1/2 x 1/2	.335	1.102	1	**QS-SMALR/L083XHP**	.500	.500	2.756	.500	.000	435	0.9	.14	MACL 3 200-N
	5/8 x 5/8	.335	1.102	1	**QS-SMALR/L103XHP**	.625	.625	2.756	.625	.000	435	0.9	.24	MACL 3 200-N

R = Right hand, L = Left hand

B123 I1 H10 I38

CoroCut® XS QS shank tool for parting and grooving

For Sliding head machines



Metric version

SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
3	10 x 10	8.5	27	0	**QS-SMALR/L 1010E3**	10	10	70	10	10	1.2	0.0	MACL 3 200-N
	12 x 12	8.5	27	0	**QS-SMALR/L 1212E3**	12	12	70	12	12	1.2	0.1	MACL 3 200-N
	16 x 16	8.5	27	0	**QS-SMALR/L 1616E3**	16	16	70	16	16	1.2	0.1	MACL 3 200-N

Inch version

SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
3	1/2 x 1/2	.335	1.063	0	**QS-SMALR 083X**	.500	.500	2.756	.500	.000	0.9	.13	MACR 3 200-N
	5/8 x 5/8	.335	1.063	0	**QS-SMALR 103X**	.625	.625	2.756	.625	.000	0.9	.24	MACR 3 200-N

SSC = To correspond with SSC on insert.

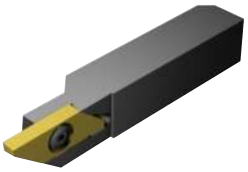
R = Right hand, L = Left hand

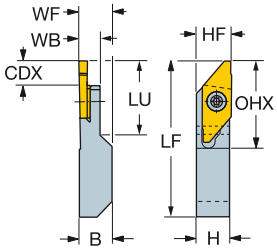
B123 I1 H10 I38

CoroCut® XS QS shank tool for parting and grooving

For Sliding head machines

For sub spindle parting off





Metric version

SSC	CZC_{MS}	CDX	OHX	LU	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	WB	HF	Nm	Kg	MIID
3	10 x 10	8.5	27	20	0	**QS-SMALR 1010E-X**	10	10	70	10	7	10	1.2	0.0	MACR 3 200-N
	12 x 12	8.5	27	20	0	**QS-SMALR 1212E-X**	12	12	70	12	7	12	1.2	0.1	MACR 3 200-N

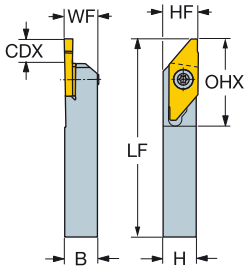
Inch version

SSC	CZC_{MS}	CDX	OHX	LU	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	WB	HF	Ft/lbs	Lbs	MIID
3	1/2 x 1/2	.335	1.063	.787	0	**QS-SMALR 083X-X**	.500	.500	2.756	.500	.488	.000	0.9	.13	MACR 3 200-N

SSC = To correspond with SSC on insert. R = Right hand

B123 I1 H10 I38

CoroCut® XS shank tool for parting and grooving



Metric version

SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
3	10 x 10	8.5	27	0	**SMALR/L 1010K 3**	10	10	125	10	10	1.2	0.1	MACL 3 200-N
	12 x 12	8.5	27	0	**SMALR/L 1212K 3**	12	12	125	12	12	1.2	0.2	MACL 3 200-N
	16 x 16	8.5	27	0	**SMALR/L 1616K 3**	16	16	125	16	16	1.2	0.4	MACL 3 200-N

Inch version

SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
3	1/2 x 1/2	.335	1.063	0	**SMALR/L 08C3**	.500	.500	5.000	.500	.500	0.9	.42	MACR 3 200-N
	5/8 x 5/8	.335	1.063	0	**SMALR/L 10C3**	.625	.625	5.000	.625	.625	0.9	.59	MACL 3 200-N

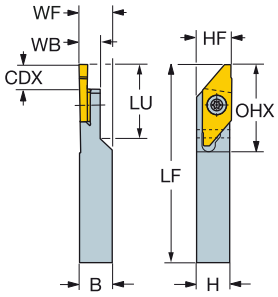
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

B123 I1 F16 I38 I29

CoroCut® XS shank tool for parting and grooving

For sub spindle parting off



Metric version

SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	WB	HF	Nm	Kg	MIID
3	10 x 10	8.5	27	0	**SMALR 1010K 3-X**	10	10	125	10	7	10	1.2	0.1	MACR 3 200-N
	12 x 12	8.5	27	0	**SMALR 1212K 3-X**	12	12	125	12	7	12	1.2	0.2	MACR 3 200-N

Inch version

SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	WB	HF	Ft/lbs	Lbs	MIID
3	1/2 x 1/2	.335	1.063	0	**SMALR 08C 3-X**	.500	.500	5.000	.500	.295	.500	0.9	.41	MACR 3 200-N

SSC = To correspond with SSC on insert.

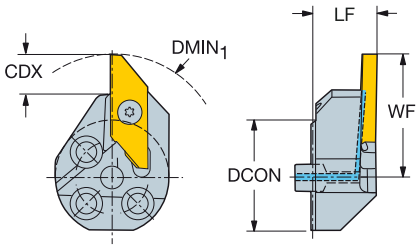
R = Right hand, L = Left hand

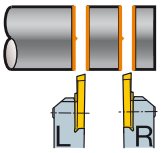
B123 I1 F16 I38 I29

CoroCut® XS head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



	SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
	3	25	8.2	42.0	14.0	1	570-25R/LSMAL3	25	14.0	26.8	0.0	10	1.2	0.1	MACL 3 200-N
			.323	*1.654*	*.551*			*.984*	*.551*	*1.055*	*.000*	*145*			
		32	8.2	50.0	14.0	1	570-32R/LSMAL3	32	14.0	30.5	0.0	10	1.2	0.1	MACL 3 200-N
			.323	*1.969*	*.551*			*1.260*	*.551*	*1.201*	*.000*	*145*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand


B123

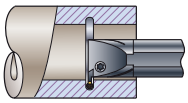

I1

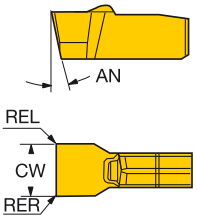

G1


I38

T-Max® Q-Cut insert for grooving

Internal grooving





SSC	CW	REL	RER	Ordering code	P 1125	P 1145	P 2135	P 235	M 1125	M 1145	M 2135	M 235	M H13A	K 1125	K H13A	N 1125	N H13A	S 1125	S 2135	S H13A	Dimensions, mm, inch AN
20	2.00	0.20	0.20	N151.3-200-20-4G	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	11°
	.079	.007	.007																		
	1.98	0.17	0.17	N151.3-A078-20-4G		☆		☆		☆		☆	☆		☆		☆			☆	11°
	.078	.007	.007																		
	2.24	0.17	0.17	N151.3-A088-20-4G		☆		☆		☆		☆	☆		☆		☆			☆	11°
	.088	.007	.007																		
25	2.39	0.17	0.17	N151.3-A094-25-4G	☆	☆		☆	☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	11°
	.094	.007	.007																		
	2.46	0.33	0.33	N151.3-A097-25-4G	☆	☆		☆	☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	11°
	.097	.012	.012																		
	2.67	0.17	0.17	N151.3-A105-25-4G		☆		☆		☆		☆	☆		☆		☆			☆	11°
	.105	.007	.007																		
	2.79	0.33	0.33	N151.3-A110-25-4G	☆	☆		☆	☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	11°
	.110	.012	.012																		
30	3.00	0.20	0.20	N151.3-300-30-4G	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	11°
	.118	.007	.007																		
	3.10	0.17	0.17	N151.3-A122-30-4G		☆		☆		☆		☆									11°
	.122	.007	.007																		
	3.18	0.17	0.17	N151.3-A125-30-4G	☆	☆		☆	☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	11°
	.125	.007	.007																		
	3.61	0.33	0.33	N151.3-A142-30-4G	☆			☆	☆			☆	☆	☆	☆	☆	☆	☆		☆	11°
	.142	.012	.012																		
40	4.00	0.20	0.20	N151.3-400-40-4G	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	11°
	.157	.007	.007																		
	3.96	0.17	0.17	N151.3-A156-40-4G		☆		☆		☆		☆	☆		☆		☆			☆	11°
	.156	.007	.007																		
	4.52	0.17	0.17	N151.3-A178-40-4G		☆		☆		☆		☆									11°
	.178	.007	.007																		
	4.70	0.55	0.55	N151.3-A185-40-4G	☆			☆	☆			☆		☆		☆		☆			11°
	.185	.022	.022																		
	4.80	0.55	0.55	N151.3-A189-40-4G	☆	☆		☆	☆	☆		☆	☆	☆	☆	☆	☆	☆		☆	11°
	.189	.022	.022																		
50	5.00	0.20	0.20	N151.3-500-50-4G	☆		☆	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	11°
	.197	.007	.007																		
	5.41	0.17	0.17	N151.3-A213-50-4G				☆				☆									11°
	.213	.007	.007																		
	5.56	0.55	0.55	N151.3-A219-50-4G									☆		☆		☆			☆	11°
	.219	.022	.022																		
60	6.00	0.20	0.20	N151.3-600-60-4G	☆			☆	☆			☆		☆		☆		☆			9°
	.236	.007	.007																		
	8.00	0.20	0.20	N151.3-800-60-4G		☆		☆		☆		☆	☆		☆		☆			☆	9°
	.315	.007	.007																		
	6.35	0.55	0.55	N151.3-A250-60-4G									☆		☆		☆			☆	9°
	.250	.022	.022																		
	7.93	0.83	0.83	N151.3-A312-60-4G									☆		☆		☆			☆	9°
	.312	.032	.032																		

SSC = To correspond with SSC on holder.

N = Neutral

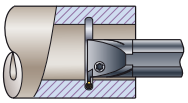
Tolerances:

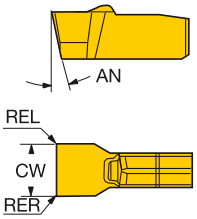
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N151.3-4G	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020
N151.3-A..-4G	-0.02	0.02	-.0008	.0008	-0.05	0.05	-.0020	.0020

B138 B144 B174 B182 B192 I5 I1 I29

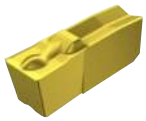
T-Max® Q-Cut insert for grooving

Internal grooving





For circlip grooves

	SSC	CW	REL	RER	Ordering code	P 1125	P 1145	P 235	M 1125	M 1145	M 235	M H13A	K 1125	K H13A	N 1125	N H13A	S 1125	S H13A	Dimensions, mm, inch AN
	20	1.85	0.10	0.10	**N151.3-185-20-4G**	☆		☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	11°
		.073	*.003*	*.003*															
		2.15	0.15	0.15	**N151.3-215-20-4G**	☆	☆	☆	☆	☆	☆		☆		☆		☆		11°
		.085	*.005*	*.005*															
	25	2.65	0.15	0.15	**N151.3-265-25-4G**	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	11°
		.104	*.005*	*.005*															
	30	3.15	0.15	0.15	**N151.3-315-30-4G**		☆	☆		☆	☆	☆		☆		☆		☆	11°
		.124	*.005*	*.005*															
	40	4.15	0.15	0.15	**N151.3-415-40-4G**		☆	☆		☆	☆	☆		☆		☆		☆	11°
		.163	*.005*	*.005*															
	50	5.15	0.15	0.15	**N151.3-515-50-4G**			☆			☆								11°
		.203	*.005*	*.005*															

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

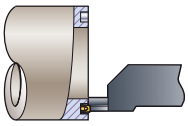
Tolerances:

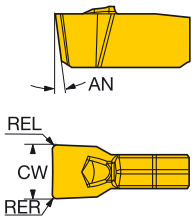
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N151.3-4G (CIRCLIP)	0.09	0.13	.0035	.0051	-0.05	0.05	-.0020	.0020

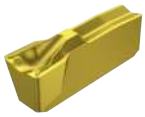
B138 B144 B182 B182 B192 I5 I1

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 235	P 3020	M 1125	M 1145	M 2135	M 235	K 1125	K 3020	N 1125	S 1125	S 2135	Dimensions, mm, inch AN
25	3.00	0.30	0.30	N151.3-300-25-7G	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	11°
	.118	*.011*	*.011*																
30	4.00	0.40	0.40	N151.3-400-30-7G	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	11°
	.157	*.015*	*.015*																
40	5.00	0.40	0.40	N151.3-500-40-7G	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	11°
	.197	*.015*	*.015*																
50	6.00	0.40	0.40	N151.3-600-50-7G	☆	☆	☆	☆		☆	☆	☆	☆	☆		☆	☆	☆	11°
	.236	*.015*	*.015*																

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

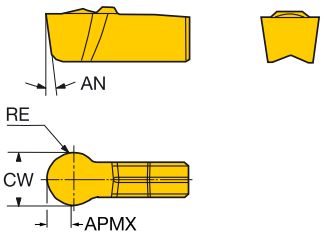
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N151.3-7G	0.00	0.10	.0000	.0039	-0.10	0.10	-.0039	.0039

B138 B144 B182 B182 B192 I5 I1

T-Max® Q-Cut insert for profiling

Internal profiling and face grooving



SSC	CW	RE	Ordering code	P 1125	P 2135	P 3115	P 4225	M 1125	M 2135	K 1125	K 3115	K 4225	N 1125	S 1125	S 2135	Dimensions, mm, inch AN	APMX
25	3.00	1.50	**N151.3-300-25-7P**	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	11°	1.3
	.118	*.059*															*.051*
30	4.00	2.00	**N151.3-400-30-7P**	☆	☆		☆	☆	☆	☆		☆	☆	☆	☆	11°	1.7
	.157	*.079*															*.067*
40	5.00	2.50	**N151.3-500-40-7P**	☆	☆		☆	☆	☆	☆		☆	☆	☆	☆	11°	2.2
	.197	*.098*															*.087*
50	6.00	3.00	**N151.3-600-50-7P**	☆	☆		☆	☆	☆	☆		☆	☆	☆	☆	11°	2.7
	.236	*.118*															*.106*

SSC = To correspond with SSC on holder.

N = Neutral

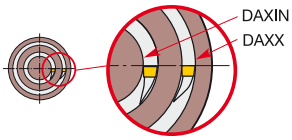
Tolerances:

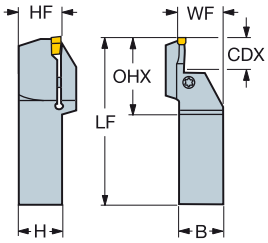
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N151.3-7P	-0.05	0.05	-.0020	.0020	-0.02	0.02	-.0008	.0008

B138 B144 B182 B182 B192 I5 I1

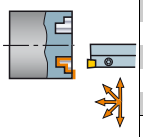
T-Max® Q-Cut shank tool for face grooving

Screw clamp design





Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	25	25 x 25	8.7	24	35	37	0	R/LF151.37-2525-024B25	25	25	150	26	25	3.2	0.7	N151.3-300-25- 7G
		25 x 25	8.7	29	40	37	0	R/LF151.37-2525-029B25	25	25	150	26	25	3.2	0.7	N151.3-300-25- 7G
		25 x 25	8.7	34	50	37	0	R/LF151.37-2525-034B25	25	25	150	26	25	3.2	0.7	N151.3-300-25- 7G
		25 x 25	15.0	44	70	37	0	R/LF151.37-2525-044B25	25	25	150	26	25	3.2	0.7	N151.3-300-25- 7G
		25 x 25	15.0	64	100	37	0	R/LF151.37-2525-064B25	25	25	150	26	25	3.2	0.7	N151.3-300-25- 7G
	30	25 x 25	8.7	27	45	44	0	R/LF151.37-2525-027B30	25	25	150	26	25	3.3	0.7	N151.3-400-30- 7G
		25 x 25	8.7	32	50	44	0	R/LF151.37-2525-032B30	25	25	150	26	25	3.3	0.7	N151.3-400-30- 7G
		25 x 25	20.0	42	70	44	0	R/LF151.37-2525-042B30	25	25	150	26	25	3.3	0.7	N151.3-400-30- 7G
		25 x 25	20.0	62	120	44	0	R/LF151.37-2525-062B30	25	25	150	26	25	3.3	0.7	N151.3-400-30- 7G
		25 x 25	20.0	112	200	44	0	R/LF151.37-2525-112B30	25	25	150	26	25	3.3	0.7	N151.3-400-30- 7G
	40	25 x 25	10.7	25	45	45	0	R/LF151.37-2525-025B40	25	25	150	26	25	3.4	0.7	N151.3-500-40- 7G
		25 x 25	10.7	30	55	45	0	R/LF151.37-2525-030B40	25	25	150	26	25	3.4	0.7	N151.3-500-40- 7G
		25 x 25	20.0	45	80	45	0	R/LF151.37-2525-045B40	25	25	150	26	25	3.4	0.7	N151.3-500-40- 7G
		25 x 25	20.0	70	120	45	0	R/LF151.37-2525-070B40	25	25	150	26	25	3.4	0.7	N151.3-500-40- 7G
		25 x 25	20.0	90	200	45	0	R/LF151.37-2525-090B40	25	25	150	26	25	3.4	0.7	N151.3-500-40- 7G
	50	25 x 25	10.7	23	45	46	0	R/LF151.37-2525-023B50	25	25	150	26	25	3.8	0.7	N151.3-600-50- 7G
		25 x 25	20.0	38	70	46	0	R/LF151.37-2525-038B50	25	25	150	26	25	3.8	0.7	N151.3-600-50- 7G
		25 x 25	20.0	58	110	46	0	R/LF151.37-2525-058B50	25	25	150	26	25	3.8	0.7	N151.3-600-50- 7G
		25 x 25	20.0	88	200	46	0	R/LF151.37-2525-088B50	25	25	150	26	25	3.8	0.7	N151.3-600-50- 7G

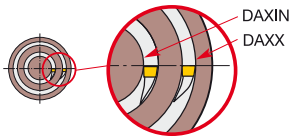
SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

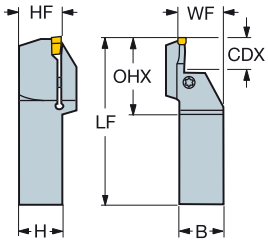
R = Right hand, L = Left hand

B6 I5 I1 F16 I38

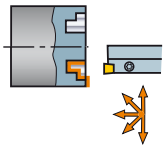
T-Max® Q-Cut shank tool for face grooving

Screw clamp design





Inch version

	SSC	CZC_{MS}	DAXIN	DAXX	CDX	OHX	CNSC	Ordering code	Dimensions, inch B	H	HF	LF	WF	Ft/lbs	Lbs	MIID
	25	1 x 1	.945	1.575	.343	1.484	0	R/LF151.37-16-024B25	1.000	1.000	1.000	6.000	1.039	1.77	1.716	N151.3-300-25- 7G
		1 x 1	1.142	1.575	.343	1.484	0	R/LF151.37-16-029B25	1.000	1.000	1.000	6.000	1.039	1.77	1.716	N151.3-300-25- 7G
		1 x 1	1.339	1.969	.343	1.484	0	R/LF151.37-16-034B25	1.000	1.000	1.000	6.000	1.039	1.77	28.600	N151.3-300-25- 7G
		1 x 1	1.732	2.756	.591	1.484	0	R/LF151.37-16-044B25	1.000	1.000	1.000	6.000	1.039	1.77	1.980	N151.3-300-25- 7G
		1 x 1	2.520	3.937	.591	1.484	0	R/LF151.37-16-064B25	1.000	1.000	1.000	6.000	1.039	1.77	1.716	N151.3-300-25- 7G
		1 x 1	3.701	5.197	.591	1.484	0	R/LF151.37-16-094B25	1.000	1.000	1.000	6.000	1.039	1.77	1.619	N151.3-300-25- 7G
		1 x 1	5.197	7.874	.591	1.484	0	R/LF151.37-16-132B25	1.000	1.000	1.000	6.000	1.039	1.77	1.716	N151.3-300-25- 7G
	30	1 x 1	1.083	1.772	.343	1.760	0	R/LF151.37-16-027B30	1.000	1.000	1.000	6.000	1.039	1.77	1.716	N151.3-400-30- 7G
		1 x 1	1.654	2.758	.787	1.760	0	R/LF151.37-16-042B30	1.000	1.000	1.000	6.000	1.039	1.77	1.716	N151.3-400-30- 7G
		1 x 1	2.441	4.724	.787	1.760	0	R/LF151.37-16-062B30	1.000	1.000	1.000	6.000	1.039	1.77	1.716	N151.3-400-30- 7G
		1 x 1	4.409	7.874	.787	1.760	0	R/LF151.37-16-112B30	1.000	1.000	1.000	6.000	1.039	1.77	1.716	N151.3-400-30- 7G
		1 x 1	1.260	1.969	.343	1.760	0	RF151.37-16-032B30	1.000	1.000	1.000	6.000	1.039	1.62	1.716	N151.3-400-30- 7G
	40	1 x 1	.984	1.772	.422	1.799	0	R/LF151.37-16-025B40	1.000	1.000	1.000	6.000	1.039	1.84	2.109	N151.3-500-40- 7G
		1 x 1	1.181	2.165	.422	1.799	0	R/LF151.37-16-030B40	1.000	1.000	1.000	6.000	1.039	1.84	1.716	N151.3-500-40- 7G
		1 x 1	1.772	3.150	.787	1.800	0	R/LF151.37-16-045B40	1.000	1.000	1.000	6.000	1.039	1.84	1.623	N151.3-500-40- 7G
		1 x 1	2.758	4.724	.787	1.800	0	R/LF151.37-16-070B40	1.000	1.000	1.000	6.000	1.039	1.84	1.617	N151.3-500-40- 7G
		1 x 1	3.543	7.874	.787	1.800	0	R/LF151.37-16-090B40	1.000	1.000	1.000	6.000	1.039	1.84	1.716	N151.3-500-40- 7G
	50	1 x 1	.906	1.772	.422	1.839	0	R/LF151.37-16-023B50	1.000	1.000	1.000	6.000	1.039	2.06	28.600	N151.3-600-50- 7G
		1 x 1	1.496	2.756	.787	1.840	0	R/LF151.37-16-038B50	1.000	1.000	1.000	6.000	1.039	2.06	1.621	N151.3-600-50- 7G
		1 x 1	2.283	4.331	.787	1.840	0	R/LF151.37-16-058B50	1.000	1.000	1.000	6.000	1.039	2.06	1.623	N151.3-600-50- 7G
		1 x 1	3.150	7.874	.787	1.840	0	R/LF151.37-16-088B50	1.000	1.000	1.000	6.000	1.039	2.06	1.716	N151.3-600-50- 7G

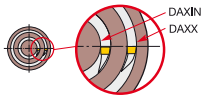
SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

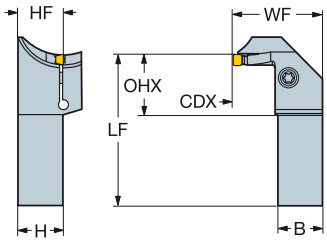
R = Right hand, L = Left hand

B6 I5 I1 F16 I38

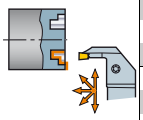
T-Max® Q-Cut shank tool for face grooving

Screw clamp design

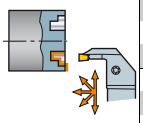




Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg	MIID
	30	25 x 25	8.7	27	45	26	0	R/LG151.37-2525-027B30	25	25	150	47	25	3.0	1.0	N151.3-400-30- 7G
		25 x 25	20.0	32	50	24	0	R/LG151.37-2525-032B30	25	25	150	47	25	3.0	1.0	N151.3-400-30- 7G
		25 x 25	20.0	42	70	24	0	R/LG151.37-2525-042B30	25	25	150	47	25	3.0	1.0	N151.3-400-30- 7G
	50	25 x 25	10.7	23	45	30	0	R/LG151.37-2525-023B50	25	25	150	47	25	3.0	0.9	N151.3-600-50- 7G
		25 x 25	20.0	38	76	27	0	R/LG151.37-2525-038B50	25	25	150	47	25	3.5	1.0	N151.3-600-50- 7G

Inch version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs	MIID
	30	1 x 1	.340	1.062	1.772	1.024	0	R/LG151.37-16-027B30	1.000	1.000	6.000	1.850	1.000	1.6	.02	N151.3-400-30- 7G
		1 x 1	.790	1.260	1.968	.945	0	R/LG151.37-16-032B30	1.000	1.000	6.000	1.850	1.000	1.6	1.89	N151.3-400-30- 7G
		1 x 1	.790	1.654	2.755	.945	0	R/LG151.37-16-042B30	1.000	1.000	6.000	1.850	1.000	1.6	1.98	N151.3-400-30- 7G
	50	1 x 1	.420	.905	1.771	1.189	0	R/LG151.37-16-023B50	1.000	1.000	6.000	1.850	1.000	1.6	1.98	N151.3-600-50- 7G
		1 x 1	.790	1.495	2.755	1.071	0	R/LG151.37-16-038B50	1.000	1.000	6.000	1.850	1.000	1.9	1.89	N151.3-600-50- 7G

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

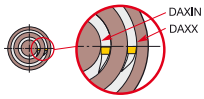
R = Right hand, L = Left hand

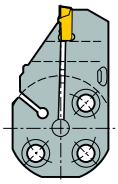
B6 I1 F16 I38

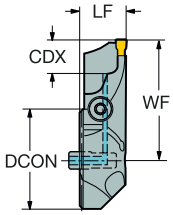
T-Max® Q-Cut head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply







A curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
									Dimensions, mm, inch							
	25	32	8.7	24	35.0	14.0	1	570-32R/L151.3-024A25	32	14.0	37.4	0.0	10	2.0	0.1	N151.3-300-25- 7G
			.342	.944	1.378	.551			1.260	.551	1.472	.000	145			
		32	8.7	29	40.0	14.0	1	570-32R/L151.3-029A25	32	14.0	37.4	0.0	10	2.0	0.1	N151.3-300-25- 7G
			.342	1.141	1.575	.551			1.260	.551	1.472	.000	145			
	30	32	8.7	27	45.0	14.0	1	570-32R/L151.3-027A30	32	14.0	43.1	0.0	10	3.5	0.1	N151.3-400-30- 7G
			.342	1.062	1.772	.551			1.260	.551	1.697	.000	145			
		32	8.7	32	50.0	14.0	1	570-32R/L151.3-032A30	32	14.0	43.1	0.0	10	3.5	0.1	N151.3-400-30- 7G
			.342	1.259	1.969	.551			1.260	.551	1.697	.000	145			
	40	32	10.7	25	45.0	18.0	1	570-32R/L151.3-025A40	32	18.0	43.1	0.0	10	3.5	0.1	N151.3-500-40- 7G
			.421	.984	1.772	.709			1.260	.709	1.697	.000	145			
		32	10.7	30	55.0	18.0	1	570-32R/L151.3-030A40	32	18.0	43.1	0.0	10	3.5	0.1	N151.3-500-40- 7G
			.421	1.181	2.165	.709			1.260	.709	1.697	.000	145			
	50	32	10.7	23	45.0	18.0	1	570-32R/L151.3-023A50	32	18.0	41.1	0.0	10	4.0	0.1	N151.3-600-50- 7G
			.421	.905	1.772	.709			1.260	.709	1.618	.000	145			
		32	18.0	38	70.0	18.0	1	570-32R/L151.3-038A50	32	18.0	41.1	0.0	10	4.0	0.1	N151.3-600-50- 7G
			.709	1.496	2.756	.709			1.260	.709	1.618	.000	145			

SSC = To correspond with SSC on insert.

CZC_{MS} to correspond with CZC_{WS} on holder

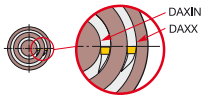
R = Right hand, L = Left hand

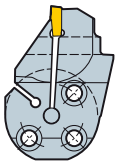
B6 I1 G1 I38

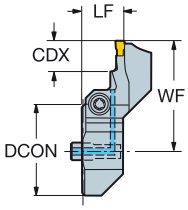
T-Max® Q-Cut head for face grooving

Screw clamp design

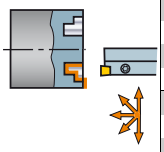
CoroTurn® SL - Internal coolant supply







B curve

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
			Dimensions, mm, inch													
	25	32	8.7	24	35.0	14.0	1	570-32R/L151.3-024B25	32	14.0	37.4	0.0	10	2.0	0.1	N151.3-300-25- 7G
			.342	.944	1.378	.551			1.260	.551	1.472	.000	145			
		32	8.7	29	40.0	14.0	1	570-32R/L151.3-029B25	32	14.0	37.4	0.0	10	2.0	0.1	N151.3-300-25- 7G
			.342	1.141	1.575	.551			1.260	.551	1.472	.000	145			
	30	32	8.7	27	45.0	14.0	1	570-32R/L151.3-027B30	32	14.0	43.1	0.0	10	3.5	0.1	N151.3-400-30- 7G
			.342	1.062	1.772	.551			1.260	.551	1.697	.000	145			
		32	8.7	24	50.0	14.0	1	570-32R/L151.3-032B30	32	14.0	43.1	0.0	10	3.5	0.1	N151.3-400-30- 7G
			.342	.944	1.969	.551			1.260	.551	1.697	.000	145			
	40	32	10.7	25	45.0	18.0	1	570-32R/L151.3-025B40	32	18.0	43.1	0.0	10	3.5	0.2	N151.3-500-40- 7G
			.421	.984	1.772	.709			1.260	.709	1.697	.000	145			
		32	10.7	30	55.0	18.0	1	570-32R/L151.3-030B40	32	18.0	43.1	0.0	10	3.5	0.2	N151.3-500-40- 7G
			.421	1.181	2.165	.709			1.260	.709	1.697	.000	145			
	50	32	18.0	23	45.0	18.0	1	570-32R/L151.3-023B50	32	18.0	41.1	0.0	10	4.0	0.2	N151.3-600-50- 7G
			.709	.905	1.772	.709			1.260	.709	1.618	.000	145			
		32	18.0	38	70.0	18.0	1	570-32R/L151.3-038B50	32	18.0	41.1	0.0	10	4.0	0.2	N151.3-600-50- 7G
			.709	1.496	2.756	.709			1.260	.709	1.618	.000	145			

SSC = To correspond with SSC on insert.

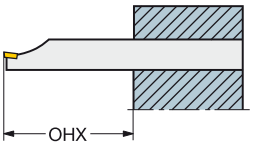
CZC_{MS} to correspond with CZC_{WS} on holder

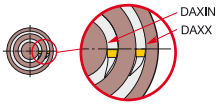
R = Right hand, L = Left hand

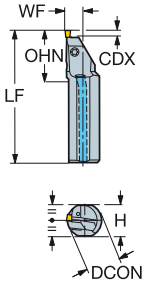
B6 I1 G1 I38

T-Max® Q-Cut shank tool for face grooving

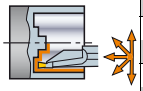
Screw clamp design







Metric version

	SSC	CZC_{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	Dimensions, mm DCON	H	BD	LF	WF	HF	CP Bar	Nm	Kg	MIID
	25	25	5.3	18	101	62	31	1	R/LAF151.37-25-024A25	25	23	25	200	12	0	10	3.0	0.2	N151.3-300-25- 7G
	30	25	5.3	16	101	62	31	1	R/LAF151.37-25-024A30	25	23	25	200	12	0	10	3.0	0.6	N151.3-400-30- 7G
		25	12.0	16	55	62	31	1	R/LAF151.37-25-025A30	25	23	25	200	12	0	10	3.5	0.6	N151.3-400-30- 7G
	50	40	6.3	23	400	100	50	1	R/LAF151.37-40-035A50	40	37	40	300	20	0	10	5.0	2.5	N151.3-600-50- 7G
		40	15.0	23	80	100	50	1	R/LAF151.37-40-036A50	40	37	40	300	20	0	10	5.0	2.5	N151.3-600-50- 7G

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

R = Right hand, L = Left hand

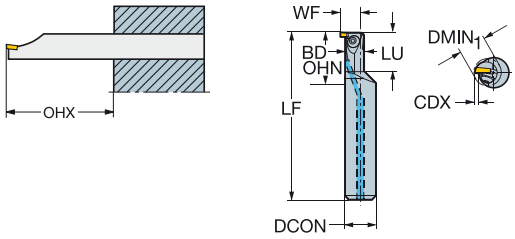
B6 I1 F16 I38

T-Max® Q-Cut boring bar for grooving

Screw clamp design

Cylindrical with EasyFix position support - Internal coolant supply

DSGN 1



Metric version

SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	LU	CNSC	DSGN	Ordering code	DCON	BD	LF	WF	HF	CP Bar	Nm	Kg	MIID
										Dimensions, mm								
20	16	2.0	12	64	27	20	1	1	R/LAG151.32-16M12-20	16	9	150	10	0	10	2.5	0.2	N151.3-200-20- 4G
25	16	4.0	15	64	27	20	1	1	R/LAG151.32-16M15-25	16	10	150	12	0	10	2.5	0.2	N151.3-265-25- 4G
30	20	4.5	16	80	21		1	1	R/LAG151.32-20Q16-30	20	20	180	14	0	10	2.5	0.4	N151.3-300-30- 4G
40	20	5.0	18	80	23		1	1	R/LAG151.32-20Q18-40	20	20	180	14	0	10	3.5	0.4	N151.3-400-40- 4G

Inch version

SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	LU	CNSC	DSGN	Ordering code	DCON	BD	LF	WF	HF	CP PSI	Ft/lbs	Lbs	MIID
										Dimensions, inch								
20	5/8	.079	.472	2.500	1.063	.787	1	1	R/LAG151.32-D10M47-20	.625	.374	5.906	.394	.000	145	1.8	.66	N151.3-200-20- 4G
25	5/8	.157	.472	2.500	1.063	.787	1	1	R/LAG151.32-D10M59-25	.625	.417	5.906	.472	.000	145	1.8	.66	N151.3-265-25- 4G
	3/4	.157	.591	3.000	1.890	1.400	1	1	R/LAG151.32-D12-M59-25	.750	.417	6.000	.453	.000	145	1.6	.22	N151.3-265-25- 4G
30	3/4	.187	.630	3.000	1.220	.846	1	1	R/LAG151.32-D12Q63-30	.750	.417	7.087	.551	.000	145	1.8	1.10	N151.3-300-30- 4G
40	3/4	.207	.709	3.000	1.220	.906	1	1	R/LAG151.32-D12Q71-40	.750	.484	7.087	.571	.000	145	2.2	1.10	N151.3-400-40- 4G

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

R = Right hand, L = Left hand

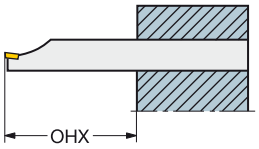
B6 I1 F16 CNSC CXSC I38

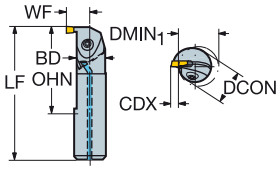
T-Max® Q-Cut boring bar for grooving

Screw clamp design

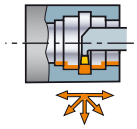
Cylindrical with EasyFix position support - Internal coolant supply

DSGN 2





Metric version



SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	DSGN	Ordering code	Dimensions, mm DCON	BD	LF	WF	HF	CP Bar	Nm	Kg	MIID
20	16	3.5	20	64	24	1	2	R/LAG151.32-16M-20	16	16	150	11	0	10	2.5	0.2	N151.3-200-20- 4G
	20	4.5	25	80	30	1	2	R/LAG151.32-20Q-20	20	20	180	14	0	10	2.5	0.4	N151.3-200-20- 4G
25	16	3.5	20	64	24	1	2	R/LAG151.32-16M-25	16	16	150	11	0	10	3.0	0.2	N151.3-265-25- 4G
	20	4.6	25	80	30	1	2	R/LAG151.32-20Q-25	20	20	180	14	0	10	3.0	0.4	N151.3-265-25- 4G
	25	6.1	32	100	32	1	2	R/LAG151.32-25R-25	25	25	200	18	0	10	3.0	0.7	N151.3-265-25- 4G
30	20	4.5	25	80	32	1	2	R/LAG151.32-20Q-30	20	20	180	14	0	10	3.5	0.4	N151.3-300-30- 4G
	25	6.0	32	100	30	1	2	R/LAG151.32-25R-30	25	25	200	18	0	10	3.5	0.7	N151.3-300-30- 4G
40	25	6.1	32	100	32	1	2	R/LAG151.32-25R-40	25	25	200	18	0	10	4.5	0.7	N151.3-400-40- 4G

SSC = To correspond with SSC on holder.

CZC_{MS} to correspond with CZC_{WS} on holder

R = Right hand, L = Left hand

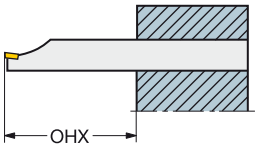
B6 I1 F16 I38

T-Max® Q-Cut boring bar for grooving

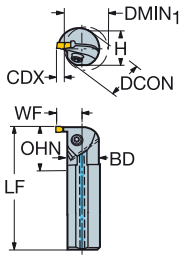
Screw clamp design

Cylindrical with flats - Internal coolant supply

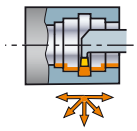
DSGN



3

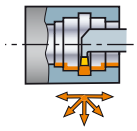


Metric version



SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	DSGN	Ordering code	DCON	H	BD	LF	WF	HF	CP Bar	Nm	Kg	MIID
									Dimensions, mm									
25	32	7.1	40	128	36	1	3	R/LAG151.32-32S-25	32	30	32	250	23	0	10	3.0	1.4	N151.3-265-25- 4G
30	32	7.0	40	128	36	1	3	R/LAG151.32-32S-30	32	30	32	250	23	0	10	3.5	1.4	N151.3-300-30- 4G
40	32	7.1	40	128	36	1	3	R/LAG151.32-32S-40	32	30	32	250	23	0	10	4.5	1.4	N151.3-400-40- 4G
	40	8.1	50	160	42	1	3	R/LAG151.32-40T-40	40	37	40	300	28	0	10	4.5	2.5	N151.3-400-40- 4G
50	32	7.0	40	128	36	1	3	R/LAG151.32-32S-50	32	30	32	250	23	0	10	5.0	1.4	N151.3-500-50- 4G
	40	8.0	50	160	42	1	3	R/LAG151.32-40T-50	40	37	40	300	28	0	10	5.0	2.5	N151.3-500-50- 4G
60	40	8.0	50	160	43	1	3	R/LAG151.32-40T-60	40	37	40	300	28	0	10	5.0	2.5	N151.3-800-60- 4G

Inch version



SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	CNSC	DSGN	Ordering code	DCON	H	BD	LF	WF	HF	CP PSI	Ft/lbs	Lbs	MIID
									Dimensions, inch									
20	5/8	.138	.787	2.500	.950	1	3	R/LAG151.32-D10-20	.625	.560	.625	6.000	.453	.000	145	1.4	.29	N151.3-200-20- 4G
	3/4	.177	.984	3.000	1.180	1	3	R/LAG151.32-D12-20	.750	.710	.768	7.000	.571	.000	145	1.4	.79	N151.3-200-20- 4G
25	5/8	.138	.787	2.500	.950	1	3	R/LAG151.32-D10-25	.625	.560	.625	6.000	.457	.000	145	1.6	.29	N151.3-265-25- 4G
	3/4	.181	.984	3.000	1.180	1	3	R/LAG151.32-D12-25	.750	.710	.768	7.000	.575	.000	145	1.6	.79	N151.3-265-25- 4G
	1	.240	1.260	4.000	1.270	1	3	R/LAG151.32-D16-25	1.000	.910	1.000	8.000	.732	.000	145	1.6	1.46	N151.3-265-25- 4G
	1 1/4	.280	1.575	5.000	1.430	1	3	R/LAG151.32-D20-25	1.250	1.180	1.250	10.000	.909	.000	145	1.6	3.08	N151.3-265-25- 4G
30	3/4	.177	.984	3.000	1.180	1	3	R/LAG151.32-D12-30	.750	.710	.768	7.000	.571	.000	145	1.9	.79	N151.3-300-30- 4G
	1	.236	1.260	4.000	1.270	1	3	R/LAG151.32-D16-30	1.000	.910	1.000	8.000	.728	.000	145	1.9	1.46	N151.3-300-30- 4G
	1 1/4	.276	1.575	5.000	1.430	1	3	R/LAG151.32-D20-30	1.250	1.180	1.250	10.000	.906	.000	145	1.9	3.08	N151.3-300-30- 4G
40	1	.240	1.260	4.000	1.270	1	3	R/LAG151.32-D16-40	1.000	.910	1.000	8.000	.734	.000	145	2.4	1.41	N151.3-400-40- 4G
	1 1/4	.281	1.575	5.000	1.430	1	3	R/LAG151.32-D20-40	1.250	1.180	1.250	10.000	.911	.000	145	2.4	3.08	N151.3-400-40- 4G
	1 1/2	.319	1.969	6.000	1.530	1	3	R/LAG151.32-D24-40	1.500	1.460	1.500	12.000	1.106	.000	145	2.4	5.72	N151.3-400-40- 4G
50	1 1/4	.276	1.575	5.000	1.430	1	3	R/LAG151.32-D20-50	1.250	1.180	1.250	10.000	.906	.000	145	2.7	3.08	N151.3-500-50- 4G
	1 1/2	.315	1.969	6.000	1.530	1	3	R/LAG151.32-D24-50	1.500	1.460	1.500	12.000	1.102	.000	145	2.7	10.56	N151.3-500-50- 4G
60	1 1/2	.315	1.969	6.000	1.530	1	3	R/LAG151.32-D24-60	1.500	1.460	1.500	12.000	1.102	.000	145	2.7	5.72	N151.3-800-60- 4G

SSC = To correspond with SSC on holder.

CZC_{MS} to correspond with CZC_{WS} on holder

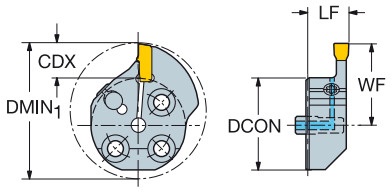
R = Right hand, L = Left hand

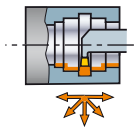
B6 I1 F16 I38

T-Max® Q-Cut head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply





SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	CNSC	Ordering code	DCON	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
							Dimensions, mm, inch							
20	25	8.0	35.6	13.0	1	570-25R/L151.3-08-20	25	14.0	22.1	0.0	10	3.0	0.1	N151.3-200-20- 4G
		.315	1.402	.512			.984	.551	.870	.000	145			
	32	8.0	42.6	13.0	1	570-32R/L151.3-08-20	32	14.0	25.6	0.0	10	3.0	0.1	N151.3-200-20- 4G
		.315	1.677	.512			1.260	.551	1.008	.000	145			
25	25	8.0	40.0	12.5	1	570-25R/L151.3-08-25	25	14.0	22.1	0.0	10	3.0	0.1	N151.3-300-25- 7G
		.315	1.575	.492			.984	.551	.870	.000	145			
	32	7.0	41.6	12.5	1	570-32R/L151.3-07-25	32	14.0	24.6	0.0	10	3.0	0.1	N151.3-300-25- 7G
		.276	1.638	.492			1.260	.551	.969	.000	145			
30	25	8.0	40.7	12.5	1	570-25R/L151.3-08-30	25	14.0	22.1	0.0	10	3.0	0.1	N151.3-300-30- 4G
		.315	1.602	.492			.984	.551	.870	.000	145			
	32	8.0	42.6	12.5	1	570-32R/L151.3-08-30	32	14.0	25.6	0.0	10	3.0	0.1	N151.3-300-30- 4G
		.315	1.677	.492			1.260	.551	1.008	.000	145			
	40	6.0	48.6	12.5	1	570-40R/L151.3-06-30	40	14.0	27.6	0.0	10	3.0	0.1	N151.3-300-30- 4G
		.236	1.913	.492			1.575	.551	1.087	.000	145			
40	32	10.0	48.0	11.5	1	570-32R/L151.3-10-40	32	14.0	27.6	0.0	10	3.0	0.1	N151.3-500-40- 7G
		.394	1.890	.453			1.260	.551	1.087	.000	145			
	40	9.0	51.6	11.5	1	570-40R/L151.3-09-40	40	14.0	30.6	0.0	10	3.0	0.2	N151.3-500-40- 7G
		.354	2.032	.453			1.575	.551	1.205	.000	145			
50	32	10.0	48.8	11.0	1	570-32R/L151.3-10-50	32	14.0	27.6	0.0	10	3.0	0.1	N151.3-600-50- 7G
		.394	1.921	.433			1.260	.551	1.087	.000	145			
	40	9.0	51.6	11.0	1	570-40R/L151.3-09-50	40	14.0	30.6	0.0	10	3.0	0.2	N151.3-600-50- 7G
		.354	2.032	.433			1.575	.551	1.205	.000	145			
60	32	13.0	47.6	10.0	1	570-32R/L151.3-13-60	32	14.0	30.6	0.0	10	3.0	0.1	N151.3-800-60- 4G
		.512	1.874	.394			1.260	.551	1.205	.000	145			
	40	12.0	54.6	10.0	1	570-40R/L151.3-12-60	40	14.0	33.6	0.0	10	3.0	0.2	N151.3-800-60- 4G
		.472	2.150	.394			1.575	.551	1.323	.000	145			

SSC = To correspond with SSC on insert.

CZC_{MS} to correspond with CZC_{WS} on holder

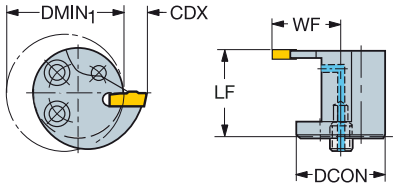
R = Right hand, L = Left hand

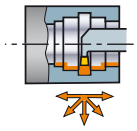
B6 I1 G1 I38

T-Max® Q-Cut head for grooving

Spring clamp design

CoroTurn® SL - Internal coolant supply





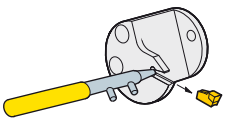
SSC	CZC_{MS}	CDX	$DMIN_1$	OHX	CNSC	Ordering code	DCON	LF	WF	HF	CP Bar/PSI	Kg	MIID
							Dimensions, mm, inch						
20	16	8.5	25.0	8.0	1	R/LAG551.31-160808-20	16	8.0	16.5	0.0	10	0.0	N151.3-200-20- 4G
		.335	.984	.315			.630	.315	.650	.000	145		
	16	3.5	20.0	16.0	1	R/LAG551.31-161603-20	16	16.0	11.5	0.0	10	0.0	N151.3-200-20- 4G
		.138	.787	.630			.630	.630	.453	.000	145		
25	16	5.6	22.0	15.9	1	R/LAG551.31-161605-25	16	15.9	13.6	0.0	10	0.0	N151.3-265-25- 4G
		.220	.866	.626			.630	.626	.535	.000	145		
	20	11.6	32.0	9.9	1	R/LAG551.31-201011-25	20	9.9	21.6	0.0	10	0.0	N151.3-265-25- 4G
		.457	1.260	.390			.787	.390	.850	.000	145		
	20	4.6	25.0	19.9	1	R/LAG551.31-202004-25	20	19.9	14.6	0.0	10	0.0	N151.3-265-25- 4G
		.181	.984	.783			.787	.783	.575	.000	145		
30	20	4.5	25.0	19.5	1	R/LAG551.31-202004-30	20	19.5	14.5	0.0	10	0.0	N151.3-300-30- 4G
		.177	.984	.768			.787	.768	.571	.000	145		
	25	14.5	40.0	12.0	1	R/LAG551.31-251214-30	25	12.0	27.0	0.0	10	0.0	N151.3-300-30- 4G
		.571	1.575	.472			.984	.472	1.063	.000	145		
	25	6.5	32.0	24.5	1	R/LAG551.31-252506-30	25	24.5	19.0	0.0	10	0.1	N151.3-300-30- 4G
		.256	1.260	.965			.984	.965	.748	.000	145		
40	25	6.6	32.0	24.5	1	R/LAG551.31-252506-40	25	24.5	19.2	0.0	10	0.1	N151.3-400-40- 4G
		.260	1.260	.965			.984	.965	.754	.000	145		
	32	17.6	50.0	15.5	1	R/LAG551.31-321617-40	32	15.5	33.7	0.0	10	0.1	N151.3-400-40- 4G
		.693	1.969	.610			1.260	.610	1.325	.000	145		
	32	7.6	40.0	31.5	1	R/LAG551.31-323207-40	32	31.5	23.7	0.0	10	0.1	N151.3-400-40- 4G
		.299	1.575	1.240			1.260	1.240	.931	.000	145		
50	32	7.5	40.0	31.5	1	RAG551.31-323207-50	32	31.5	23.5	0.0	10	0.1	N151.3-500-50- 4G
		.295	1.575	1.240			1.260	1.240	.925	.000	145		
	40	19.5	60.0	19.5	1	R/LAG551.31-402019-50	40	19.5	39.5	0.0	10	0.1	N151.3-500-50- 4G
		.768	2.362	.768			1.575	.768	1.555	.000	145		
	40	9.5	50.0	39.5	1	R/LAG551.31-404009-50	40	39.5	29.5	0.0	10	0.3	N151.3-500-50- 4G
		.374	1.969	1.555			1.575	1.555	1.161	.000	145		
60	40	9.5	50.0	40.0	1	RAG551.31-404009-60	40	40.0	29.5	0.0	10	0.3	N151.3-800-60- 4G
		.374	1.969	1.575			1.575	1.575	1.161	.000	145		

SSC = To correspond with SSC on insert.

CZC_{MS} to correspond with CZC_{WS} on holder

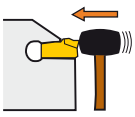
R = Right hand, L = Left hand

Accessories (to be ordered separately)



Insert key

5680 057-021



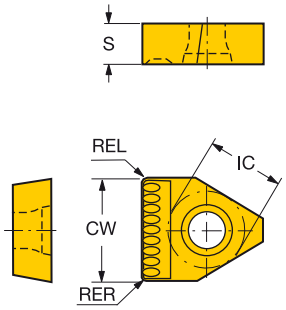
No pivot holes are provided in the T-Max Q-Cut® SL cutting heads. For these items a small rubber hammer should be used to tap the insert into its final position. The tip of the yellow key should be used to extract the insert.

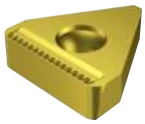
B6 I1 G1 I38

T-Max® insert for grooving

Bear Paw

For external grooving





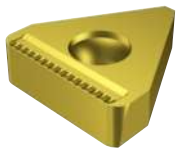
SSC	IC	CW	CW"	REL	REL"	RER	RER"	Ordering code	P 235	M 235	S 235	Dimensions, mm, inch S	S"
9	.375	12.70	.500	0.76	.029	0.76	.029	**BP-500030**	☆	☆	☆	4.78	.188
12	.500	15.88	.625	0.76	.029	0.76	.029	**BP-625030**	☆	☆	☆	4.78	.188
15	.625	19.05	.750	0.76	.029	0.76	.029	**BP-750030**	☆	☆	☆	6.35	.250

SSC = To correspond with SSC on holder.

Tolerances:

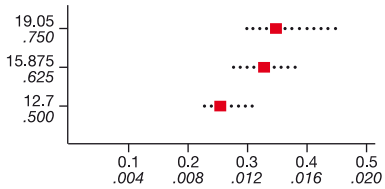
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
BP	-0.03	0.03	-.0010	.0010	-0.10	0.10	-.0039	.0039
	-0.01	0.01	-.0005	.0005				

Feed recommendations and geometry descriptions



For heavy duty external grooving
Excellent accuracy and repeatability.
Chip breaker that performs well in most materials at moderate to heavy feeds.

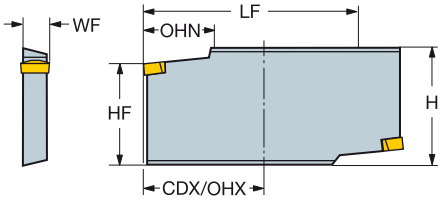
Radial feed
Starting values



B150 I1

T-Max® blade for grooving

Screw clamp design



SSC	CZC_{MS}	CDX	OHX	OHN	CNSC	Ordering code	Dimensions, mm, inch H	LF	WF	HF	kg	MIID
9	45	100.0	100.0	30.0	0	**BPR/L151.2-45 500**	52.5	260.0	11.6	45.0	0.3	BP 500030
		3.937	*3.937*	*1.181*			*2.067*	*10.23*	*.457*	*1.77*		

SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

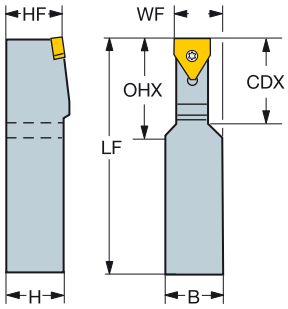
R = Right hand, L = Left hand

B6 I1 F16 I38

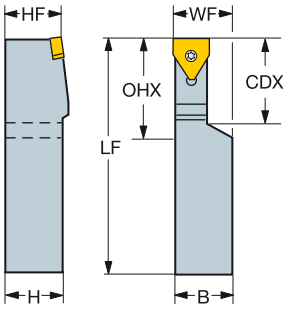
T-Max® shank tool for parting and grooving

Screw clamp design

BPGN



BPGR/L



SSC	CZC_{MS}	CDX	OHX	CNSC	Ordering code	Dimensions, mm, inch B	H	LF	WF	HF	Kg	MIID
12	1 1/4 x 1 1/4	35.1	50.8	0	**BPGN 62520**	31.8	31.8	152.4	23.8	31.8	1.1	BP 625030
		1.380	*2.000*			*1.250*	*1.250*	*6.000*	*.937*	*1.25*		
	1 1/2 x 1 1/2	38.1	50.8	0	**BPGR/L 62524**	38.1	38.1	152.4	38.1	38.1	1.3	BP 625030
		1.500	*2.000*			*1.500*	*1.500*	*6.000*	*1.500*	*1.50*		
15	1 1/2 x 1 1/2	41.4	50.8	0	**BPGN 75024**	38.1	38.1	190.5	28.6	38.1	1.6	BP 750030
		1.630	*2.000*			*1.500*	*1.500*	*7.500*	*1.125*	*1.50*		
	1 1/2 x 1 1/2	44.5	50.8	0	**BPGR/L 75024**	38.1	38.1	177.8	38.1	38.1	1.6	BP 750030
		1.750	*2.000*			*1.500*	*1.500*	*7.000*	*1.500*	*1.50*		
9	1 1/4 x 1 1/4	28.4	50.8	0	**BPGN 50020**	31.8	31.8	152.4	22.2	31.8	1.1	BP 500030
		1.120	*2.000*			*1.250*	*1.250*	*6.000*	*.875*	*1.25*		
	1 1/2 x 1 1/2	31.8	50.8	0	**BPGR/L 50024**	38.1	38.1	152.4	38.1	38.1	71.7	BP 500030
		1.250	*2.000*			*1.500*	*1.500*	*6.000*	*1.500*	*1.50*		

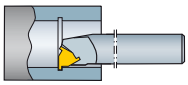
SSC = To correspond with SSC on insert.
CZC_{MS} to correspond with CZC_{WS} on holder

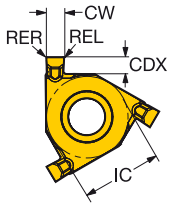
N = Neutral, R = Right hand, L = Left hand

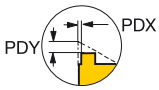
B6 I1 F16 I38

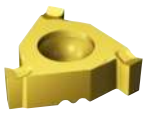
CoroThread® 266 insert for grooving

For circlip grooving and machining in shallow grooves









SSC	CW	CW"	REL	REL"	RER	RER"	CDX	CDX"	Ordering code	P 1135	M 1135	K 1135	N 1135	S 1135	Dimensions, mm, inch AN	PDX	PDX"	PDY	PDY"
16	1.10	.043	0.08	0.003	0.08	0.003	1.3	.051	**254R/LG-16CC01-110**	☆	☆	☆	☆	☆	0°	1.35	.053	0.05	0.002
	1.30	.051	0.08	0.003	0.08	0.003	1.6	.063	**254R/LG-16CC01-130**	☆	☆	☆	☆	☆	0°	1.35	.053	0.05	0.002
	1.60	.063	0.08	0.003	0.08	0.003	1.9	.073	**254R/LG-16CC01-160**	☆	☆	☆	☆	☆	0°	1.35	.053	0.05	0.002
	1.85	.073	0.08	0.003	0.08	0.003	1.9	.073	**254R/LG-16CC01-185**	☆	☆	☆	☆	☆	0°	1.35	.053	0.05	0.002
	2.15	.085	0.08	0.003	0.08	0.003	1.9	.073	**254R/LG-16CC01-215**	☆	☆	☆	☆	☆	0°	1.35	.053	0.05	0.002
22	2.15	.085	0.08	0.003	0.08	0.003	2.2	.087	**254R/LG-22CC01-215**	☆	☆	☆	☆	☆	0°	1.70	.067	0.05	0.002
	2.65	.104	0.15	0.005	0.15	0.005	2.2	.087	**254R/LG-22CC01-265**	☆	☆	☆	☆	☆	0°	1.70	.067	0.05	0.002
	3.15	.124	0.15	0.005	0.15	0.005	2.2	.087	**254R/LG-22CC01-315**	☆	☆	☆	☆	☆	0°	1.70	.067	0.05	0.002
	4.15	.163	0.15	0.005	0.15	0.005	2.6	.102	**254R/LG-22CC01-415**	☆	☆	☆	☆	☆	0°	1.30	.051	0.05	0.002

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

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
254R/LG	0.05	0.13	.0020	.0051	-0.08	0.02	-.0032	.0008

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.

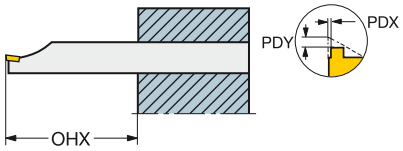
When using CoroThread® 266 boring bars for these inserts, a shim giving an angle of inclination of 0° must be used, see page C89

B153 B182 B192 I1 I32

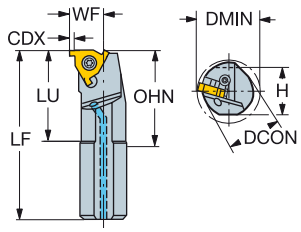
CoroThread® 266 boring bar for grooving

Screw clamp design dedicated for circlip grooves

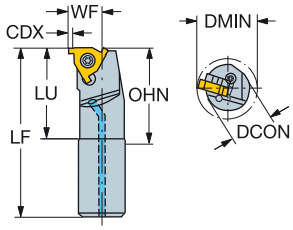
Internal coolant supply



254R/LKF

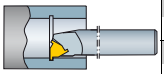


254R/LKF-R

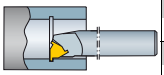


266R/LL,
254R/LG

Cylindrical

	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	LU	CNSC	Ordering code	DCON	BD	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
									Dimensions, mm, inch								
	16	1.3	20.0	48.0	27.0	48	1	254R/LKF-16-16-R	16	16.0	125.0	12.0	0.0	10	3.0	0.2	254RG-16CC..
		.051	.787	1.890	1.063	1.889			.630	.630	4.921	.472	.000	145			
	22	2.2	25.0	60.0	48.0	60	1	254R/LKF-20-22-R	20	20.0	141.0	15.0	0.0	10	5.0	0.6	254LG-22CC..
		.087	.984	2.362	1.346	2.362			.787	.787	5.551	.591	.000	145			

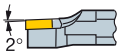
Cylindrical with flats

	CZC_{MS}	CDX	$DMIN_1$	OHX	OHN	LU	CNSC	Ordering code	DCON	BD	LF	WF	HF	CP Bar/PSI	Nm	Kg	MIID
									Dimensions, mm, inch								
	16	1.3	20.0	48.0	27.0	48	1	254R/LKF-16-16	16	16.0	201.0	12.0	0.0	10	3.0	0.3	254LG-16CC..
		.051	.787	1.890	1.063	1.889			.630	.630	7.913	.472	.000	145			
	22	2.2	25.0	60.0	34.2	60	1	254R/LKF-20-22	20	20.0	251.0	15.0	0.0	10	5.0	0.6	254RG-22CC..
		.087	.984	2.362	1.346	2.362			.787	.787	9.882	.591	.000	145			

SSC = To correspond with SSC on insert.

CZC_{MS} to correspond with CZC_{WS} on holder

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°.

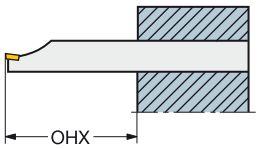
When using CoroThread 266 circlip grooving inserts type 254R/LG, the right hand round shank tool uses a left hand insert and the left hand round shank tool a right hand insert.

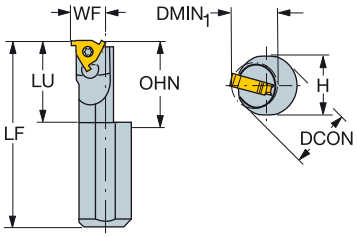
B6 I1 F16 I38 I33

T-Max® U-Lock boring bar for grooving

B

Screw clamp design



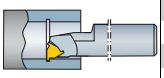


C

166.0G, 154.0G[1)]

Cylindrical with flats

D

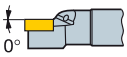
									Dimensions, mm, inch							
		CZC$_{MS}$	DMIN$_1$	OHX	OHN	LU	CNSC	Ordering code	DCON	H	LF	WF	HF	Nm	Kg	MIID
	11	16	12.0	48.0	20.9	20	0	R154.0KF-16-1220-11B	16	15.0	125.0	10.0	0.0	0.9	0.2	L154.0G-11..
			.472	*1.890*	*.823*	*.822*			*.630*	*.591*	*4.921*	*.394*	*.000*			

E

SSC = To correspond with SSC on insert.

R = Right hand

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder



No shims used

F

x and z, see infeed tables on page C91.

G

H

I


B6

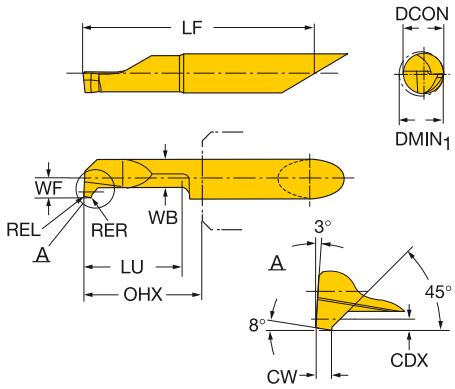
I1

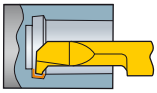

F16

I38

I34

CoroTurn® XS solid carbide tool for pre-parting



	CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	DCON	LF	WF	WB
														Dimensions, mm, inch			
	5	1.00	0.00	0.00	0.7	5	15.0	18.0	**CXS-05GX100-5215R/L**	☆	☆	☆	☆	5.0	37.3	2.5	3.8
		.039	*.000*	*.000*	*.027*	*.204*	*.591*	*.709*						*.197*	*1.469*	*.096*	*.148*
		1.00	0.00	0.00	0.7	5	20.0	23.0	**CXS-05GX100-5220R**	☆	☆	☆	☆	5.0	42.3	2.5	3.8
		.039	*.000*	*.000*	*.027*	*.204*	*.787*	*.906*						*.197*	*1.665*	*.096*	*.148*
		1.00	0.00	0.00	0.7	5	25.0	28.0	**CXS-05GX100-5225R/L**	☆	☆	☆	☆	5.0	47.3	2.5	3.8
		.039	*.000*	*.000*	*.027*	*.204*	*.984*	*1.102*						*.197*	*1.862*	*.096*	*.148*
		1.00	0.00	0.00	0.7	5	30.0	33.0	**CXS-05GX100-5230R**	☆	☆	☆	☆	5.0	52.3	2.5	3.8
		.039	*.000*	*.000*	*.027*	*.204*	*1.181*	*1.299*						*.197*	*2.059*	*.096*	*.148*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

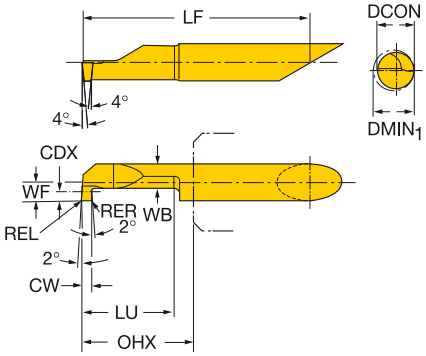
R = Right hand, L = Left hand

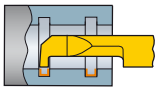
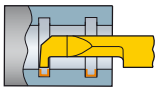
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxGX	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008

G2 B172 B192 I1 I19

CoroTurn® XS solid carbide tool for grooving



	CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF	WB
	4	0.78	0.00	0.00	0.8	4	10.0	13.0	CXS-04G078-4210R	☆	☆	☆	☆	4.0	27.3	2.0	3.0
		.031	.000	.000	.031	.165	.394	.512						.157	1.075	.077	.116
		0.78	0.00	0.00	0.8	4	15.0	18.0	CXS-04G078-4215R/L	☆	☆	☆	☆	4.0	32.5	2.0	3.0
		.031	.000	.000	.031	.165	.591	.709						.157	1.280	.077	.116
		0.78	0.00	0.00	0.8	4	20.0	23.0	CXS-04G078-4220R	☆	☆	☆	☆	4.0	37.6	2.0	3.0
		.031	.000	.000	.031	.165	.787	.906						.157	1.480	.077	.116
		1.00	0.00	0.00	0.8	4	10.0	13.0	CXS-04G100-4210R/L	☆	☆	☆	☆	4.0	27.3	2.0	3.0
		.039	.000	.000	.031	.165	.394	.512						.157	1.075	.077	.116
		1.00	0.00	0.00	0.8	4	15.0	18.0	CXS-04G100-4215R/L	☆	☆	☆	☆	4.0	32.3	2.0	3.0
		.039	.000	.000	.031	.165	.591	.709						.157	1.272	.077	.116
		1.00	0.00	0.00	0.8	4	20.0	23.0	CXS-04G100-4220R/L	☆	☆	☆	☆	4.0	37.3	2.0	3.0
		.039	.000	.000	.031	.165	.787	.906						.157	1.469	.077	.116
	5	0.78	0.00	0.00	1.0	5	10.0	13.0	CXS-05G078-5210R	☆	☆	☆	☆	5.0	32.4	2.5	3.8
		.031	.000	.000	.039	.204	.394	.512						.197	1.276	.096	.148
		0.78	0.00	0.00	1.0	5	20.0	23.0	CXS-05G078-5220R/L	☆	☆	☆	☆	5.0	42.5	2.5	3.8
		.031	.000	.000	.039	.204	.787	.906						.197	1.673	.096	.148
		0.78	0.00	0.00	1.0	5	30.0	33.0	CXS-05G078-5230R	☆	☆	☆	☆	5.0	52.7	2.5	3.8
		.031	.000	.000	.039	.204	1.181	1.299						.197	2.075	.096	.148
		1.00	0.00	0.00	1.0	5	10.0	13.0	CXS-05G100-5210R	☆	☆	☆	☆	5.0	32.3	2.5	3.8
		.039	.000	.000	.039	.204	.394	.512						.197	1.272	.096	.148
		1.00	0.00	0.00	1.0	5	20.0	23.0	CXS-05G100-5220R/L	☆	☆	☆	☆	5.0	42.3	2.5	3.8
		.039	.000	.000	.039	.204	.787	.906						.197	1.665	.096	.148
		1.00	0.00	0.00	1.0	5	30.0	33.0	CXS-05G100-5230R	☆	☆	☆	☆	5.0	52.3	2.5	3.8
		.039	.000	.000	.039	.204	1.181	1.299						.197	2.059	.096	.148
		1.17	0.00	0.00	1.0	5	10.0	13.0	CXS-05G117-5210R	☆	☆	☆	☆	5.0	32.4	2.5	3.8
		.046	.000	.000	.039	.204	.394	.512						.197	1.276	.096	.148
		1.17	0.00	0.00	1.0	5	20.0	23.0	CXS-05G117-5220R/L	☆	☆	☆	☆	5.0	42.5	2.5	3.8
		.046	.000	.000	.039	.204	.787	.906						.197	1.673	.096	.148
		1.17	0.00	0.00	1.0	5	30.0	33.0	CXS-05G117-5230R	☆	☆	☆	☆	5.0	52.7	2.5	3.8
		.046	.000	.000	.039	.204	1.181	1.299						.197	2.075	.096	.148
		1.50	0.00	0.00	1.0	5	10.0	13.0	CXS-05G150-5210R	☆	☆	☆	☆	5.0	32.3	2.5	3.8
		.059	.000	.000	.039	.204	.394	.512						.197	1.272	.096	.148
		1.50	0.00	0.00	1.0	5	15.0	18.0	CXS-05G150-5215R/L	☆	☆	☆	☆	5.0	37.3	2.5	3.8
		.059	.000	.000	.039	.204	.591	.709						.197	1.469	.096	.148
		1.50	0.00	0.00	1.0	5	20.0	23.0	CXS-05G150-5220R/L	☆	☆	☆	☆	5.0	42.3	2.5	3.8
		.059	.000	.000	.039	.204	.787	.906						.197	1.665	.096	.148
		1.50	0.00	0.00	1.0	5	30.0	33.0	CXS-05G150-5230R	☆	☆	☆	☆	5.0	52.3	2.5	3.8
		.059	.000	.000	.039	.204	1.181	1.299						.197	2.059	.096	.148
		1.57	0.00	0.00	1.0	5	10.0	13.0	CXS-05G157-5210R	☆	☆	☆	☆	5.0	32.4	2.5	3.8
		.062	.000	.000	.039	.204	.394	.512						.197	1.276	.096	.148

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

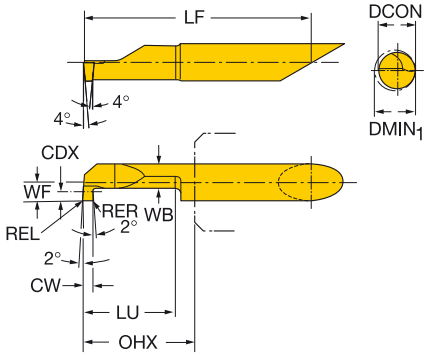
R = Right hand, L = Left hand

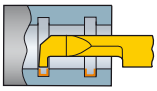
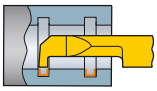
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxG	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008

G2 B172 B192 I1 I19

CoroTurn® XS solid carbide tool for grooving



	CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF	WB
	5	1.57	0.00	0.00	1.0	5	20.0	23.0	CXS-05G157-5220R/L	☆	☆	☆	☆	5.0	42.5	2.5	3.8
		.062	.000	.000	.039	.204	.787	.906						.197	1.673	.096	.148
		1.57	0.00	0.00	1.0	5	30.0	33.0	CXS-05G157-5230R	☆	☆	☆	☆	5.0	52.7	2.5	3.8
		.062	.000	.000	.039	.204	1.181	1.299						.197	2.075	.096	.148
		1.98	0.00	0.00	1.0	5	10.0	13.0	CXS-05G198-5210R	☆	☆	☆	☆	5.0	32.4	2.5	3.8
		.078	.000	.000	.039	.204	.394	.512						.197	1.276	.096	.148
		1.98	0.00	0.00	1.0	5	20.0	23.0	CXS-05G198-5220R/L	☆	☆	☆	☆	5.0	42.5	2.5	3.8
		.078	.000	.000	.039	.204	.787	.906						.197	1.673	.096	.148
		1.98	0.00	0.00	1.0	5	30.0	33.0	CXS-05G198-5230R	☆	☆	☆	☆	5.0	52.7	2.5	3.8
		.078	.000	.000	.039	.204	1.181	1.299						.197	2.075	.096	.148
		2.00	0.00	0.00	1.0	5	10.0	13.0	CXS-05G200-5210R	☆	☆	☆	☆	5.0	32.3	2.5	3.8
		.079	.000	.000	.039	.204	.394	.512						.197	1.272	.096	.148
		2.00	0.00	0.00	1.0	5	20.0	23.0	CXS-05G200-5220R/L	☆	☆	☆	☆	5.0	42.3	2.5	3.8
		.079	.000	.000	.039	.204	.787	.906						.197	1.665	.096	.148
		2.00	0.00	0.00	1.0	5	30.0	33.0	CXS-05G200-5230R	☆	☆	☆	☆	5.0	52.3	2.5	3.8
		.079	.000	.000	.039	.204	1.181	1.299						.197	2.059	.096	.148
	6	0.78	0.00	0.00	1.8	6	10.0	13.0	CXS-06G078-6210R	☆	☆	☆	☆	6.0	32.4	3.0	4.0
		.031	.000	.000	.070	.244	.394	.512						.236	1.276	.116	.156
		0.78	0.00	0.00	1.8	6	15.0	18.0	CXS-06G078-6215R/L	☆	☆	☆	☆	6.0	37.5	3.0	4.0
		.031	.000	.000	.070	.244	.591	.709						.236	1.476	.116	.156
		0.78	0.00	0.00	1.8	6	25.0	28.0	CXS-06G078-6225R	☆	☆	☆	☆	6.0	47.6	3.0	4.0
		.031	.000	.000	.070	.244	.984	1.102						.236	1.874	.116	.156
		0.78	0.00	0.00	1.8	6	35.0	38.0	CXS-06G078-6235R/L	☆	☆	☆	☆	6.0	57.8	3.0	4.0
		.031	.000	.000	.070	.244	1.378	1.496						.236	2.276	.116	.156
		1.00	0.00	0.00	1.8	6	10.0	13.0	CXS-06G100-6210R	☆	☆	☆	☆	6.0	32.3	3.0	4.0
		.039	.000	.000	.070	.244	.394	.512						.236	1.272	.116	.156
		1.00	0.00	0.00	1.8	6	15.0	18.0	CXS-06G100-6215L	☆	☆	☆	☆	6.0	37.3	3.0	4.0
		.039	.000	.000	.070	.244	.591	.709						.236	1.469	.116	.156
		1.00	0.00	0.00	1.8	6	25.0	28.0	CXS-06G100-6225R/L	☆	☆	☆	☆	6.0	47.3	3.0	4.0
		.039	.000	.000	.070	.244	.984	1.102						.236	1.862	.116	.156
		1.00	0.00	0.00	1.8	6	35.0	38.0	CXS-06G100-6235R	☆	☆	☆	☆	6.0	57.3	3.0	4.0
		.039	.000	.000	.070	.244	1.378	1.496						.236	2.256	.116	.156
		1.17	0.00	0.00	1.8	6	10.0	13.0	CXS-06G117-6210R	☆	☆	☆	☆	6.0	32.4	3.0	4.0
		.046	.000	.000	.070	.244	.394	.512						.236	1.276	.116	.156
		1.17	0.00	0.00	1.8	6	15.0	18.0	CXS-06G117-6215R/L	☆	☆	☆	☆	6.0	37.5	3.0	4.0
		.046	.000	.000	.070	.244	.591	.709						.236	1.476	.116	.156
		1.17	0.00	0.00	1.8	6	25.0	28.0	CXS-06G117-6225R	☆	☆	☆	☆	6.0	47.6	3.0	4.0
		.046	.000	.000	.070	.244	.984	1.102						.236	1.874	.116	.156
		1.17	0.00	0.00	1.8	6	35.0	38.0	CXS-06G117-6235R/L	☆	☆	☆	☆	6.0	57.8	3.0	4.0
		.046	.000	.000	.070	.244	1.378	1.496						.236	2.276	.116	.156

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

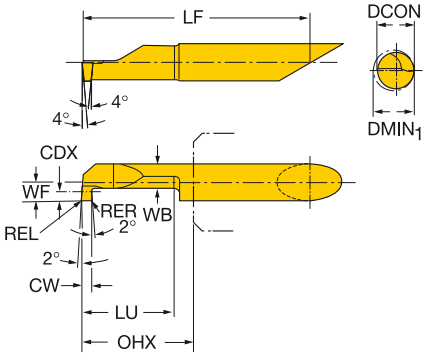
R = Right hand, L = Left hand

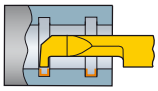
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxG	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008

G2 B172 B192 I1 I19

CoroTurn® XS solid carbide tool for grooving





CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF	WB
6	1.50	0.00	0.00	1.8	6	10.0	13.0	CXS-06G150-6210R	☆	☆	☆	☆	6.0	32.3	3.0	4.0
	.059	*.000*	*.000*	*.070*	*.244*	*.394*	*.512*						*.236*	*1.272*	*.116*	*.156*
	1.50	0.00	0.00	1.8	6	15.0	18.0	CXS-06G150-6215L	☆	☆	☆	☆	6.0	37.3	3.0	4.0
	.059	*.000*	*.000*	*.070*	*.244*	*.591*	*.709*						*.236*	*1.469*	*.116*	*.156*
	1.50	0.00	0.00	1.8	6	25.0	28.0	CXS-06G150-6225R/L	☆	☆	☆	☆	6.0	47.3	3.0	4.0
	.059	*.000*	*.000*	*.070*	*.244*	*.984*	*1.102*						*.236*	*1.862*	*.116*	*.156*
	1.50	0.00	0.00	1.8	6	35.0	38.0	CXS-06G150-6235R	☆	☆	☆	☆	6.0	57.3	3.0	4.0
	.059	*.000*	*.000*	*.070*	*.244*	*1.378*	*1.496*						*.236*	*2.256*	*.116*	*.156*
	1.57	0.00	0.00	1.8	6	10.0	13.0	CXS-06G157-6210R	☆	☆	☆	☆	6.0	32.4	3.0	4.0
	.062	*.000*	*.000*	*.070*	*.244*	*.394*	*.512*						*.236*	*1.276*	*.116*	*.156*
	1.57	0.00	0.00	1.8	6	15.0	18.0	CXS-06G157-6215R/L	☆	☆	☆	☆	6.0	37.5	3.0	4.0
	.062	*.000*	*.000*	*.070*	*.244*	*.591*	*.709*						*.236*	*1.476*	*.116*	*.156*
	1.57	0.00	0.00	1.8	6	25.0	28.0	CXS-06G157-6225R	☆	☆	☆	☆	6.0	47.6	3.0	4.0
	.062	*.000*	*.000*	*.070*	*.244*	*.984*	*1.102*						*.236*	*1.874*	*.116*	*.156*
	1.57	0.00	0.00	1.8	6	35.0	38.0	CXS-06G157-6235R/L	☆	☆	☆	☆	6.0	57.8	3.0	4.0
	.062	*.000*	*.000*	*.070*	*.244*	*1.378*	*1.496*						*.236*	*2.276*	*.116*	*.156*
	1.98	0.00	0.00	1.8	6	10.0	13.0	CXS-06G198-6210R	☆	☆	☆	☆	6.0	32.4	3.0	4.0
	.078	*.000*	*.000*	*.070*	*.244*	*.394*	*.512*						*.236*	*1.276*	*.116*	*.156*
	1.98	0.00	0.00	1.8	6	15.0	18.0	CXS-06G198-6215R/L	☆	☆	☆	☆	6.0	37.5	3.0	4.0
	.078	*.000*	*.000*	*.070*	*.244*	*.591*	*.709*						*.236*	*1.476*	*.116*	*.156*
	1.98	0.00	0.00	1.8	6	25.0	28.0	CXS-06G198-6225R	☆	☆	☆	☆	6.0	47.6	3.0	4.0
	.078	*.000*	*.000*	*.070*	*.244*	*.984*	*1.102*						*.236*	*1.874*	*.116*	*.156*
	1.98	0.00	0.00	1.8	6	35.0	38.0	CXS-06G198-6235R/L	☆	☆	☆	☆	6.0	57.8	3.0	4.0
	.078	*.000*	*.000*	*.070*	*.244*	*1.378*	*1.496*						*.236*	*2.276*	*.116*	*.156*
	2.00	0.00	0.00	1.8	6	10.0	13.0	CXS-06G200-6210R	☆	☆	☆	☆	6.0	32.3	3.0	4.0
	.079	*.000*	*.000*	*.070*	*.244*	*.394*	*.512*						*.236*	*1.272*	*.116*	*.156*
	2.00	0.00	0.00	1.8	6	15.0	18.0	CXS-06G200-6215R/L	☆	☆	☆	☆	6.0	37.3	3.0	4.0
	.079	*.000*	*.000*	*.070*	*.244*	*.591*	*.709*						*.236*	*1.469*	*.116*	*.156*
	2.00	0.00	0.00	1.8	6	25.0	28.0	CXS-06G200-6225R/L	☆	☆	☆	☆	6.0	47.3	3.0	4.0
	.079	*.000*	*.000*	*.070*	*.244*	*.984*	*1.102*						*.236*	*1.862*	*.116*	*.156*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

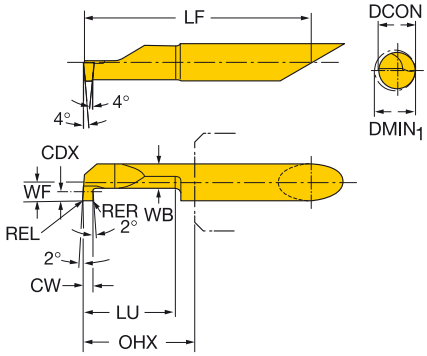
R = Right hand, L = Left hand

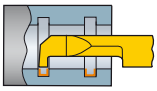
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxG	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008

G2 B172 B192 I1 I19

CoroTurn® XS solid carbide tool for grooving





CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF	WB
7	0.78	0.00	0.00	2.5	7	10.0	13.0	CXS-07G078-7210R	☆	☆	☆	☆	7.0	32.4	3.5	4.3
	.031	.000	.000	.098	.283	.394	.512						.276	1.276	.136	.167
	0.78	0.00	0.00	2.5	7	15.0	18.0	CXS-07G078-7215R/L	☆	☆	☆	☆	7.0	37.5	3.5	4.3
	.031	.000	.000	.098	.283	.591	.709						.276	1.476	.136	.167
	0.78	0.00	0.00	2.5	7	25.0	28.0	CXS-07G078-7225R	☆	☆	☆	☆	7.0	47.6	3.5	4.3
	.031	.000	.000	.098	.283	.984	1.102						.276	1.874	.136	.167
	0.78	0.00	0.00	2.5	7	35.0	38.0	CXS-07G078-7235R/L	☆	☆	☆	☆	7.0	57.8	3.5	4.3
	.031	.000	.000	.098	.283	1.378	1.496						.276	2.276	.136	.167
	1.00	0.00	0.00	2.5	7	10.0	13.0	CXS-07G100-7210R/L	☆	☆	☆	☆	7.0	32.3	3.5	4.3
	.039	.000	.000	.098	.283	.394	.512						.276	1.272	.136	.167
	1.00	0.00	0.00	2.5	7	15.0	18.0	CXS-07G100-7215R/L	☆	☆	☆	☆	7.0	37.3	3.5	4.3
	.039	.000	.000	.098	.283	.591	.709						.276	1.469	.136	.167
	1.00	0.00	0.00	2.5	7	25.0	28.0	CXS-07G100-7225R/L	☆	☆	☆	☆	7.0	47.3	3.5	4.3
	.039	.000	.000	.098	.283	.984	1.102						.276	1.862	.136	.167
	1.00	0.00	0.00	2.5	7	35.0	38.0	CXS-07G100-7235R	☆	☆	☆	☆	7.0	57.3	3.5	4.3
	.039	.000	.000	.098	.283	1.378	1.496						.276	2.256	.136	.167
	1.17	0.00	0.00	2.5	7	10.0	13.0	CXS-07G117-7210R	☆	☆	☆	☆	7.0	32.4	3.5	4.3
	.046	.000	.000	.098	.283	.394	.512						.276	1.276	.136	.167
	1.17	0.00	0.00	2.5	7	15.0	18.0	CXS-07G117-7215R/L	☆	☆	☆	☆	7.0	37.5	3.5	4.3
	.046	.000	.000	.098	.283	.591	.709						.276	1.476	.136	.167
	1.17	0.00	0.00	2.5	7	25.0	28.0	CXS-07G117-7225R	☆	☆	☆	☆	7.0	47.6	3.5	4.3
	.046	.000	.000	.098	.283	.984	1.102						.276	1.874	.136	.167
	1.17	0.00	0.00	2.5	7	35.0	38.0	CXS-07G117-7235R/L	☆	☆	☆	☆	7.0	57.8	3.5	4.3
	.046	.000	.000	.098	.283	1.378	1.496						.276	2.276	.136	.167
	1.50	0.00	0.00	2.5	7	10.0	13.0	CXS-07G150-7210R	☆	☆	☆	☆	7.0	32.3	3.5	4.3
	.059	.000	.000	.098	.283	.394	.512						.276	1.272	.136	.167
	1.50	0.00	0.00	2.5	7	15.0	18.0	CXS-07G150-7215R/L	☆	☆	☆	☆	7.0	37.3	3.5	4.3
	.059	.000	.000	.098	.283	.591	.709						.276	1.469	.136	.167
	1.50	0.00	0.00	2.5	7	25.0	28.0	CXS-07G150-7225R/L	☆	☆	☆	☆	7.0	47.3	3.5	4.3
	.059	.000	.000	.098	.283	.984	1.102						.276	1.862	.136	.167
	1.50	0.00	0.00	2.5	7	35.0	38.0	CXS-07G150-7235R	☆	☆	☆	☆	7.0	57.3	3.5	4.3
	.059	.000	.000	.098	.283	1.378	1.496						.276	2.256	.136	.167
	1.57	0.00	0.00	2.5	7	10.0	13.0	CXS-07G157-7210R	☆	☆	☆	☆	7.0	32.4	3.5	4.3
	.062	.000	.000	.098	.283	.394	.512						.276	1.276	.136	.167
	1.57	0.00	0.00	2.5	7	15.0	18.0	CXS-07G157-7215R/L	☆	☆	☆	☆	7.0	37.5	3.5	4.3
	.062	.000	.000	.098	.283	.591	.709						.276	1.476	.136	.167
	1.57	0.00	0.00	2.5	7	25.0	28.0	CXS-07G157-7225R	☆	☆	☆	☆	7.0	47.6	3.5	4.3
	.062	.000	.000	.098	.283	.984	1.102						.276	1.874	.136	.167
	1.57	0.00	0.00	2.5	7	35.0	38.0	CXS-07G157-7235R/L	☆	☆	☆	☆	7.0	57.8	3.5	4.3
	.062	.000	.000	.098	.283	1.378	1.496						.276	2.276	.136	.167

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

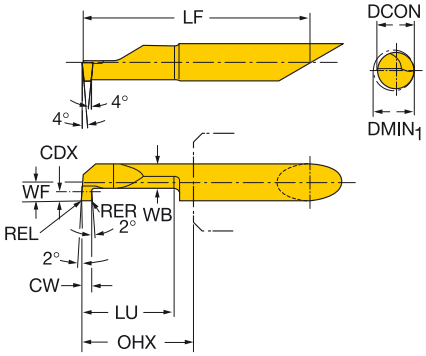
R = Right hand, L = Left hand

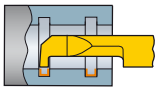
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxG	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008

G2 B172 B192 I1 I19

CoroTurn® XS solid carbide tool for grooving



	CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF	WB
	7	1.98	0.00	0.00	2.5	7	10.0	13.0	**CXS-07G198-7210R**	☆	☆	☆	☆	7.0	32.4	3.5	4.3
		.078	*.000*	*.000*	*.098*	*.283*	*.394*	*.512*						*.276*	*1.276*	*.136*	*.167*
		1.98	0.00	0.00	2.5	7	15.0	18.0	**CXS-07G198-7215R/L**	☆	☆	☆	☆	7.0	37.5	3.5	4.3
		.078	*.000*	*.000*	*.098*	*.283*	*.591*	*.709*						*.276*	*1.476*	*.136*	*.167*
		1.98	0.00	0.00	2.5	7	25.0	28.0	**CXS-07G198-7225R**	☆	☆	☆	☆	7.0	47.6	3.5	4.3
		.078	*.000*	*.000*	*.098*	*.283*	*.984*	*1.102*						*.276*	*1.874*	*.136*	*.167*
		1.98	0.00	0.00	2.5	7	35.0	38.0	**CXS-07G198-7235R/L**	☆	☆	☆	☆	7.0	57.8	3.5	4.3
		.078	*.000*	*.000*	*.098*	*.283*	*1.378*	*1.496*						*.276*	*2.276*	*.136*	*.167*
		2.00	0.00	0.00	2.5	7	10.0	13.0	**CXS-07G200-7210R**	☆	☆	☆	☆	7.0	32.3	3.5	4.3
		.079	*.000*	*.000*	*.098*	*.283*	*.394*	*.512*						*.276*	*1.272*	*.136*	*.167*
		2.00	0.00	0.00	2.5	7	15.0	18.0	**CXS-07G200-7215R/L**	☆	☆	☆	☆	7.0	37.3	3.5	4.3
		.079	*.000*	*.000*	*.098*	*.283*	*.591*	*.709*						*.276*	*1.469*	*.136*	*.167*
		2.00	0.00	0.00	2.5	7	25.0	28.0	**CXS-07G200-7225R/L**	☆	☆	☆	☆	7.0	47.3	3.5	4.3
		.079	*.000*	*.000*	*.098*	*.283*	*.984*	*1.102*						*.276*	*1.862*	*.136*	*.167*
		2.00	0.00	0.00	2.5	7	35.0	38.0	**CXS-07G200-7235R**	☆	☆	☆	☆	7.0	57.3	3.5	4.3
		.079	*.000*	*.000*	*.098*	*.283*	*1.378*	*1.496*						*.276*	*2.256*	*.136*	*.167*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

R = Right hand, L = Left hand

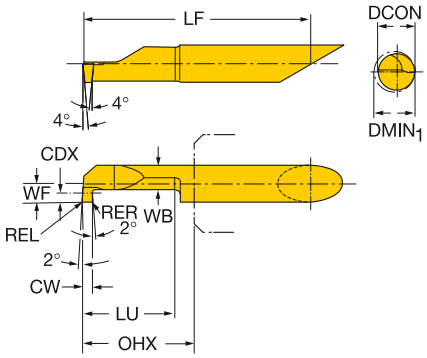
Tolerances:

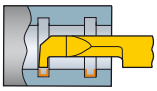
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxG	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008

G2 B172 B192 I1 I19

CoroTurn® XS solid carbide tool for grooving

For hardened materials



	CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	Dimensions, mm, inch DCON	LF	WF	WB
	6	1.00	0.00	0.00	1.8	6	15.0	18.0	**CXS-06G100-6215R**	☆	☆	☆	☆	☆	6.0	37.3	3.0	4.0
		.039	*.000*	*.000*	*.070*	*.244*	*.591*	*.709*							*.236*	*1.469*	*.116*	*.156*
		1.50	0.00	0.00	1.8	6	15.0	18.0	**CXS-06G150-6215R**	☆	☆	☆	☆	☆	6.0	37.3	3.0	4.0
		.059	*.000*	*.000*	*.070*	*.244*	*.591*	*.709*							*.236*	*1.469*	*.116*	*.156*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

R = Right hand

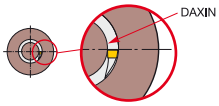
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxG (ISO H)	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008

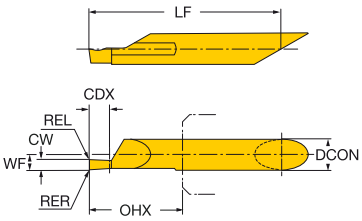
G2 B172 B192 I19 I19

CoroTurn® XS solid carbide tool for face grooving

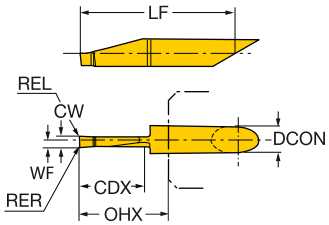
DSGN

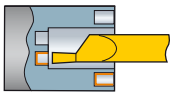
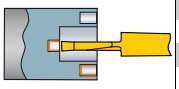
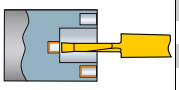


1



2



	CZC_{MS}	CW	RER	REL	CDX	DAXIN	OHX	DSGN	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF
	6	1.00	0.15	0.15	2.0	4.2	18.0	1	CXS-06F100-6215AR/L	☆	☆	☆	☆	6.0	37.3	3.0
		.039	.005	.005	.078	.165	.709							.236	1.469	.116
		1.50	0.15	0.15	3.0	3.2	18.0	1	CXS-06F150-6215AR/L	☆	☆	☆	☆	6.0	37.3	3.0
		.059	.005	.005	.118	.126	.709							.236	1.469	.116
		2.00	0.15	0.15	4.0	2.2	18.0	1	CXS-06F200-6215AR/L	☆	☆	☆	☆	6.0	37.3	3.0
		.079	.005	.005	.157	.087	.709							.236	1.469	.116
		2.50	0.15	0.15	5.0	1.2	18.0	1	CXS-06F250-6215AR/L	☆	☆	☆	☆	6.0	37.3	3.0
		.098	.005	.005	.196	.047	.709							.236	1.469	.116
		3.00	0.15	0.15	6.0	0.2	18.0	1	CXS-06F300-6215AR/L	☆	☆	☆	☆	6.0	37.3	3.0
		.118	.005	.005	.236	.008	.709							.236	1.469	.116
	8	2.00	0.20	0.20	15.0	11.0	20.0	2	CXS-08F200-8015AR/L	☆	☆	☆	☆	8.0	44.3	1.6
		.079	.007	.007	.590	.433	.787							.315	1.742	.062
		2.50	0.20	0.20	10.0	5.0	15.0	2	CXS-08F250-8010AR/L	☆	☆	☆	☆	8.0	39.3	1.8
		.098	.007	.007	.393	.197	.591							.315	1.545	.072
		3.00	0.20	0.20	10.0	4.0	15.0	2	CXS-08F300-8010AR/L	☆	☆	☆	☆	8.0	39.3	2.1
		.118	.007	.007	.393	.157	.591							.315	1.545	.081
		3.00	0.20	0.20	15.0	9.0	20.0	2	CXS-08F300-8015AR/L	☆	☆	☆	☆	8.0	44.3	2.1
		.118	.007	.007	.590	.354	.787							.315	1.742	.081
		4.00	0.20	0.20	10.0	2.0	15.0	2	CXS-08F400-8010AR/L	☆	☆	☆	☆	8.0	39.3	2.5
		.157	.007	.007	.393	.079	.591							.315	1.545	.098
		4.00	0.20	0.20	15.0	7.0	20.0	2	CXS-08F400-8015AR/L	☆	☆	☆	☆	8.0	44.3	2.5
		.157	.007	.007	.590	.276	.787							.315	1.742	.098
	10	3.00	0.20	0.20	20.0	14.0	28.0	2	CXS-10F300-10020AR/L	☆	☆	☆	☆	10.0	52.3	2.1
		.118	.007	.007	.787	.551	1.102							.394	2.057	.081
		3.00	0.20	0.20	25.0	19.0	33.0	2	CXS-10F300-10025AR/L	☆	☆	☆	☆	10.0	57.3	2.1
		.118	.007	.007	.984	.748	1.299							.394	2.254	.081
		3.00	0.20	0.20	30.0	24.0	38.0	2	CXS-10F300-10030AR/L	☆	☆	☆	☆	10.0	62.3	2.1
		.118	.007	.007	1.181	.945	1.496							.394	2.451	.081
		4.00	0.20	0.20	20.0	12.0	28.0	2	CXS-10F400-10020AR/L	☆	☆	☆	☆	10.0	52.3	2.7
		.157	.007	.007	.787	.472	1.102							.394	2.057	.104
		4.00	0.20	0.20	25.0	17.0	33.0	2	CXS-10F400-10025AR/L	☆	☆	☆	☆	10.0	57.3	2.7
		.157	.007	.007	.984	.669	1.299							.394	2.254	.104
		4.00	0.20	0.20	30.0	22.0	38.0	2	CXS-10F400-10030AR/L	☆	☆	☆	☆	10.0	62.3	2.7
		.157	.007	.007	1.181	.866	1.496							.394	2.451	.104
		5.00	0.20	0.20	20.0	10.0	28.0	2	CXS-10F500-10020AR/L	☆	☆	☆	☆	10.0	52.3	3.1
		.197	.007	.007	.787	.394	1.102							.394	2.057	.122
		5.00	0.20	0.20	25.0	15.0	33.0	2	CXS-10F500-10025AR/L	☆	☆	☆	☆	10.0	57.3	3.1
		.197	.007	.007	.984	.591	1.299							.394	2.254	.122
		5.00	0.20	0.20	30.0	20.0	38.0	2	CXS-10F500-10030AR/L	☆	☆	☆	☆	10.0	62.3	3.1
		.197	.007	.007	1.181	.787	1.496							.394	2.451	.122

CZC_{MS} to correspond with CZC_{WS} on holder

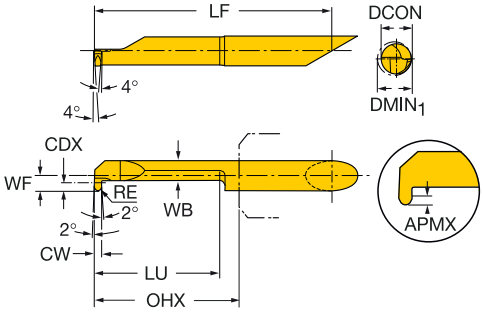
R = Right hand, L = Left hand

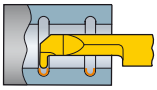
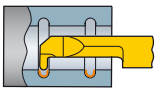
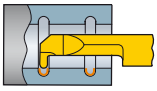
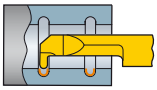
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS..F..AR/L (1)	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008
CXS..F..AR/L (2)	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008

G2 B172 B192 I1 I19

CoroTurn® XS solid carbide tool for profiling



	CZC$_{MS}$	CW	RE	CDX	DMIN$_1$	LU	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	DCON	LF	WF	WB	APMX
													Dimensions, mm, inch				
	4	1.17	0.6	0.8	4	15.0	18.0	CXS-04R058-4215R	☆	☆	☆	☆	4.0	32.5	2.0	3.0	0.3
		.046	.023	.031	.165	.591	.709						.157	1.280	.077	.116	.012
		1.00	0.5	0.8	4	15.0	18.0	CXS-04R100-4215R/L	☆	☆	☆	☆	4.0	32.3	2.0	3.0	0.3
		.039	.020	.031	.165	.591	.709						.157	1.272	.077	.116	.012
	5	1.17	0.6	1.0	5	20.0	23.0	CXS-05R058-5220R/L	☆	☆	☆	☆	5.0	42.5	2.5	3.8	0.3
		.046	.023	.039	.204	.787	.906						.197	1.673	.096	.148	.012
		1.63	0.8	1.0	5	20.0	23.0	CXS-05R081-5220R/L	☆	☆	☆	☆	5.0	42.5	2.5	3.8	0.3
		.064	.032	.039	.204	.787	.906						.197	1.673	.096	.148	.012
		1.98	1.0	1.0	5	20.0	23.0	CXS-05R099-5220R/L	☆	☆	☆	☆	5.0	42.5	2.5	3.8	0.3
		.078	.039	.039	.204	.787	.906						.197	1.673	.096	.148	.012
		1.00	0.5	1.0	5	20.0	23.0	CXS-05R100-5220R/L	☆	☆	☆	☆	5.0	42.3	2.5	3.8	0.3
		.039	.020	.039	.204	.787	.906						.197	1.665	.096	.148	.012
		1.50	0.8	1.0	5	20.0	23.0	CXS-05R150-5220R	☆	☆	☆	☆	5.0	42.3	2.5	3.8	0.3
		.059	.030	.039	.204	.787	.906						.197	1.665	.096	.148	.012
		2.00	1.0	1.0	5	20.0	23.0	CXS-05R200-5220R	☆	☆	☆	☆	5.0	42.3	2.5	3.8	0.3
		.079	.039	.039	.204	.787	.906						.197	1.665	.096	.148	.012
	6	1.17	0.6	1.8	6	25.0	28.0	CXS-06R058-6225R/L	☆	☆	☆	☆	6.0	47.6	3.0	4.0	0.3
		.046	.023	.070	.244	.984	1.102						.236	1.874	.116	.156	.012
		1.63	0.8	1.8	6	25.0	28.0	CXS-06R081-6225R/L	☆	☆	☆	☆	6.0	47.6	3.0	4.0	0.3
		.064	.032	.070	.244	.984	1.102						.236	1.874	.116	.156	.012
		1.98	1.0	1.8	6	25.0	28.0	CXS-06R099-6225R/L	☆	☆	☆	☆	6.0	47.6	3.0	4.0	0.3
		.078	.039	.070	.244	.984	1.102						.236	1.874	.116	.156	.012
		1.00	0.5	1.8	6	25.0	28.0	CXS-06R100-6225R/L	☆	☆	☆	☆	6.0	47.3	3.0	4.0	0.3
		.039	.020	.070	.244	.984	1.102						.236	1.862	.116	.156	.012
		1.50	0.8	1.8	6	25.0	28.0	CXS-06R150-6225R/L	☆	☆	☆	☆	6.0	47.3	3.0	4.0	0.3
		.059	.030	.070	.244	.984	1.102						.236	1.862	.116	.156	.012
		2.00	1.0	1.8	6	25.0	28.0	CXS-06R200-6225R/L	☆	☆	☆	☆	6.0	47.3	3.0	4.0	0.3
		.079	.039	.070	.244	.984	1.102						.236	1.862	.116	.156	.012
	7	1.17	0.6	2.5	7	30.0	35.0	CXS-07R058-7230R/L	☆	☆	☆	☆	7.0	52.7	3.5	4.3	0.3
		.046	.023	.098	.283	1.181	1.378						.276	2.075	.136	.167	.012
		1.63	0.8	2.5	7	30.0	35.0	CXS-07R081-7230R/L	☆	☆	☆	☆	7.0	52.7	3.5	4.3	0.3
		.064	.032	.098	.283	1.181	1.378						.276	2.075	.136	.167	.012
		1.98	1.0	2.5	7	30.0	35.0	CXS-07R099-7230R/L	☆	☆	☆	☆	7.0	52.7	3.5	4.3	0.3
		.078	.039	.098	.283	1.181	1.378						.276	2.075	.136	.167	.012
		1.00	0.5	2.5	7	30.0	35.0	CXS-07R100-7230R/L	☆	☆	☆	☆	7.0	52.3	3.5	4.3	0.3
		.039	.020	.098	.283	1.181	1.378						.276	2.059	.136	.167	.012
		1.50	0.8	2.5	7	30.0	35.0	CXS-07R150-7230R/L	☆	☆	☆	☆	7.0	52.3	3.5	4.3	0.3
		.059	.030	.098	.283	1.181	1.378						.276	2.059	.136	.167	.012
		2.00	1.0	2.5	7	30.0	35.0	CXS-07R200-7230R/L	☆	☆	☆	☆	7.0	52.3	3.5	4.3	0.3
		.079	.039	.098	.283	1.181	1.378						.276	2.059	.136	.167	.012

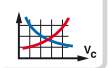
CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxR	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008

 G2

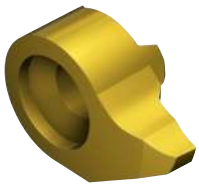
 A566

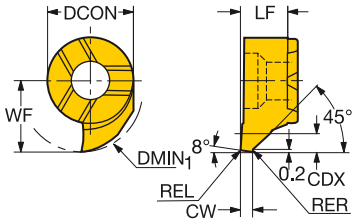
 B192

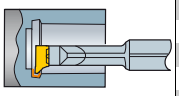
 I1

 I19

CoroCut® MB solid carbide head for pre-parting





	CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF
	07	1.00	0.00	0.00	0.7	10	3.9	**MB-07GX100-00-10R/L**	☆	☆	☆	☆	7.0	3.9	5.8
		.039	.000	.000	.027	.393	.154						.276	.154	.228

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

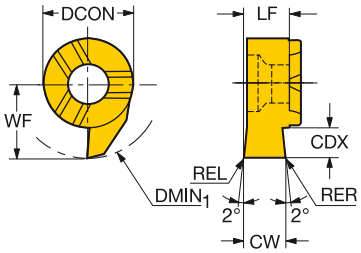
R = Right hand, L = Left hand

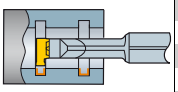
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MB..GX	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008

G2 B173 B192 I1 I30

CoroCut® MB solid carbide head for grooving





CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	Dimensions, mm, inch DCON	LF	WF
07	1.00	0.00	0.00	1.8	10	3.9	MB-07G100-00-10R/L	☆	☆	☆	☆		7.0	3.9	5.8
	.039	.000	.000	.070	.393	.154							.276	.154	.228
	1.00	0.00	0.00	2.8	11	3.9	MB-07G100-00-11R					☆	7.0	3.9	6.8
	.039	.000	.000	.110	.433	.154							.276	.154	.268
	1.00	0.00	0.00	2.8	11	3.9	MB-07G100-00-11R/L	☆	☆	☆	☆		7.0	3.9	6.8
	.039	.000	.000	.110	.433	.154							.276	.154	.268
	1.00	0.00	0.00	3.1	12	3.9	MB-07G100-00-12R/L	☆	☆	☆	☆		7.0	3.9	7.4
	.039	.000	.000	.122	.472	.154							.276	.154	.291
	1.50	0.00	0.00	1.8	10	3.9	MB-07G150-00-10R/L	☆	☆	☆	☆		7.0	3.9	5.8
	.059	.000	.000	.070	.393	.154							.276	.154	.228
	1.50	0.00	0.00	2.8	11	3.9	MB-07G150-00-11R					☆	7.0	3.9	6.8
	.059	.000	.000	.110	.433	.154							.276	.154	.268
	1.50	0.00	0.00	2.8	11	3.9	MB-07G150-00-11R/L	☆	☆	☆	☆		7.0	3.9	6.8
	.059	.000	.000	.110	.433	.154							.276	.154	.268
	1.50	0.00	0.00	3.4	12	3.9	MB-07G150-00-12R/L	☆	☆	☆	☆		7.0	3.9	7.4
	.059	.000	.000	.133	.472	.154							.276	.154	.291
	2.00	0.00	0.00	1.8	10	3.9	MB-07G200-00-10R/L	☆	☆	☆	☆		7.0	3.9	5.8
	.079	.000	.000	.070	.393	.154							.276	.154	.228
	2.00	0.00	0.00	2.8	11	3.9	MB-07G200-00-11R/L	☆	☆	☆	☆		7.0	3.9	6.8
	.079	.000	.000	.110	.433	.154							.276	.154	.268
	2.00	0.00	0.00	3.4	12	3.9	MB-07G200-00-12R/L	☆	☆	☆	☆		7.0	3.9	7.4
	.079	.000	.000	.133	.472	.154							.276	.154	.291
	2.50	0.00	0.00	1.8	10	3.9	MB-07G250-00-10R/L	☆	☆	☆	☆		7.0	3.9	5.8
	.098	.000	.000	.070	.393	.154							.276	.154	.228
	2.50	0.00	0.00	2.8	11	3.9	MB-07G250-00-11R/L	☆	☆	☆	☆		7.0	3.9	6.8
	.098	.000	.000	.110	.433	.154							.276	.154	.268
	3.00	0.00	0.00	1.8	10	3.9	MB-07G300-00-10R/L	☆	☆	☆	☆		7.0	3.9	5.8
	.118	.000	.000	.070	.393	.154							.276	.154	.228
	3.00	0.00	0.00	2.8	11	3.9	MB-07G300-00-11R/L	☆	☆	☆	☆		7.0	3.9	6.8
	.118	.000	.000	.110	.433	.154							.276	.154	.268
	3.18	0.00	0.00	1.8	10	3.9	MB-07G318-00-10R/L	☆	☆	☆	☆		7.0	3.9	5.8
	.125	.000	.000	.070	.393	.154							.276	.154	.228
	3.18	0.00	0.00	2.8	11	3.9	MB-07G318-00-11R/L	☆	☆	☆	☆		7.0	3.9	6.8
	.125	.000	.000	.110	.433	.154							.276	.154	.268

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

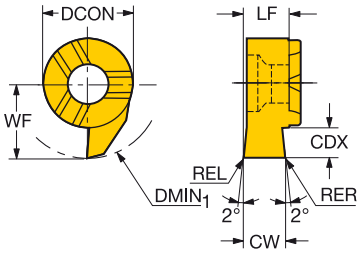
R = Right hand, L = Left hand

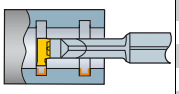
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MB..G	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008

G2 B173 B192 I1 I30

CoroCut® MB solid carbide head for grooving





CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	Dimensions, mm, inch DCON	LF	WF
09	1.50	0.00	0.00	4.0	14	5.3	MB-09G150-00-14R/L	☆	☆	☆	☆		9.0	6.0	9.0
	.059	.000	.000	.157	.551	.209							.354	.236	.354
	1.50	0.00	0.00	5.5	16	5.2	MB-09G150-00-16R/L	☆	☆	☆	☆		9.0	6.0	10.5
	.059	.000	.000	.216	.629	.205							.354	.236	.413
	1.50	0.00	0.00	6.5	17	5.2	MB-09G150-00-17R/L	☆	☆	☆	☆		9.0	6.0	11.5
	.059	.000	.000	.255	.669	.205							.354	.236	.453
	2.00	0.00	0.00	4.0	14	5.3	MB-09G200-00-14R/L	☆	☆	☆	☆		9.0	6.0	9.0
	.079	.000	.000	.157	.551	.209							.354	.236	.354
	2.00	0.00	0.00	5.5	16	5.2	MB-09G200-00-16R/L	☆	☆	☆	☆		9.0	6.0	10.5
	.079	.000	.000	.216	.629	.205							.354	.236	.413
	2.00	0.00	0.00	6.5	17	5.2	MB-09G200-00-17R/L	☆	☆	☆	☆		9.0	6.0	11.5
	.079	.000	.000	.255	.669	.205							.354	.236	.453
	2.00	0.20	0.20	4.0	14	5.3	MB-09G200-02-14R/L	☆	☆	☆	☆		9.0	6.0	9.0
	.079	.007	.007	.157	.551	.209							.354	.236	.354
	2.00	0.20	0.20	5.5	16	5.2	MB-09G200-02-16R/L	☆	☆	☆	☆		9.0	6.0	10.5
	.079	.007	.007	.216	.629	.205							.354	.236	.413
	2.50	0.00	0.00	4.0	14	5.3	MB-09G250-00-14R/L	☆	☆	☆	☆		9.0	6.0	9.0
	.098	.000	.000	.157	.551	.209							.354	.236	.354
	2.50	0.00	0.00	5.5	16	5.2	MB-09G250-00-16R/L	☆	☆	☆	☆		9.0	6.0	10.5
	.098	.000	.000	.216	.629	.205							.354	.236	.413
	2.50	0.00	0.00	6.5	17	5.2	MB-09G250-00-17R/L	☆	☆	☆	☆		9.0	6.0	11.5
	.098	.000	.000	.255	.669	.205							.354	.236	.453
	2.50	0.20	0.20	5.5	16	5.2	MB-09G250-02-16R/L	☆	☆	☆	☆		9.0	6.0	10.5
	.098	.007	.007	.216	.629	.205							.354	.236	.413
	3.00	0.00	0.00	4.0	14	5.3	MB-09G300-00-14R/L	☆	☆	☆	☆		9.0	6.0	9.0
	.118	.000	.000	.157	.551	.209							.354	.236	.354
	3.00	0.00	0.00	5.5	16	5.2	MB-09G300-00-16R/L	☆	☆	☆	☆		9.0	6.0	10.5
	.118	.000	.000	.216	.629	.205							.354	.236	.413
	3.00	0.00	0.00	6.5	17	5.2	MB-09G300-00-17R/L	☆	☆	☆	☆		9.0	6.0	11.5
	.118	.000	.000	.255	.669	.205							.354	.236	.453
	3.00	0.20	0.20	5.5	16	5.2	MB-09G300-02-16R/L	☆	☆	☆	☆		9.0	6.0	10.5
	.118	.007	.007	.216	.629	.205							.354	.236	.413

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

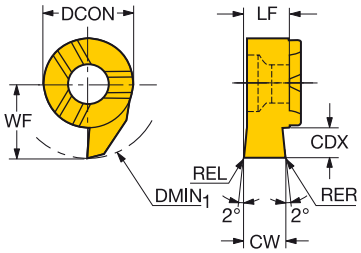
R = Right hand, L = Left hand

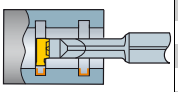
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MB..G	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008

G2 B173 B192 I1 I30

CoroCut® MB solid carbide head for grooving





CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	H 7015	Dimensions, mm, inch DCON	LF	WF
11	1.50	0.20	0.20	8.0	11	5.6	MB-11G150-02-20R/L	☆	☆	☆	☆		11.0	6.4	14.0
	.059	*.007*	*.007*	*.314*	*.433*	*.220*							*.433*	*.252*	*.551*
	2.00	0.20	0.20	8.0	11	5.6	MB-11G200-02-20R/L	☆	☆	☆	☆		11.0	6.4	14.0
	.079	*.007*	*.007*	*.314*	*.433*	*.220*							*.433*	*.252*	*.551*
	2.50	0.20	0.20	8.0	11	5.6	MB-11G250-02-20R/L	☆	☆	☆	☆		11.0	6.4	14.0
	.098	*.007*	*.007*	*.314*	*.433*	*.220*							*.433*	*.252*	*.551*
	3.00	0.20	0.20	8.0	11	5.6	MB-11G300-02-20R/L	☆	☆	☆	☆		11.0	6.4	14.0
	.118	*.007*	*.007*	*.314*	*.433*	*.220*							*.433*	*.252*	*.551*
	3.18	0.20	0.20	8.0	11	5.6	MB-11G318-02-20R/L	☆	☆	☆	☆		11.0	6.4	14.0
	.125	*.007*	*.007*	*.314*	*.433*	*.220*							*.433*	*.252*	*.551*
	4.00	0.20	0.20	8.0	11	5.6	MB-11G400-02-20R/L	☆	☆	☆	☆		11.0	6.4	14.0
	.157	*.007*	*.007*	*.314*	*.433*	*.220*							*.433*	*.252*	*.551*

CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

R = Right hand, L = Left hand

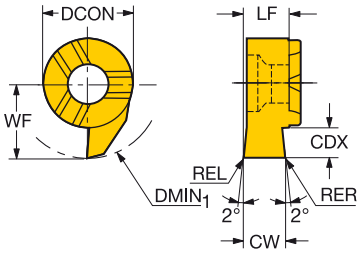
Tolerances:

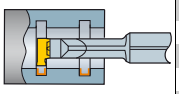
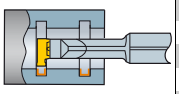
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MB..G	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008

G2 B173 B192 I1 I30

CoroCut® MB solid carbide head for grooving

For circlip grooves



	CZC$_{MS}$	CW	RER	REL	CDX	DMIN$_1$	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF
	07	0.73	0.00	0.00	1.2	10	3.8	MB-07G070-00-10R/L	☆	☆	☆	☆	7.0	3.8	5.8
		.029	.000	.000	.047	.393	.150						.276	.150	.228
		0.83	0.00	0.00	1.3	10	3.8	MB-07G080-00-10R/L	☆	☆	☆	☆	7.0	3.8	5.8
		.033	.000	.000	.051	.393	.150						.276	.150	.228
		0.93	0.00	0.00	1.5	10	3.8	MB-07G090-00-10R/L	☆	☆	☆	☆	7.0	3.8	5.8
		.037	.000	.000	.059	.393	.150						.276	.150	.228
		1.20	0.00	0.00	1.8	10	3.9	MB-07G120-00-10R/L	☆	☆	☆	☆	7.0	3.9	5.8
		.047	.000	.000	.070	.393	.154						.276	.154	.228
		1.40	0.00	0.00	1.8	10	3.9	MB-07G140-00-10R/L	☆	☆	☆	☆	7.0	3.9	5.8
		.055	.000	.000	.070	.393	.154						.276	.154	.228
		1.70	0.00	0.00	1.8	10	3.9	MB-07G170-00-10R/L	☆	☆	☆	☆	7.0	3.9	5.8
		.067	.000	.000	.070	.393	.154						.276	.154	.228
	09	0.73	0.00	0.00	1.2	14	5.2	MB-09G070-00-14R/L	☆	☆	☆	☆	9.0	6.0	9.0
		.029	.000	.000	.047	.551	.205						.354	.236	.354
		0.83	0.00	0.00	1.3	14	5.2	MB-09G080-00-14R/L	☆	☆	☆	☆	9.0	6.0	9.0
		.033	.000	.000	.051	.551	.205						.354	.236	.354
		0.93	0.00	0.00	1.5	14	5.2	MB-09G090-00-14R/L	☆	☆	☆	☆	9.0	6.0	9.0
		.037	.000	.000	.059	.551	.205						.354	.236	.354
		1.20	0.00	0.00	4.0	14	5.3	MB-09G120-00-14R/L	☆	☆	☆	☆	9.0	6.0	9.0
		.047	.000	.000	.157	.551	.209						.354	.236	.354
		1.40	0.00	0.00	4.0	14	5.3	MB-09G140-00-14R/L	☆	☆	☆	☆	9.0	6.0	9.0
		.055	.000	.000	.157	.551	.209						.354	.236	.354
		1.70	0.00	0.00	4.0	14	5.3	MB-09G170-00-14R/L	☆	☆	☆	☆	9.0	6.0	9.0
		.067	.000	.000	.157	.551	.209						.354	.236	.354

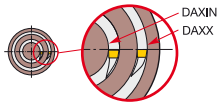
CZC$_{MS}$ to correspond with CZC$_{WS}$ on holder

R = Right hand, L = Left hand

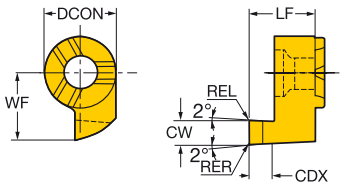
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MB..G (CIRCLIP)	0.00	0.03	.0000	.0012	0.00	0.02	.0000	.0008

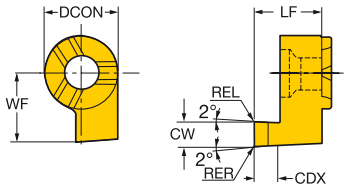
CoroCut® MB solid carbide head for face grooving

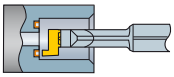
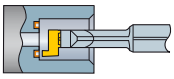


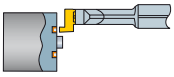
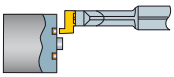
MB..FA



MB..FB



	CZC_{MS}	CW	RER	REL	CDX	DAXIN	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF
	09	1.00	0.00	0.00	1.5	12.0	8.3	MB-09FA100-00-14R/L	☆	☆	☆	☆	9.0	8.3	9.0
		.039	.000	.000	.059	.472	.327						.354	.327	.354
		1.50	0.20	0.20	2.5	11.0	8.3	MB-09FA150-02-14R/L	☆	☆	☆	☆	9.0	8.3	9.0
		.059	.007	.007	.098	.433	.327						.354	.327	.354
		2.00	0.20	0.20	5.0	10.0	10.3	MB-09FA200-02-14R/L	☆	☆	☆	☆	9.0	10.3	9.0
		.079	.007	.007	.196	.394	.406						.354	.406	.354
		2.50	0.20	0.20	5.0	9.0	10.3	MB-09FA250-02-14R/L	☆	☆	☆	☆	9.0	10.3	9.0
		.098	.007	.007	.196	.354	.406						.354	.406	.354
		3.00	0.20	0.20	5.0	8.0	10.3	MB-09FA300-02-14R/L	☆	☆	☆	☆	9.0	10.3	9.0
		.118	.007	.007	.196	.315	.406						.354	.406	.354
	11	3.00	0.20	0.20	10.0	10.0	15.8	MB-11FA300-02-16R/L	☆	☆	☆	☆	11.0	15.8	11.0
		.118	.007	.007	.393	.394	.622						.433	.622	.433
		4.00	0.20	0.20	10.0	8.0	15.8	MB-11FA400-02-16R/L	☆	☆	☆	☆	11.0	15.8	12.0
		.157	.007	.007	.393	.315	.622						.433	.622	.472

	CZC_{MS}	CW	RER	REL	CDX	DAXIN	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF
	09	1.00	0.00	0.00	1.5	10.0	8.3	MB-09FB100-00-14R/L	☆	☆	☆	☆	9.0	8.3	7.0
		.039	.000	.000	.059	.394	.327						.354	.327	.276
		1.50	0.20	0.20	2.5	9.0	8.3	MB-09FB150-02-14R/L	☆	☆	☆	☆	9.0	8.3	7.5
		.059	.007	.007	.098	.354	.327						.354	.327	.295
		2.00	0.20	0.20	5.0	8.0	10.3	MB-09FB200-02-14R/L	☆	☆	☆	☆	9.0	10.3	8.0
		.079	.007	.007	.196	.315	.406						.354	.406	.315
		2.50	0.20	0.20	5.0	7.0	10.3	MB-09FB250-02-14R/L	☆	☆	☆	☆	9.0	10.3	8.5
		.098	.007	.007	.196	.276	.406						.354	.406	.335
		3.00	0.20	0.20	5.0	6.0	10.3	MB-09FB300-02-14R/L	☆	☆	☆	☆	9.0	10.3	9.0
		.118	.007	.007	.196	.236	.406						.354	.406	.354
	11	3.00	0.20	0.20	10.0	10.0	15.8	MB-11FB300-02-16R/L	☆	☆	☆	☆	11.0	15.8	11.0
		.118	.007	.007	.393	.394	.622						.433	.622	.433
		4.00	0.20	0.20	10.0	8.0	15.8	MB-11FB400-02-16R/L	☆	☆	☆	☆	11.0	15.8	11.5
		.157	.007	.007	.393	.315	.622						.433	.622	.453

CZC_{MS} to correspond with CZC_{WS} on holder

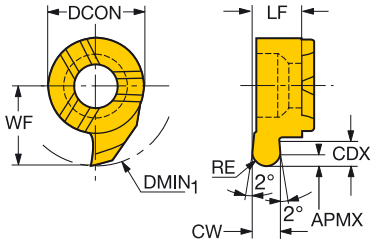
R = Right hand, L = Left hand

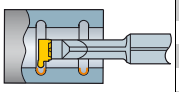
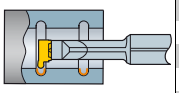
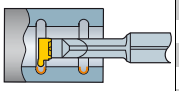
Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MB..FA	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008
MB..FB	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008

G2 B173 B192 I1 I30

CoroCut® MB solid carbide head for profiling



	CZC_{MS}	CW	RE	CDX	$DMIN_1$	OHX	Ordering code	P 1025	M 1025	N 1025	S 1025	Dimensions, mm, inch DCON	LF	WF	APMX
	07	0.80	0.4	1.8	10	3.9	MB-07R080-04-10R/L	☆	☆	☆	☆	7.0	3.9	5.8	0.3
		.031	.016	.070	.393	.154						.276	.154	.228	.012
		1.20	0.6	1.8	10	3.9	MB-07R120-06-10R/L	☆	☆	☆	☆	7.0	3.9	5.8	0.3
		.047	.024	.070	.393	.154						.276	.154	.228	.012
		1.80	0.9	1.8	10	3.9	MB-07R180-09-10R/L	☆	☆	☆	☆	7.0	3.9	5.8	0.3
		.071	.035	.070	.393	.154						.276	.154	.228	.012
		2.00	1.0	1.8	10	3.9	MB-07R200-10-10R/L	☆	☆	☆	☆	7.0	3.9	5.8	0.3
		.079	.039	.070	.393	.154						.276	.154	.228	.012
	09	0.80	0.4	4.0	14	5.2	MB-09R080-04-14R/L	☆	☆	☆	☆	9.0	6.0	9.0	0.3
		.031	.016	.157	.551	.205						.354	.236	.354	.012
		1.20	0.6	4.0	14	5.3	MB-09R120-06-14R/L	☆	☆	☆	☆	9.0	6.0	9.0	0.3
		.047	.024	.157	.551	.209						.354	.236	.354	.012
		1.80	0.9	4.0	14	5.3	MB-09R180-09-14R/L	☆	☆	☆	☆	9.0	6.0	9.0	0.3
		.071	.035	.157	.551	.209						.354	.236	.354	.012
		2.00	1.0	4.0	10	5.3	MB-09R200-10-14R/L	☆	☆	☆	☆	9.0	6.0	5.8	0.3
		.079	.039	.157	.393	.209						.354	.236	.228	.012
		2.20	1.1	4.0	11	5.3	MB-09R220-11-14R/L	☆	☆	☆	☆	9.0	6.0	9.0	0.3
		.087	.043	.157	.433	.209						.354	.236	.354	.012
		3.00	1.5	4.0	14	5.3	MB-09R300-15-14R/L	☆	☆	☆	☆	9.0	6.0	9.0	0.3
		.118	.059	.157	.551	.209						.354	.236	.354	.012
	11	3.00	1.5	6.0	11	5.4	MB-11R300-15-18R/L	☆	☆	☆	☆	11.0	6.2	12.0	0.3
		.118	.059	.236	.433	.213						.433	.244	.472	.012
		3.18	1.6	6.0	11	5.4	MB-11R318-16-18R/L	☆	☆	☆	☆	11.0	6.2	12.0	0.3
		.125	.063	.236	.433	.213						.433	.244	.472	.012
		4.00	2.0	6.0	11	5.4	MB-11R400-20-18R/L	☆	☆	☆	☆	11.0	6.2	12.0	0.3
		.157	.079	.236	.433	.213						.433	.244	.472	.012

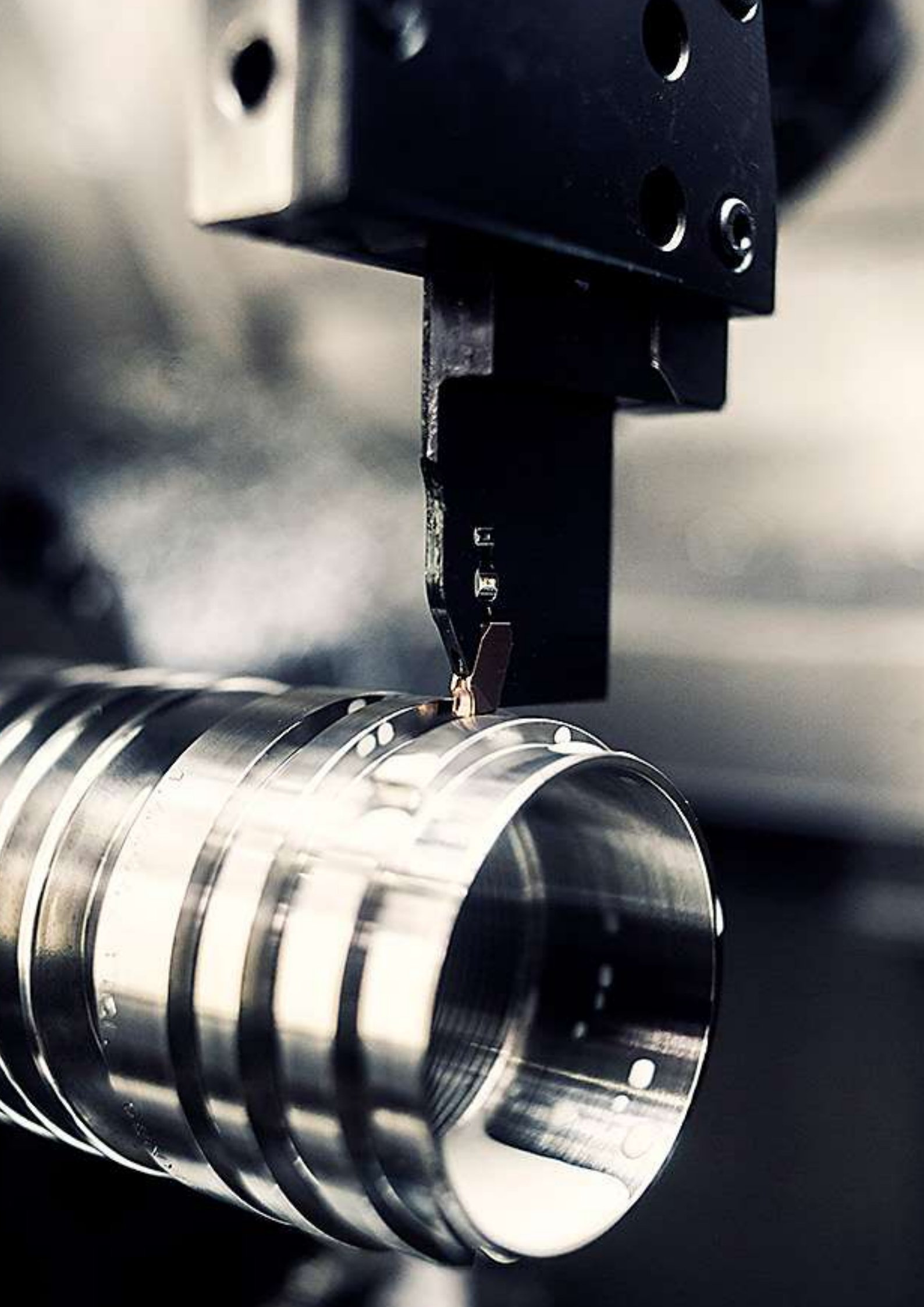
CZC_{MS} to correspond with CZC_{WS} on holder

R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MB..R	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008

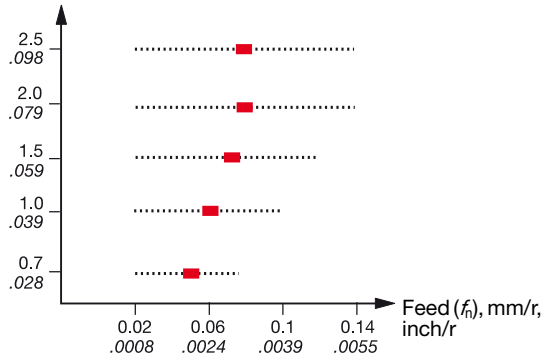
G2 B173 B192 I1 I30



Cutting data recommendations for CoroCut® XS

Parting off

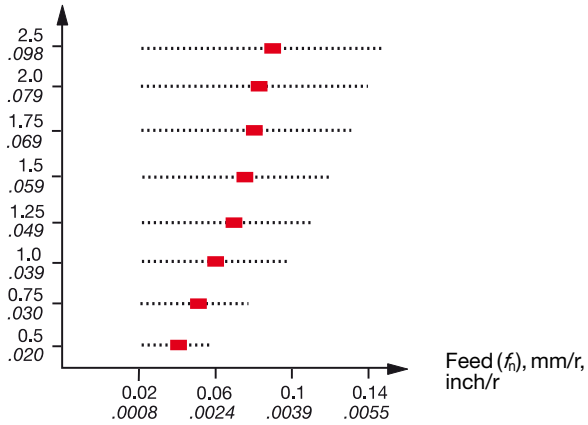
Insert width (CW), mm, inch



■ = Recommended starting value.

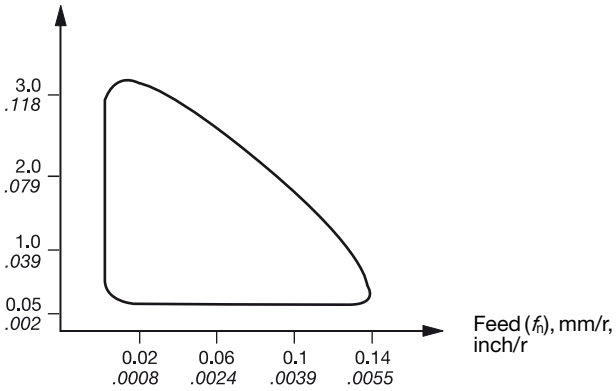
Grooving

Insert width (CW), mm, inch



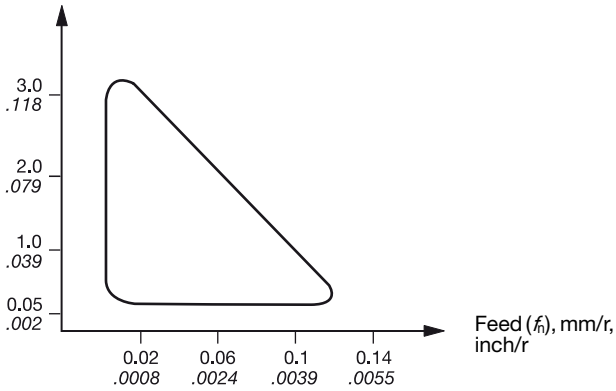
Turning

Cutting depth (a_p), mm, inch



Back turning

Cutting depth (a_p), mm, inch



Threading, (Infeed recommendations)

Metric 60°

Pitch, mm	a_p mm	a_p inch	*nap*
0.20	0.12	.005	4
0.25	0.15	.006	4
0.30	0.18	.007	4
0.35	0.20	.008	4
0.40	0.25	.010	4
0.45	0.28	.011	4
0.50	0.28	.011	4
0.75	0.46	.018	4
1.00	0.61	.024	5
1.25	0.74	.029	6
1.50	0.89	.035	6
1.75	1.07	.042	8
2.00	1.22	.048	8

Can be used for thread types:
– ISO metric 60°
– UN 60°
– NPT

a_p = total depth of thread
nap = number of passes

UN 60°

Pitch, t.p.i.	a_p mm	a_p inch	*nap*
72	0.22	.0086	4
64	0.25	.0098	4
56	0.28	.0110	4
48	0.33	.0129	4
44	0.36	.0142	4
40	0.40	.0157	4
36	0.43	.0169	4
32	0.49	.0193	5
28	0.56	.0220	5
24	0.65	.0256	5
20	0.80	.0315	6
18	0.86	.0339	6
16	0.97	.0382	7
14	1.12	.0441	8
13	1.19	.0469	8
12	1.30	.0512	9

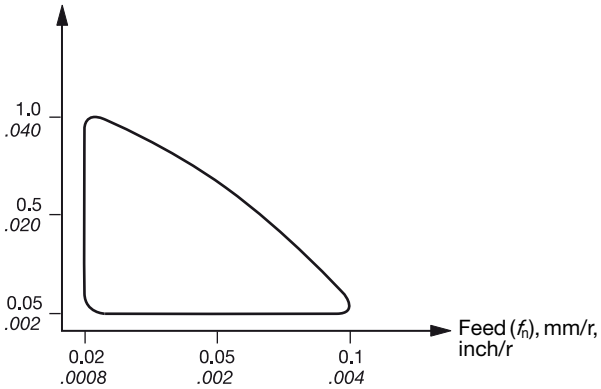
Cutting speed recommendations

Cutting speed (v_c), m/min (ft/min)

Grade 1025/1105	P	M	N	S
	60-200 (195-655)	60-180 (195-590)	90-400 (295-1310)	20-50 (65-165)

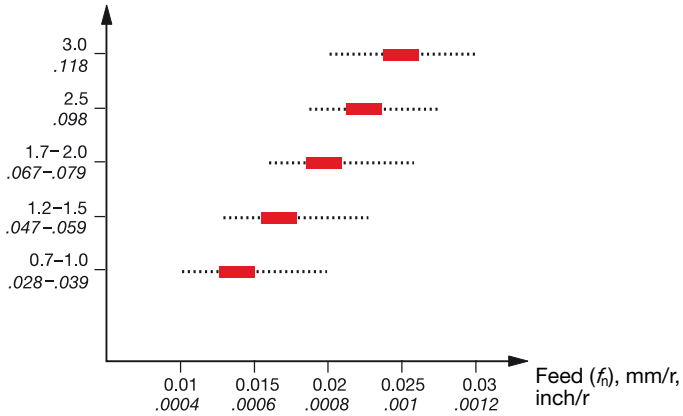
Cutting data recommendations for CoroCut® MB

Turning
Insert size 07
Cutting depth (a_p), mm, inch



Grooving and face grooving

Insert width (CW), mm, inch



■ = Recommended starting value.

Threading, (Infeed recommendations)

Thread	Insert	a_p mm	a_p inch	*nap*
V-profile 60°	MB-07TH050VM-10R/L	0.33	.013	4
	MB-07TH100VM-10R/L	0.64	.025	5
	MB-07TH150VM-10R/L	0.89	.035	6
	MB-07TH200VM-10R/L	1.19	.047	8
	MB-07TH250VM-10R/L	1.50	.059	10
Metric 60°	MB-07TH050MM-10R/L	0.33	.013	4
	MB-07TH100MM-10R/L	0.64	.025	5
	MB-07TH150MM-10R/L	0.89	.035	6
	MB-07TH175MM-10R/L	1.07	.042	8
	MB-07TH200MM-10R/L	1.19	.047	8
	MB-07TH250MM-10R/L	1.50	.059	10
UN 60°	MB-07TH320UN-10R/L	0.48	.019	4
	MB-07TH280UN-10R/L	0.58	.023	5
	MB-07TH240UN-10R/L	0.66	.026	5
	MB-07TH200UN-10R/L	0.79	.031	6
	MB-07TH180UN-10R/L	0.86	.034	6
	MB-07TH160UN-10R/L	0.94	.037	7
	MB-07TH140UN-10R/L	1.09	.043	8
Whitworth 55°	MB-07TH190WH-10R/L	0.91	.036	6
	MB-07TH140WH-10R/L	1.21	.048	8
	MB-07TH110WH-10R/L	1.54	.061	9
NPT 60°	MB-07TH180NT-10R/L	1.11	.044	8
	MB-07TH140NT-10R/L	1.42	.056	10

Thread	Insert	a_p mm	a_p inch	*nap*
ACME 29°	MB-07TH160AC-11R	0.96	.038	6
	MB-07TH140AC-11R	1.09	.043	7
	MB-07TH120AC-11R	1.24	.049	8
	MB-07TH100AC-11R	1.60	.063	10
	MB-07TH080AC-11R	1.90	.075	12
STUB-ACME 29°	MB-07TH160SA-10R	0.66	.026	5
	MB-07TH140SA-10R	0.74	.029	5
	MB-07TH120SA-10R	0.81	.032	6
	MB-07TH100SA-10R	1.09	.043	7
	MB-07TH080SA-10R	1.27	.050	8

a_p = total depth of thread
nap = number of passes

Cutting speed recommendations

Cutting speed (v_c), m/min (ft/min)

	P	M	N	S
Grade 1025	60-200 (195-655)	60-180 (195-590)	90-400 (295-1310)	20-50 (65-165)
	H			
Grade CB7015	60-200 (195-655)			

Cutting speed recommendations, metric values

The recommendations are valid for use with cutting fluid.

ISO P		Steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC3115	GC4325
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.5	0.05-0.5	0.05-0.5
MC No.	No.	Material	N/mm²	HB	Cutting speed (v_c), m/min		
		Unalloyed					
P1.1.Z.AN	01.1	C = 0.1–0.25%	1500	125	235-170	355-185	340-180
P1.2.Z.AN	01.2	C = 0.25–0.55%	1600	150	220-155	330-140	315-140
P1.3.Z.AN	01.3	C = 0.55–0.80%	1700	170	210-145	300-125	290-120
		Low-alloy ≤5%					
P2.1.Z.AN	02.1	Non-hardened	1700	180	205-145	290-135	280-130
P2.5.Z.HT	02.2	Hardened and tempered	1850	275	185-120	270-105	265-100
P2.5.Z.HT	02.2	Hardened and tempered	2050	350	150-100	220-85	215-80
		High-alloy >5%					
P3.0.Z.AN	03.11	Annealed	1950	200	130-100	260-115	255-105
P3.0.Z.HT	03.21	Hardened tool steel	3000	325	80-55	205-75	195-75
		Castings					
P1.5.C.UT	06.1	Unalloyed	1550	180	150-100	175-75	165-70
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	1600	200	135-85	200-90	190-85
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	2050	225	115-70	160-75	130-95
P3.2.C.AQ	06.33	Manganese steel, 12–14% Mn	2900	250	75-50	90-50	85-45

ISO M		Stainless steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC1105	GC1005
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.5	0.05-0.5	0.05-0.5
MC No.	No.	Material	N/mm²	HB	Cutting speed (v_c), m/min		
		Ferritic/martensitic					
		Bars/forged					
P5.0.Z.AN	05.11	Non-hardened	1800	200	195-135	235-110	400-175
P5.0.Z.PH	05.12	PH-hardened	2850	330	135-95	185-85	215-95
P5.0.Z.HT	05.13	Hardened	2350	330	150-100	200-90	255-110
		Austenitic					
		Bars/forged					
M1.0.Z.AQ	05.21	Austenitic	1800	180	190-130	265-125	435-190
M1.0.Z.PH	05.22	PH-hardened	2850	330	115-80	185-90	235-100
M2.0.Z.AQ	05.23	Super austenitic	2250	200	130-90	200-95	260-115
		Austenitic-ferritic (Duplex)					
		Bars/forged					
M3.1.Z.AQ	05.51	Non-weldable ≥ 0.05%C	2000	230	115-90	225-105	335-145
M3.2.Z.AQ	05.52	Weldable < 0.05%C	2450	260	90-70	185-90	300-130
		Ferritic/martensitic					
		Cast					
P5.0.C.UT	15.11	Non-hardened	1700	200	165-115	-	-
P5.0.C.HT	15.13	Hardened	2150	330	110-75	-	-
		Austenitic					
		Cast					
M1.0.C.UT	15.21	Austenitic	1700	180	160-110	-	-
	15.22	PH-hardened	2450	330	95-65	-	-
		Austenitic-ferritic (Duplex)					
		Cast					
M3.1.C.AQ	15.51	Non-weldable ≥ 0.05%C	1800	230	100-80	-	-
M3.2.C.AQ	15.52	Weldable < 0.05%C	2250	260	80-60	-	-

ISO K		Cast iron	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					GC3115	GC4225	GC1125
					h_{ex}, mm ≈ feed f_n, mm/r		
	CMC				0.05-0.5	0.05-0.5	0.05-0.5
MC No.	No.	Material	N/mm²	HB	Cutting speed (v_c), m/min		
		Malleable					
	07.1	Ferritic (short chipping)	790	130	340-170	320-170	255-125
K1.1.C.NS	07.2	Pearlitic (long chipping)	900	230	250-115	235-110	170-95
		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

TOUGHNESS >>>>						
GC1115	GC1125	GC1025	GC1135	GC1145	GC235	
0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	
360-180 325-145 290-130	295-145 265-115 235-105	235-115 210-90 185-85	205-100 180-75 175-70	200-100 185-75 175-70	165-130 150-120 140-105	
290-135 250-115 200-95	235-110 205-95 165-75	185-85 165-75 135-60	175-80 155-70 125-55	180-85 165-70 130-55	140-110 120-85 95-70	
255-115 185-75	205-95 150-65	170-75 120-50	155-70 105-45	160-75 105-45	70-60 45-33	
- - - -	135-65 160-85 120-50 70-40	110-55 130-65 80-45 55-30	105-50 120-60 90-40 50-29	110-50 125-65 85-38 -	100-70 90-55 80-45 100-80	

TOUGHNESS >>>>							
GC1115	GC1125	GC1025	GC1135	GC1145	GC235	H13A	
0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	
235-110 185-85 200-90	190-85 150-65 160-70	160-70 120-55 130-55	145-65 110-45 120-50	150-60 110-45 125-50	130-100 90-70 100-75	90-70 60-40 70-50	
265-125 185-90 200-95	215-100 150-70 160-75	175-80 120-55 130-60	165-70 105-50 115-55	165-65 110-50 105-50	125-95 75-55 85-65	100-65 50-33 65-45	
225-105 185-90	180-85 150-70	145-70 120-55	135-60 110-50	145-60 115-50	125-95 95-70	- -	
215-100 -	175-80 145-65	140-65 120-50	130-60 110-45	140-55 115-45	110-85 70-55	75-60 50-38	
230-110 150-80	185-90 120-65	150-70 95-50	135-60 90-45	145-60 90-45	105-80 65-50	70-45 45-29	
195-95 155-80	155-75 125-65	125-60 105-50	115-55 95-45	120-55 95-45	110-85 85-60	- -	

TOUGHNESS >>>>							
GC1125	GC1025	H13A	GC1135				
0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5				
255-125 170-95	205-100 140-75	100-85 70-55	320-170 235-110				
210-110 175-90	170-85 140-70	80-65 80-60	275-130 240-115				
185-95 150-75 100-55	150-80 120-60 85-45	70-55 60-45 40-30	250-105 195-90 140-70				

Cutting speed recommendations, metric values

The recommendations are valid for use with cutting fluid.

ISO N		Non-ferrous material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CD10	GC1005	H10
					h_{ex}, mm ≈ feed f_n, mm/r		
					0.05-0.5	0.06-0.31	0.05-0.8
MC No.	CMC 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-leadad 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		
					0.05-0.3	0.05-0.3	0.05-0.3
MC No.	CMC No.	Material	N/mm²	HB	Cutting speed (v_c), m/min		
		Iron base					
S1.0.U.AN	20.11	Annealed or solution treated	2400	200	200-135	180-120	70-38
S1.0.U.AG	20.12	Aged or solution treated and aged	2500	280	165-110	150-100	150-100
		Nickel base					
S2.0.Z.AN	20.21	Annealed or solution treated	2650	250	100-60	90-55	90-55
S2.0.Z.AG	20.22	Aged or solution treated and aged	2900	350	90-60	80-50	80-50
S2.0.C.NS	20.24	Cast or cast and aged	3000	320	80-50	70-45	70-45
		Cobalt 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		
					0.05-0.1	0.05-0.1	0.05-0.1
MC No.	CMC No.	Hardened material	N/mm²	HB	Cutting speed (v_c), m/min		
		Extra hard steel					
H1.3.Z.HA	04.1	Hardened and tempered	4300	60 HRC	125-120	110-100	145-135
		Chilled					
H2.0.C.UT	10.1	Cast or cast and aged	2250	400	200-195	110-100	-

1) Rm = ultimate tensile strength measured in MPa.

							TOUGHNESS >>>>
GC1125	GC1025	H13A					
0.05-0.8	0.05-0.8	0.05-0.8					
1500 (1900 - 190) 1500 (1900 - 190)	1500 (1900 - 190) 1500 (1900 - 190)	1500 (1900 - 190) 1500 (1900 - 190)					
1500 (1900 - 190) 1500 (1900 - 190) 400 (500 - 50) 250 (315 - 31)	1500 (1900 - 190) 1500 (1900 - 190) 400 (500 - 50) 250 (315 - 31)	1500 (1900 - 190) 1500 (1900 - 190) 400 (500 - 50) 250 (315 - 31)					
350 (440 - 45) 400 (500 - 50) 250 (315 - 31)	350 (440 - 45) 400 (500 - 50) 250 (315 - 31)	350 (440 - 45) 400 (500 - 50) 250 (315 - 31)					

									TOUGHNESS >>>>
H10	GC1115	GC1125	GC1025	H13A	GC1135	GC1145	GC235	CC670	CB7015
0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3
- -	100-55 70-40	80-45 55-33	60-35 45-28	50-37 40-26	50-29 40-26	45-34 45-30	50-37 40-26	- -	- -
- - -	65-40 60-32 45-23	50-32 45-26 35-18	45-28 40-22 30-16	30-23 20-13 20-13	40-26 35-21 25-10	29-23 19-13 20-13	30-23 20-13 20-13	600-320 500-250 250-120	400-300 350-250 200-125
- - -	70-50 60-32 45-23	55-38 45-26 35-18	50-33 40-22 30-16	35-27 23-15 20-13	45-28 35-17 25-14	34-23 23-12 19-13	35-27 23-15 20-13	410-220 350-210 320-150	250-150 250-150 200-125
190-150 80-60 70-55	310-140 100-55 95-45	220-100 80-45 75-37	190-95 65-37 60-32	175-145 70-60 65-55	170-80 65-35 60-30	- - -	- - -	- - -	- - -

								TOUGHNESS >>>>

Cutting speed recommendations, inch values

The recommendations are valid for use with cutting fluid.

ISO P		Steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC3115	GC4325
					h_{ex}, inch ≈ feed, f_n inch/r		
	CMC				.002-.020	.002-.020	.002-.020
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Unalloyed					
P1.1.Z.AN	01.1	C = 0.1–0.25%	216,500	125	770-550	1150-610	1100-590
P1.2.Z.AN	01.2	C = 0.25–0.55%	233,000	150	720-510	1050-460	1050-460
P1.3.Z.AN	01.3	C = 0.55–0.80%	247,000	170	690-475	980-405	950-395
		Low-alloy ≤5%					
P2.1.Z.AN	02.1	Non-hardened	249,500	180	670-475	950-440	920-415
P2.5.Z.HT	02.2	Hardened and tempered	268,000	275	600-400	880-335	860-320
P2.5.Z.HT	02.2	Hardened and tempered	298,000	350	485-320	710-270	700-255
		High-alloy >5%					
P3.5.Z.AN	03.11	Annealed	282,000	200	425-320	840-375	830-345
P3.5.Z.HT	03.21	Hardened tool steel	435,000	325	260-180	670-245	640-235
		Castings					
P1.5.C.UT	06.1	Unalloyed	225,000	180	490-330	570-235	540-230
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	230,500	200	440-280	650-290	620-280
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	300,500	225	375-230	520-245	425-315
P3.2.C.AQ	06.33	Manganese steel, 12–14% Mn	420,500	250	245-165	290-155	275-145

ISO M		Stainless steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC1105	GC1005
					h_{ex}, inch ≈ feed, f_n inch/r		
	CMC				.002-.020	.002-.020	.002-.020
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Ferritic/martensitic					
		Bars/forged					
P5.0.Z.AN	05.11	Non-hardened	262,000	200	640-440	770-360	1300-570
P5.0.Z.PH	05.12	PH-hardened	411,500	330	450-310	610-280	710-305
P5.0.Z.HT	05.13	Hardened	340,000	330	485-330	660-295	840-365
		Austenitic					
		Bars/forged					
M1.0.Z.AQ	05.21	Austenitic	259,000	180	620-430	870-410	1450-610
M1.0.Z.PH	05.22	PH-hardened	414,000	330	370-255	610-295	770-330
M2.0.Z.AQ	05.23	Super austenitic	328,000	200	420-290	660-315	860-370
		Austenitic-ferritic (Duplex)					
		Bars/forged					
M3.1.Z.AQ	05.51	Non-weldable ≥ 0.05%C	286,500	230	375-295	740-345	1100-475
M3.2.Z.AQ	05.52	Weldable < 0.05%C	356,500	260	295-225	610-295	980-420
		Ferritic/martensitic					
		Cast					
P5.0.C.UT	15.11	Non-hardened	246,500	200	540-375	-	-
P5.0.C.HT	15.13	Hardened	311,000	330	355-245	-	-
		Austenitic					
		Cast					
M1.0.C.UT	15.21	Austenitic	248,000	180	520-360	-	-
	15.22	PH-hardened	356,000	330	320-220	-	-
		Austenitic-ferritic (Duplex)					
		Cast					
M3.1.C.AQ	15.51	Non-weldable ≥ 0.05%C	258,000	230	335-260	-	-
M3.2.C.AQ	15.52	Weldable < 0.05%C	326,500	260	260-200	-	-

ISO K		Cast iron	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					GC3115	GC4325	GC1125
					h_{ex}, inch ≈ feed, f_n inch/r		
	CMC				.002-.020	.002-.020	.002-.020
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Malleable					
	07.1	Ferritic (short chipping)	115,000	130	1100-560	1050-550	830-415
K1.1.C.NS	07.2	Pearlitic (long chipping)	131,000	230	810-370	760-350	560-310
		Grey					
K2.1.C.UT	08.1	Low tensile strength	130,000	180	950-450	900-430	680-365
K2.2.C.UT	08.2	High tensile strength	140,500	220	810-395	780-370	570-295
		Nodular SG iron					
K3.1.C.UT	09.1	Ferritic	130,000	160	850-375	810-350	600-320
K3.3.C.UT	09.2	Pearlitic	194,500	250	670-325	640-300	485-250
K3.4.C.UT	09.3	Martensitic	307,500	380	470-230	450-220	330-180

						TOUGHNESS >>>>
GC1115	GC1125	GC1025	GC1135	GC1145	GC235	
.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	
1200-580 1050-470 950-415	960-475 860-380 770-340	770-370 680-295 610-270	670-330 590-250 570-235	650-330 600-245 570-225	530-430 490-385 460-345	
940-450 820-375 660-305	770-365 660-305 530-245	600-280 540-245 435-195	570-260 500-220 400-180	580-275 530-230 425-185	460-355 390-275 315-220	
830-380 600-250	670-305 490-205	550-250 395-160	500-225 335-140	520-235 350-140	230-205 145-110	
- - - -	440-210 520-275 395-170 225-130	365-175 425-220 265-155 180-95	335-160 390-200 295-130 160-95	360-170 410-205 280-120 -	325-220 295-185 260-155 325-260	

							TOUGHNESS >>>>
GC1115	GC1125	GC1025	GC1135	GC1145	GC235	H13A	
.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	
770-355 600-275 650-295	620-285 480-220 520-235	520-230 385-170 420-185	470-210 350-150 385-165	485-195 365-150 410-170	425-320 300-225 320-245	295-225 195-130 220-170	
870-415 600-290 650-315	700-335 485-230 520-250	570-270 385-180 415-200	530-230 340-160 370-180	530-215 355-165 335-160	415-315 245-185 280-210	320-215 160-110 215-145	
730-350 610-295	580-280 490-235	475-225 390-185	440-190 360-165	470-195 375-165	410-310 310-230	- -	
700-325 -	560-260 470-215	455-205 390-170	425-190 360-150	450-175 375-150	360-275 235-180	250-190 165-125	
750-365 495-260	600-290 395-205	485-230 310-160	445-190 295-145	470-195 300-140	350-265 210-160	230-155 140-95	
640-305 510-265	510-245 405-210	410-190 335-165	375-170 300-145	- -	365-275 270-205	- -	

							TOUGHNESS >>>>
GC1125	GC1025	H13A	GC1135				
.002-.020	.002-.020	.002-.020	.002-0.020				
830-415 560-310	670-325 455-255	325-275 230-175	1050-550 760-350				
680-365 570-295	560-280 460-235	265-210 260-200	900-430 780-370				
600-320 485-250 330-180	490-225 390-200 270-140	230-175 195-145 135-100	810-350 640-300 450-220				

Cutting speed recommendations, inch values

The recommendations are valid for use with cutting fluid.

ISO N		Non-ferrous material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CD10	GC1005	H10
					h_{ex}, inch ≈ feed, f_n inch/r		
	CMC				.002-.020	.006-.031	.002-.020
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Aluminium alloys					
N1.2.Z.UT	30.11	Wrought or wrought and coldworked, non-aging	58,000	60	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
N1.2.Z.AG	30.12		94,500	100	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
		Aluminium alloys					
N1.3.C.UT	30.21	Cast. non aging	87,000	75	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
N1.3.C.AG	30.22	Cast or cast and aged	101,500	90	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
	30.41	Cast, 13–15% Si	101,500	130	5250 (6550-660)	1650 (2050-205)	1500 (1900-190)
N1.4.C.NS	30.42	Cast, 16–22% Si	101,500	130	2600 (3250-325)	1150 (1450-145)	980 (1250-125)
		Copper and copper alloys					
N3.3.U.UT	33.1	Free cutting alloys, ≥1% Pb	79,500	110	1950 (2450-245)	1650 (2050-205)	1650 (2050-205)
N3.2.C.UT	33.2	Brass, leaded bronzes, ≤1% Pb	80,000	90	1950 (2450-245)	1650 (2050-205)	1650 (2050-205)
N3.1.U.UT	33.3	Bronze and non-leadad copper incl. electrolytic copper	196,000	100	980 (1250-125)	980 (1250-125)	980 (1250-125)

ISO S		Heat resistant super alloys	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					S05F	GC1105	GC1005
					h_{ex}, inch ≈ feed, f_n inch/r		
	CMC				.002-.012	.002-.012	.002-.012
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Iron base					
S1.0.U.AN	20.11	Annealed or solution treated	348,000	200	660-435	590-385	590-385
S1.0.U.AG	20.12	Aged or solution treated and aged	359,000	280	550-360	490-320	490-320
		Nickel base					
S2.0.Z.AN	20.21	Annealed or solution treated	383,000	250	330-200	295-185	295-185
S2.0.ZAG	20.22	Aged or solution treated and aged	420,500	350	295-200	265-165	265-165
S2.0.C.NS	20.24	Cast or cast and aged	436,500	320	255-160	235-150	235-150
		Cobalt alloys					
S3.0.Z.AN	20.31	Annealed or solution treated	391,500	200	330-215	295-185	295-185
S3.0.Z.AG	20.32	Solution treated and aged	432,000	300	295-180	265-165	265-165
S3.0.C.NS	20.33	Cast or cast and aged	450,500	320	255-160	235-150	235-150
Titanium		**Commercial pure**		**Rm[1)]**			
S4.1.Z.UT	23.1	(99.5% Ti)	188,500	**400**	-	-	-
		Titanium alloys					
S4.2.Z.AN	23.21	α, near α and α + β alloys, annealed	203,000	**950**	-	-	-
S4.3.Z.AG	23.22	α + β alloys in aged conditions, β alloys, annealed or aged	203,000	**1050**	-	-	-

ISO H		Hardened material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CB20	CC670	CB7015
					h_{ex}, inch ≈ feed, f_n inch/r		
	CMC				.002-.004	.002-.004	.002-.004
MC No.	No.	Material	lbs/in²	HB	Cutting speed (V_c) ft/min		
		Extra hard steel					
H1.3.Z.HA	04.1	Hardened and tempered	625,500	60 HRC	420-400	355-320	475-450
		Chilled					
H2.0.C.UT	10.1	Cast or cast and aged	326,500	400	650-640	360-325	-

1) Rm = ultimate tensile strength measured in MPa.

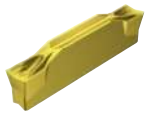
						TOUGHNESS >>>>
GC1125	GC1025	H13A				
.002-.031	002-.031	.002-.031				
4900 (6150-610) 4900 (6150-610)	4900 (6150-610) 4900 (6150-610)	4900 (6150-610) 4900 (6150-610)				
4900 (6150-610) 4900 (6150-610)	4900 (6150-610) 4900 (6150-610)	4900 (6150-610) 4900 (6150-610)				
1300 (1650-165) 820 (1050-105) 1150 (1450-145) 1300 (1650-165) 820 (1050-105)	1300 (1650-165) 820 (1050-105) 1150 (1450-145) 1300 (1650-165) 820 (1050-105)	1300 (1650-165) 820 (1050-105) 1150 (1450-145) 1300 (1650-165) 820 (1050-105)				

									TOUGHNESS >>>>
H10	GC1115	GC1125	GC1025	H13A	GC1135	GC1145	GC235	CC670	CB7015
.002-.012	.002-.012	.002-.012	.002-.012	.002-.012	.002-.012	.002-.012	.002-.012	.002-.012	.002-.012
- -	330-180 235-135	260-140 185-110	195-115 145-90	165-120 130-85	165-95 130-85	150-145 115-75	165-120 130-85	- -	- -
- - -	215-130 190-105 140-75	170-105 150-85 115-60	145-90 130-75 100-50	100-75 65-45 65-45	130-85 115-70 80-31	95-75 65-40 65-40	100-75 65-45 65-45	1950-1050 1650-810 820-390	1300-980 1150-820 650-410
- - -	235-155 190-105 140-75	185-125 150-85 115-60	165-110 130-75 100-50	115-90 75-50 65-45	145-90 115-55 80-45	115-75 75-37 65-40	115-90 75-50 65-45	1350-720 1150-680 1050-490	820-490 820-490 650-410
620-485	1000-455	720-325	620-310	570-470	550-265	-	-	-	-
255-195	330-180	265-140	210-120	235-190	-	-	-	-	-
230-180	310-155	245-120	200-105	215-175	-	-	-	-	-

						TOUGHNESS >>>>

CoroCut® 1-2

Parting

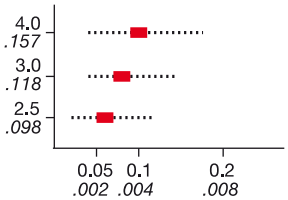


123-CF

Wiper TECHNOLOGY

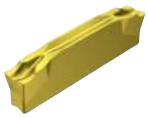
Low feed choice

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

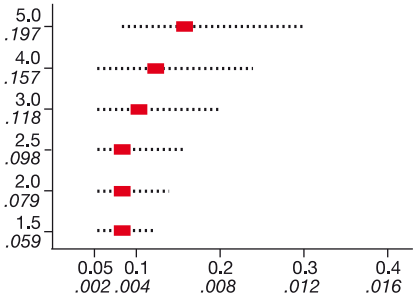
Stainless steels and sticky materials
Very good chip control at low feeds.
The positive geometry eliminates the risk of built-up edge.
Gives soft cutting action.
Generates good surface finish, due to wiper design on the side.
Available as CoroCut 2-edge inserts.



123-CM

Medium feed choice

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

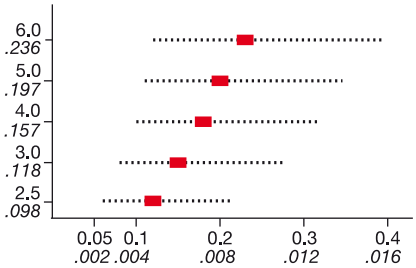
Parting off stainless steels
Also recommended for thin walled tubes and small diameter components in all materials.
The positive geometry eliminates the risk of built-up edge.
Low cutting forces resulting in reduced vibration.

Available as CoroCut 1 and 2-edged inserts.

123-CR

High feed choice

Radial feed
Insert width (CW), mm, inch



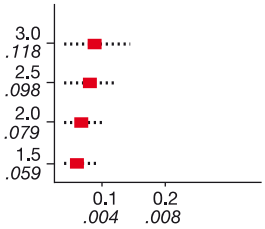
Feed (f_n), mm/r, inch/r

Rough machining
Strong cutting edges, reduce risk of edge fractures.
Suitable for parting off bars and interrupted cuts.
For steel and cast iron, but also suitable for stainless steels when there is a need for strong edges.
Available as CoroCut 1 and 2-edged inserts.

123-CS

Low feed

Radial feed
Insert width (CW), inch



Feed (f_n), mm/r, inch/r

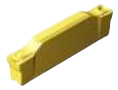
Pip and burr free machining.
Ideal solution for minimizing pips and burrs on components thanks to the sharp cutting edge and front angles of 10° and 15°.
Recommended for small components.
Suitable for free cutting steel.
Available as CoroCut 2-edge inserts.

■ = Recommended starting value.

For cutting speed recommendations, see page B174

CoroCut® 1-2

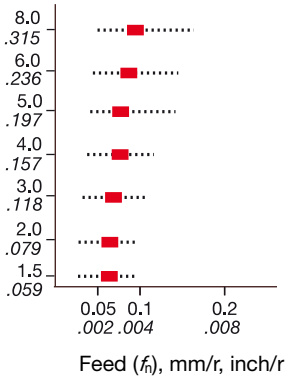
Grooving



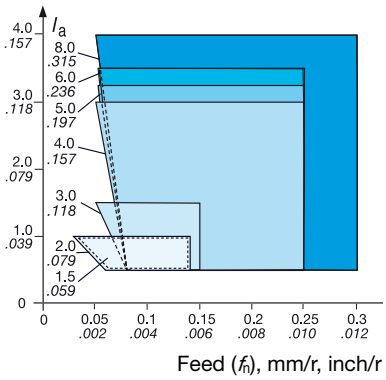
123-GF

Low feed choice

Radial feed
Insert width (CW), mm, inch



Axial feed
Cutting depth (a_p), mm, inch



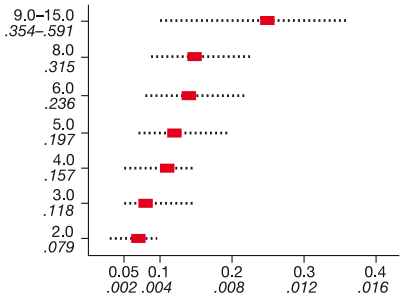
For precision grooves
Good accuracy and repeatability due to tight tolerances on inserts.
Low cutting forces and good surface finishing due to sharp cutting edge.
Large number of different widths,
Designed for side turning.
Available as CoroCut 2-edge inserts.
Can be ordered as Tailor Made with different insert width and corner radii.

123-GM

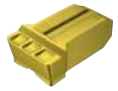
Medium feed choice

M Seat size
l_a, mm (inch)
9-11 (.354-.433)

Radial feed
Insert width (CW), mm, inch

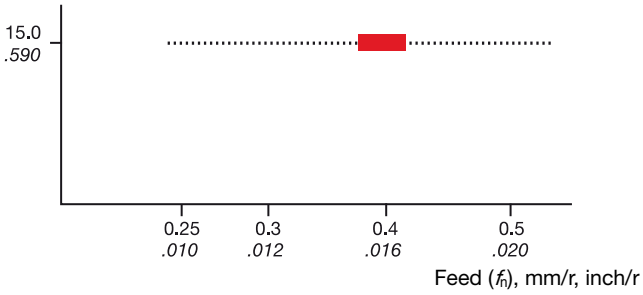


Grooving in all materials
Outstanding chip control.
Reduces chip width giving good surfaces.



123-GR

Radial feed
Insert width (CW), mm, inch



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 B174

CoroCut® 1-2

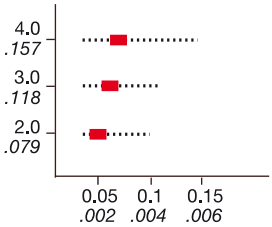
B

Grooving

123-GS

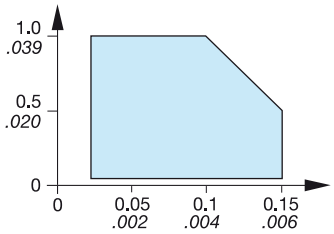
Low feed choice

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

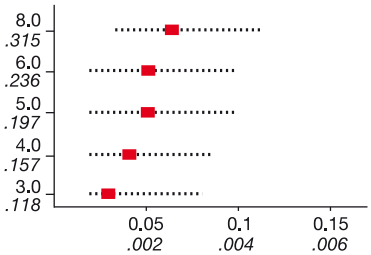
Allround geometry for grooving with low feed in most materials.
Perphery ground with sharp cutting edge.

C

123-S

Cubic boron nitride tipped

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Alternative for finish grooving of hardened materials
Maintains close tolerances and gives excellent finish on components.
Available as CoroCut 1-edged inserts.

D

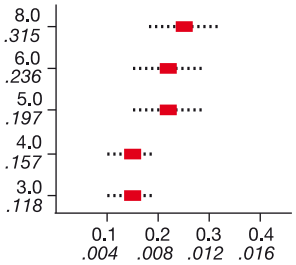
E

Profiling

123-RM

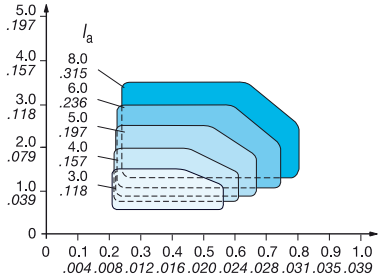
Medium feed choice

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

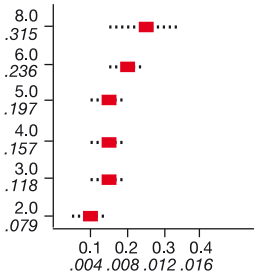
Excellent for profiling in all materials
Outstanding chip control even at low feeds and small depths of cut.
Good surface finish.
Available as CoroCut 1 and 2-edged inserts.

F

G

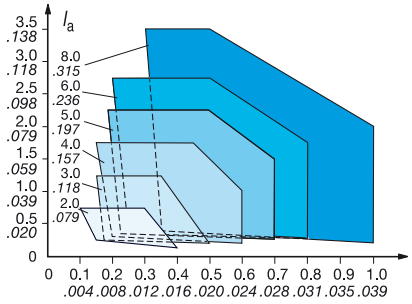
123-RO

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

Excellent for profiling in stainless steel, HRSA and other sticky materials
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.

H

I

■ = Recommended starting value.

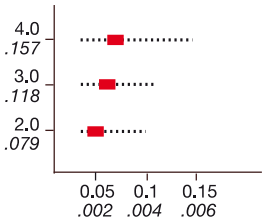
For cutting speed recommendations, see page B174

CoroCut® 1-2

Profiling

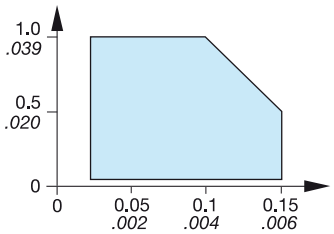
123-RS

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



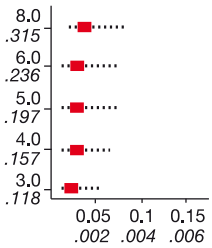
Feed (f_n), mm/r, inch/r

Allround geometry for profiling with low chip thickness in most materials.
Perphery ground with sharp cutting edge.

123-RE

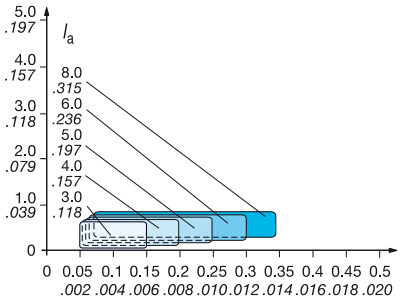
Cubic boron nitride tipped

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



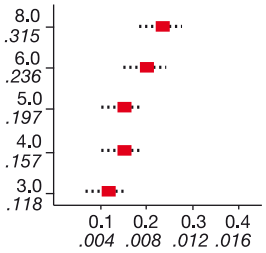
Feed (f_n), mm/r, inch/r

Alternative for finish profiling of hardened materials
Gives outstanding productivity and exceptional surface finish.
Available as CoroCut 1- edged inserts.

123-RS

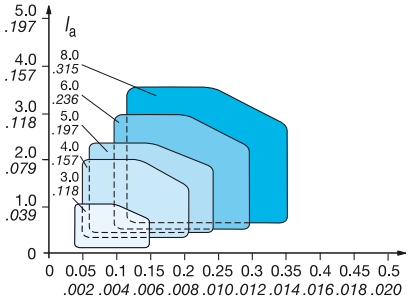
Diamond tipped

Radial feed
Insert width (CW), inch



Feed (f_n), inch/r

Axial feed
Cutting depth (a_p), inch



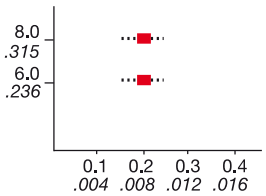
Feed (f_n), inch/r

Alternative for finish profiling of non-ferrous materials.
Gives outstanding productivity and exceptional surface finish.
For use under stable conditions.
Available as CoroCut 1-edged inserts.

Aluminium profiling

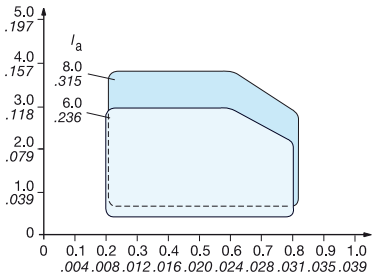
123-AM

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

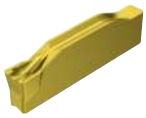
First choice for profiling in non-ferrous materials.
Good chip flow giving good surface finish.
Sharp cutting edge.
Available as CoroCut 2-edge inserts.

■ = Recommended starting value.

For cutting speed recommendations, see page B174

CoroCut® 1-2

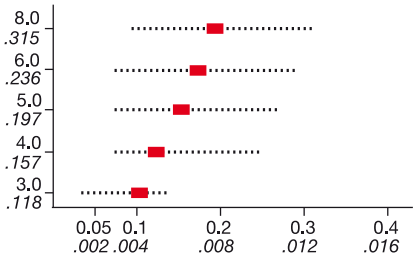
Turning and plunge turning



123-TF

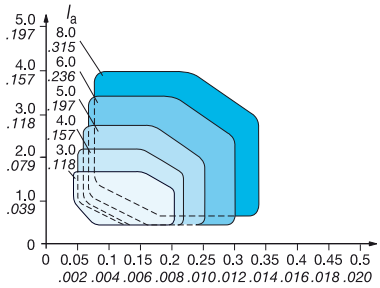
Low feed choice

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



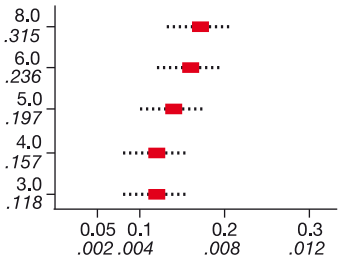
Feed (f_n), mm/r, inch/r

Suitable for all turning operations in stainless steels.
The positive geometry eliminates the risk of built-up edge.
Good chip control and surface finish.
Wiper design on the side.
Available as CoroCut 1 and 2-edged inserts.
First choice for face grooving.

123-TM

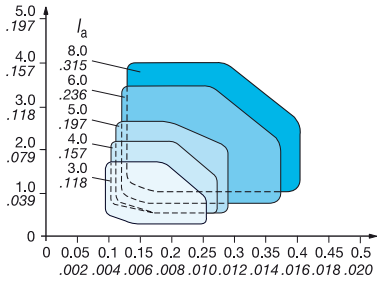
Medium feed choice

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch

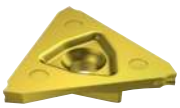


Feed (f_n), mm/r, inch/r

General turning operations
The positive geometry eliminates the risk of built-up edge.
Available as CoroCut 2-edge inserts.

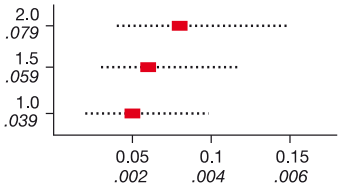
CoroCut® 3-edge inserts

Shallow parting



123-CM

Radial feed
Insert width (CW), mm, inch

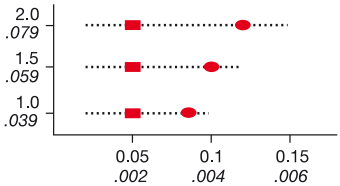


Feed (f_n), mm/r, inch/r

First choice for shallow parting
First choice in most materials
Sharp edge line, chip breaking geometry
To be used at normal cutting speeds 100 – 250 m/min (330 – 820 ft/min)

123-CS

Radial feed
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

First choice for shallow parting at low speeds
For sticky materials and ball bearing materials
Extremely sharp edge line with an open chip former
To be used for non-ferrous materials at normal cutting speeds 100 – 250 m/min (330 – 820 ft/min)
Right (R) or left (L) hand inserts to be used for pip and burr free machining

■ = Recommended starting value at normal speeds
● = Recommended starting value at low speeds

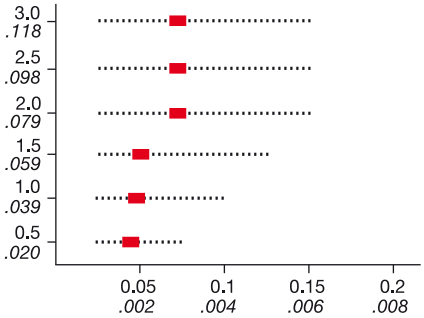
For cutting speed recommendations, see page B174

CoroCut® 3

Grooving

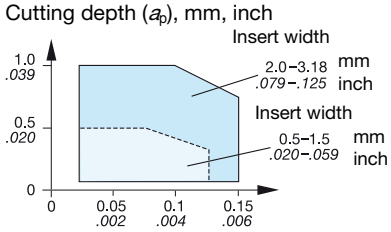
123-GS

Radial feed
Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch

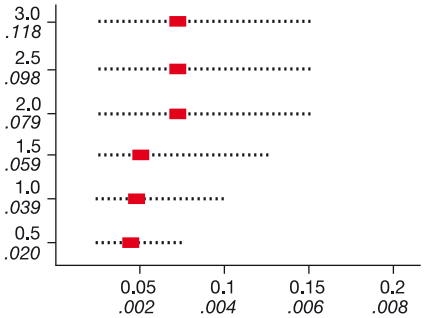


Feed (f_n), mm/r, inch/r

Profiling

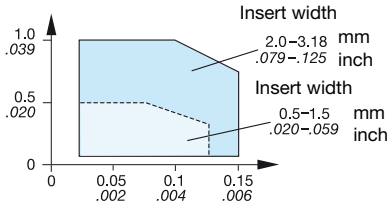
123-RS

Radial feed
Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

■ = Recommended starting value at normal speeds
● = Recommended starting value at low speeds
For cutting speed recommendations, see page B174

T-Max Q-Cut®

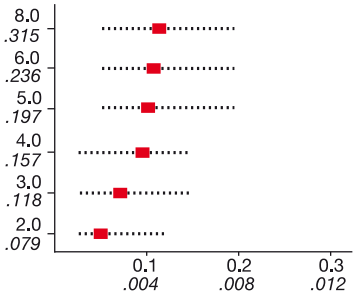
B

Internal grooving

151.3-4G

Low feed choice

Radial feed
Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Note:
Inserts type 151.3 (-4G, -7G and -7P) can only be used with holders type F151.37 or bars type AG151.32

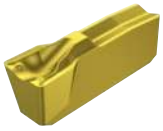
Alternative choice for internal grooving of smallest bores.?

Good accuracy and repeatability due to tight tolerances on inserts.
Low cutting forces and good chip control in a wide range of materials.
Sharp cutting edge.

C

D

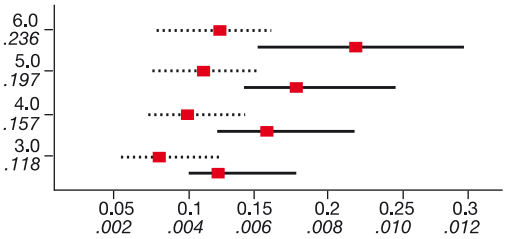
Face grooving



151.3-7G

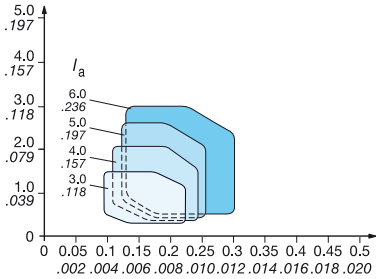
Medium feed choice

Radial feed
Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

E

F

····· = Axial feed, approx. range, inch/r, first cut
———— = Axial feed, approx. range, inch/r, opening cut

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.

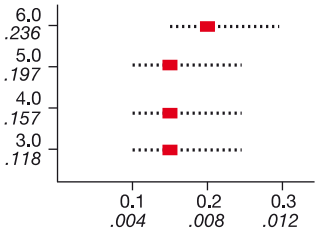
First choice for internal turning/grooving

Good chip control.Generates good surface finish, due to Wiper design.

G

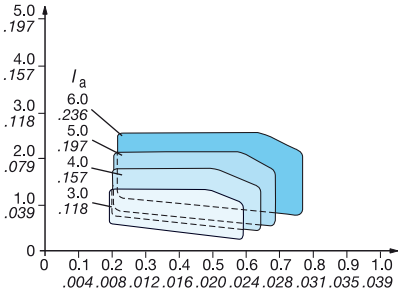
151.3-7P

Radial feed
Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed
Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

For profiling in face grooving operations.

Good chip control in both axial and radial direction.
Well suited also for internal profiling operations.

H

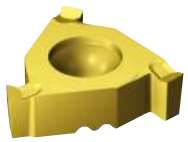
■ = Recommended starting value.

For cutting speed recommendations, see page B174

I

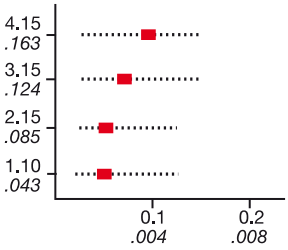
CoroThread®

Circlip grooving



254R/LG

Radial feed
Insert width (W1), mm, inch



Feed (f_n), mm/r, inch/r

Alternative for good economy when grooving circlips.

High productivity and reliability through low cutting forces with reduced vibration.
Three cutting edges give good economy.
Recommended for use in all materials.

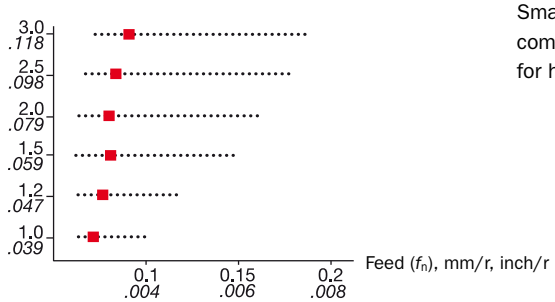
■ = Recommended starting value.

For cutting speed recommendations, see page B174

CoroCut® QD

QD-N..-CF

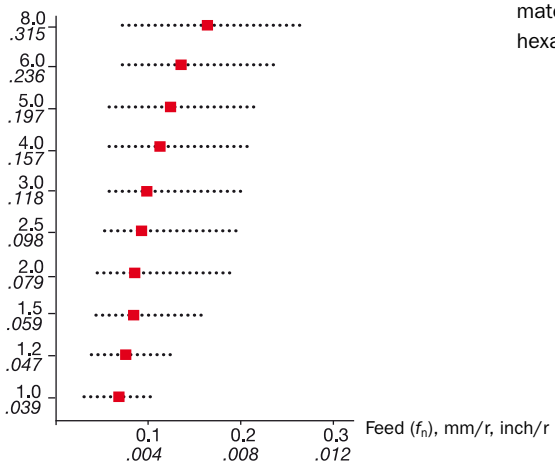
Radial feed
Cutting width (CW), mm, inch



Positive geometry for low feed
First choice for thin walled components and small diameters. Small corner radii and positive geometry reduce pip and burr on component in stainless steel and sticky materials. Wiper corners for high surface finish.

QD-N..-CM

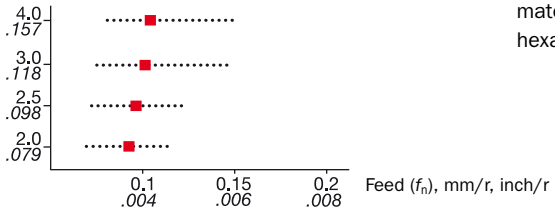
Radial feed
Cutting width (CW), mm, inch



First choice, universal geometry
First choice for parting off to center at good conditions in most materials and light intermittent applications such as parting hexagonal bars.

QD-R/L..-CM

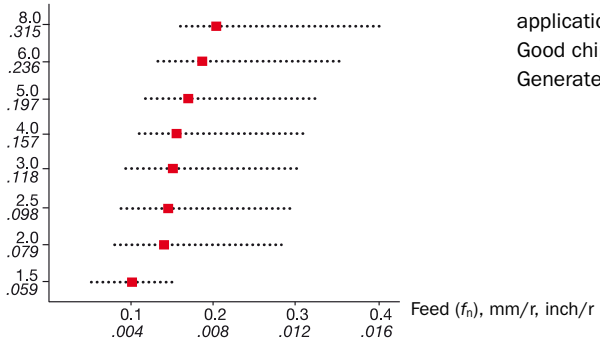
Radial feed
Cutting width (CW), mm, inch



Universal geometry
For reducing pip and burr in parting off at good conditions in most material and light intermittent applications such as parting hexagonal bars.

QD-N..-CR

Radial feed
Cutting width (CW), mm, inch



Strong geometry, negative cutting edge
First choice for parting off to center at rough conditions and applications with severe intermittence.
Good chip control at high feed.
Generates flat groove bottom.

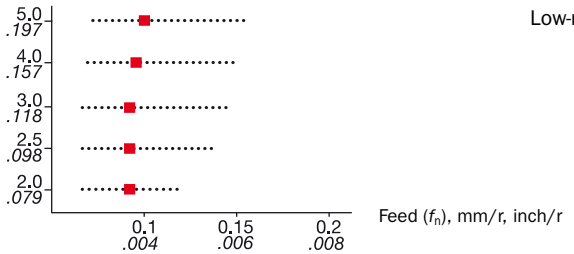
■ = Recommended starting value.

For cutting speed recommendations, see page B174

CoroCut® QD

QD-N..-CL

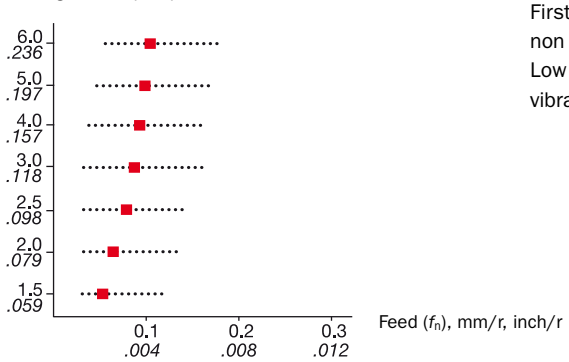
Radial feed
Cutting width (CW), mm, inch



Aggressive geometry for long chipping material
Good chip breaking in low carbon steel, bearing steel and other sticky materials
Low-medium feeds.

QD-N..-CO

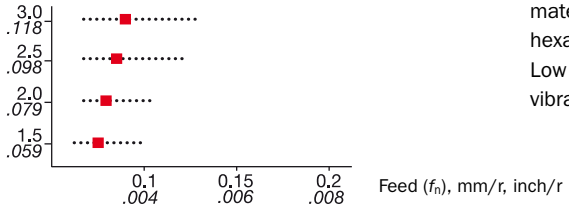
Radial feed
Cutting width (CW), mm, inch



Optimizer geometry – front ground, sharp cutting egde
First choice for HRSA (ISO S) materials, duplex stainless steels & non ferrous metals
Low cutting forces, reduce built-up edge and minimize risk for vibrations.

QD-R/L..-CO

Radial feed
Cutting width (CW), mm, inch

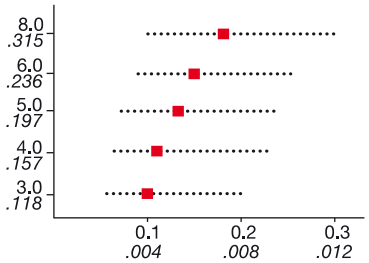


Optimizer geometry – front ground, sharp cutting egde
For reducing pip and burr in parting off at good conditions in most material and light intermittent applications such as parting hexagonal bars.
Low cutting forces, reduce built-up edge and minimize risk for vibrations.

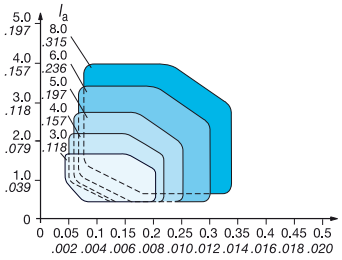
QD-N..-TF

Wiper TECHNOLOGY

Radial feed
Cutting width (CW), mm, inch



Axial feed
Cutting depth (a_p), mm, inch

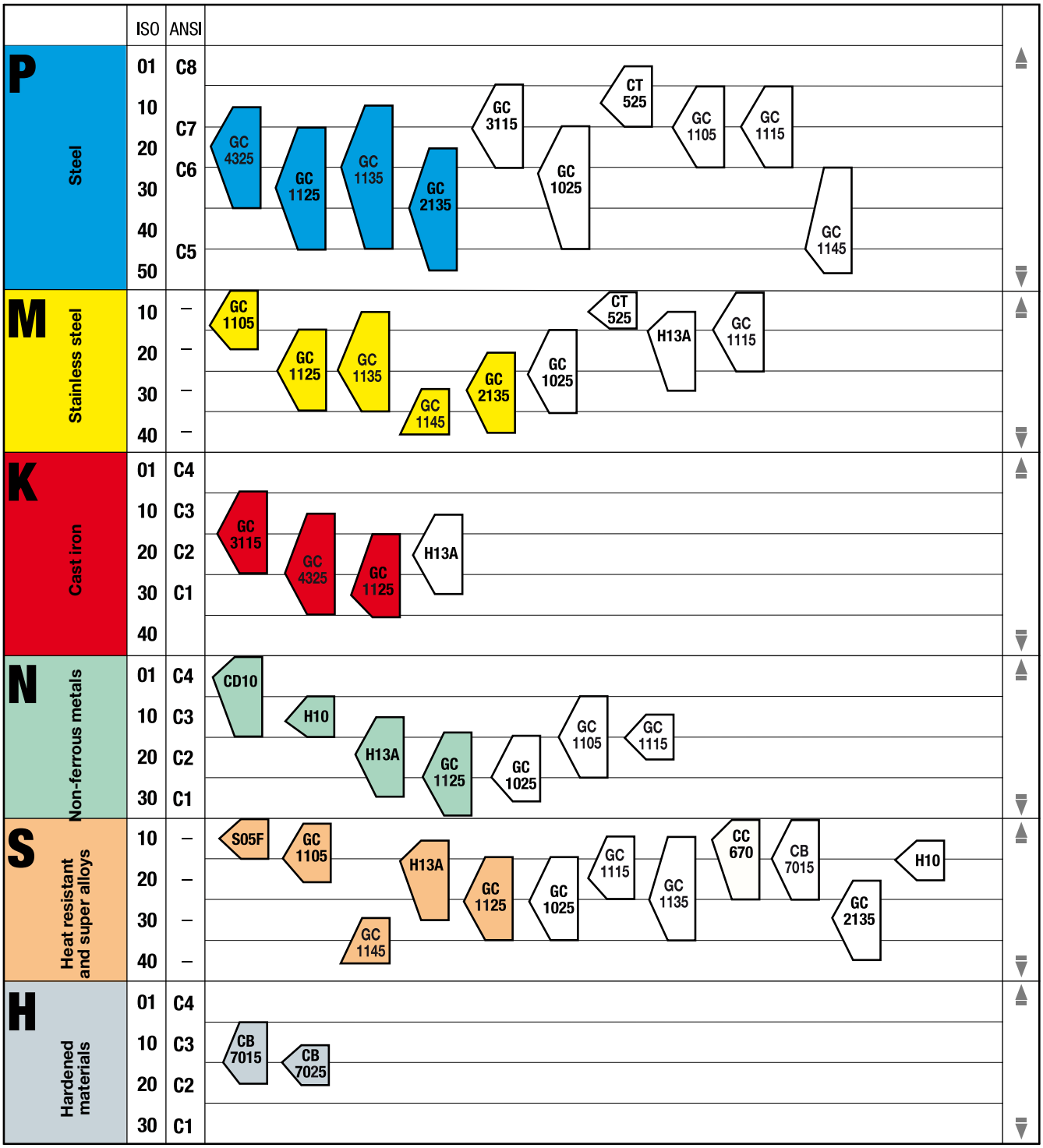


First choice geometry for turning wider grooves
Our most universal geometry, for turning of grooves in all materials.
Positive geometry gives low cutting forces and good chip control.
Good surface finish thanks to wiper design.
Generates flat bottom grooves.

■ = Recommended starting value.

For cutting speed recommendations, see page B174

Grades for parting and grooving



The position and form of the grade symbols indicate the suitable field of application.


= Basic grades


= Complementary grades

Grades for parting and grooving

P Steel, cast steel, long chipping malleable iron

Basic 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.
GC3020 (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 being effective in hard steels. To be used at high cutting speeds under good conditions.
GC4325 (HC) - P20 (P10-P35)
An all-round CVD-coated grade with excellent combination of high wear resistance and good edge security, first choice for grooving and turning operations under stable conditions. Medium to high cutting speeds.
GC1025 (HC) – P25 (P15–P45)
An excellent all-round grade for parting-off, grooving and turning operations. This PVD-coated grade works very well in low carbon steel and other smearing materials. Speeds and feeds from medium to low.

GC1125 (HC) - P30 (P15-P45)
This improved PVD-coated cemented carbide is an excellent allround grade. A first choice for parting-off tubes in steel. Also very good in grooving and turning operations. Speeds and feeds from medium to low.
GC1135 (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

CT525 (HT) – P10 (P01-P15)
A titanium based 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.
GC235 (HC) – P45 (P25-P50)
Parting and grooving of steel in operations requiring toughness. Suitable for low speeds and under unfavourable conditions.
GC1115 (HC) – P15 (P05-P25)
Recommended to be used as a complementary grade at low feedrate or medium cutting speed.
GC1105 (HC) - P15 (P05-P25)
Recommended only for Small Part Machining and to be used as a complementary grade to GC1025 at low feed rate or medium cutting speed.

M Austenitic/ferritic/martensitic stainless steel, cast steel, manganese steel, alloy cast iron, malleable iron, free cutting steel.

Basic grades

GC1105 (HC)-M15 (M05-M20)
The substrate consists of a hard fine-grained WC with 6% Co for high hot hardness and good resistance against plastic deformation. The new thin PVD TiAlN-coating with excellent adhesion, also on sharp edges, guarantees toughness, even flank wear and high performance. Suitable for finishing of stainless steels at high speeds.
GC1125 (HC) - M25 (M15-M35)
An improved allround PVD-coated grade. This grade has a combination of high wear resistance and good edge security for stainless steels. First choice for grooving and turning operations. Also good for parting-off, especially tubes. Medium to low cutting speeds.
GC1135 (HC) – M30 (M20-M40)
First choice CVD-coated carbide grade for parting-off in stainless steel and other toughness demanding operations. Very good bulk and edge line toughness. To be used at medium to low cutting speeds.
GC1025 (HC) - M25 (M15-M35)
An excellent all-round PVD-coated grade with a combination of high wear resistance and good edge security for stainless steels. Recommended for grooving and turning operations, also good for parting-off especially tubes. Medium to low cutting speeds.
GC1145 (HC) – M40 (M40-M50)
This grade is a solution for stainless steel applications with very high demands on toughness behavior. It is suitable in parting off operations and applications demanding very good edge line toughness. The grade is coated with a PVD-oxide that works well in smearing materials. The substrate has an extremely good bulk toughness and should be used at low cutting speeds.

Complementary grades

GC1005 (HC) – M10 (M05-M20)
PVD-coated carbide. The combination of a hard fine grain substrate with good plastic deformation resistance and a coating with high wear resistance at high temperatures, makes this grade suitable for finishing of stainless steels at high speeds.
CT525 (HT) – M10 (M05-M15)
A titanium based grade with excellent resistance to oxidation and smearing. For high quality surface finishes when grooving stainless steels under good conditions. Moderate cutting speeds and feeds.
H13A (HW) – M15 (M10-M30)
Combines good abrasive wear resistance and toughness for grooving of heat resistant steels and titanium alloys.
GC235 (HC) – M35 (M25-M40)
Parting and grooving of stainless steels where toughness is required. Use at low speeds and under unfavourable conditions.
GC1115 (HC) – M15 (M05-M25)
A PVD coated fine-grained carbide. The substrate has high hot hardness and good resistance against plastic deformation combined with good edge line security. The thin PVD-oxide coating with excellent resistance to smearing material and good adhesion on sharp edges. This guarantees toughness,even flank wear and high performance.

Grades for parting and grooving

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

Basic grades

GC3115 (HC) – K15 (K05-K25)
A very high wear resistant CVD-coated grade for high cutting speeds in grooving and turning under good conditions. Due to its excellent hot hardness also effective on hard cast-iron.
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.
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
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.
GC1135 (HC) - K20 (K10-K30)
Good allround PVD-coated grade with good wear resistance and very good edge line toughness for toughness demanding threading operations in K-area.

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)
Good abrasive wear resistance and toughness for parting/grooving of cast iron.
GC1115 (HC) - K15 - (K05-K25)
Recommended to be used as a complementary grade at low feedrate or medium cutting speed.

N Non ferrous metals

Basic grades

CD10 (DP) – N01 (N01-N15)
A polycrystalline diamond (PCD) grade recommended for machining of non-ferrous metals and non-metallic materials. Very good surface finish.
H10 (HW) – N10 (N05-N15)
Uncoated carbide grade with good edge sharpness. Recommended for machining of Aluminium and for intermittent cuts.
GC1005 (HC) - N10 (N05-N15)
PVD-coated carbide grade.The combination of a hard fine grain substrate and a coating with high wear resistance, makes this grade most suitable for roughing of aluminium.
H13A (HW) – N20 (N10-N30)
Uncoated carbide grade. Combines good abrasive wear resistance and toughness for parting and grooving of Aluminium alloys.
GC1025 (HC) - N25 (N15-N20)
A PVD-coated grade for toughness demanding operations, recommended for interrupted cuts.
GC1125 (HC) - N25 (N15-N35)
A PVD-coated grade for toughness demanding operations, recommended for interrupted cuts

Complementary grades

GC1105 (HC) - N15 (N05-N25)
A PVD-coated grade with excellent adhesion on sharp edges, guarantees toughness, even flank wear and high performance.
GC1115 (HC) - N15 (N10-N20)
A PVD coated fine-grained carbide for applications when sharp edges are needed. The combination of a hard substrate with good edge line security and a coating with high wear resistance makes this grade suitable for toughness demanding operations in non ferrous 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 parting and grooving

S Heat resistant and super alloys

Basic grades

S05F (HC) - S10 (S05-S15)
MT-CVD-coated TiCN-Al2O3-TiN layer with a fine grained carbide substrate. An allround grade for heat resistant super alloys. Both for high speed finishing and roughing operations.

GC1105 (HC) - S15 (S10-S20)
The substrate consists of a hard fine-grained WC with 6% Co for high hot hardness and good resistance against plastic deformation. The new thin PVD TiAlN-coating with excellent adhesion, also on sharp edges, guarantees toughness, even flank wear and outstanding performance in heat resistant super alloys.
GC1005 (HC) – S15 (S10-S20)
PVD-coated carbide. The combination of a hard fine grain substrate with good plastic deformation resistance and a coating with high wear resistance at high temperatures, makes this grade most suitable for Ni, Fe or Co-based heat resistant super alloys.
H13A (HW) – S15 (S10-S30)
Uncoated carbide grade. Combines good abrasive wear resistance and toughness for parting and grooving. First choice in titanium.
GC1025 (HC) - S25 (S15-S35)
A PVD-coated grade for toughness demanding operations, recommended for interrupted cuts. To be used at low cutting speeds.

GC1125 (HC) - S25 (S15-S35)
A PVD-coated grade for toughness demanding operations, reccommended for interrupted cuts. To be used at low cutting speeds
CC670 (CA) – S10 (S05-S25)
A silicon carbide whisker reinforced aluminium oxide based ceramic with excellent bulk toughness. Recommended for heat resistant alloys under favourable conditions.
CB7015 (BN) – S15 (S05-S25)
A high performance cubic boron nitride composite also suited for heat resistant super alloys. This grade allows sharp edges optimized for surface finish and low dept of cuts.
GC1145 (HC) – S40 (S40-S50)
A first choice when parting off in heat resistance super alloys due to a very secure grade. The tough substrate is coated with a PVD coating including an oxide layer to improve the heat protection. To be used at low cutting speeds.
GC1115 (HC) – S20 (S10-S25)
Recommended for heat resistant super alloys. A PVD coated fine-grained carbide with high hot hardness combined with superoir edge line security. Good resistance against notch makes the grade suitable to use in difficult materials.

Complementary grades

H10 (HW) – S15 (S10-S20)
Uncoated carbide grade with good edge sharpness. Recommended for finishing in Titanium.
GC1135 (HC) – S30 (S20 – S40)
A CVD-coated grade for toughness demanding operations such as cut-off to centre and interrupted cuts in heat resistant super alloys.
GC235 (HC) – S30 (S25-S40)
A CVD-coated carbide grade for parting and grooving of heat resistant super alloys. Use at low cutting speeds.

H Hardened materials

Basic grades

CB20 (BN) – H01 (H01-H10)
High performance Cubic Boron Nitride composite. Suitable for hardened ferrous materials. Can be used for both continuous and interrupted cuts.
CC670 (CA) – H10 (H05-H15)
A silicon carbide whisker reinforced aluminium oxide based ceramic with excellent bulk toughness. Primarily recommended for heat resistant alloys and hard part turning under unfavourable conditions
CB7015 (BN) - H15 (H05-H20)
High performance Cubic Boron Nitride composite for hardened ferrous materials. Suitable for both continuous and interrupted cuts.

CB7025 (BN) - H15 (H10-H20)
High performance, medium content Cubic Boron Nitride grade. First choice for cuts with substantial elements of heavy interruptions with otherwise continuous cuts at medium speeds in case hardened steels.