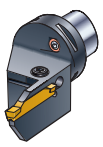
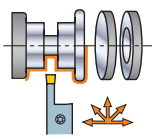
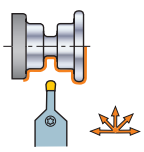
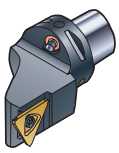
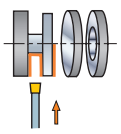
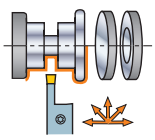
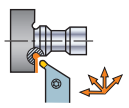
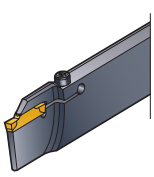
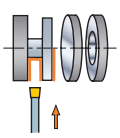
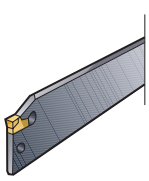
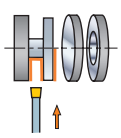
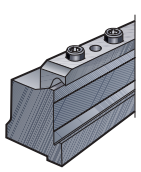
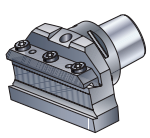
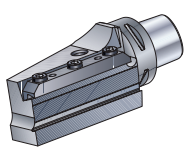
Coromant Capto® cutting units for parting and grooving

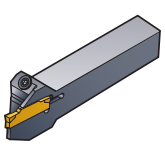
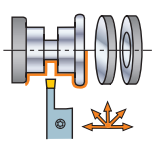
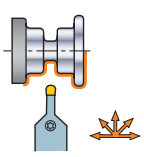
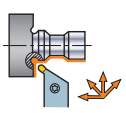
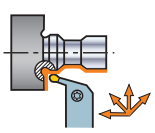
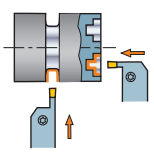
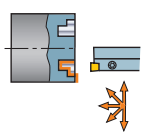
CoroCut® 1-2	Grooving, parting off, profiling and turning	Grooving and profiling	**CoroCut® 3**	Parting off	**T-Max Q-Cut®**	Grooving, parting off, profiling and turning	Undercutting
							
	Cx-R/LF123	**Cx-NF123**		**Cx-RF123T/U**		**Cx-R/LF151.22** **Cx-R/LF151.23**	**Cx-R/LS151.22**
Insert width, mm	1.50-8.00	1.50-8.00	Insert width, mm	1.00-2.00	Insert width, mm	1.85-10.00	2.00-8.00
Coupling size	C3-C6	C3-C6	Coupling size	C3-C4	Coupling size	C3-C8	C3-C8
Page	B25	B25	Page	B41	Page	B51	B52

Parting blades

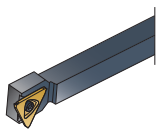
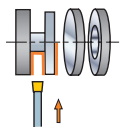
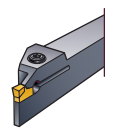
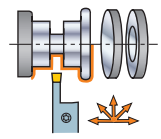
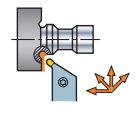
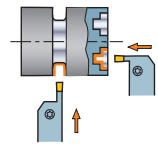
CoroCut® 1-2	Parting off		**T-Max Q-Cut®**	Parting off
				
	N123	**R/LF123**		**151.2**
Insert width, mm	1.50-8.00	1.50-8.00	Insert width, mm	1.85-10.00
Max a_p, mm	5-55	5-32	Max a_p, mm	35-100
Page	B26	B27	Page	B53

Toolblock for parting blades	**Adapter for parting blades**	
	Radial mounting	Axial mounting
		
151.2	**C6-APBA**	**C6-APBR/L**
Page		
B28	B29	B29

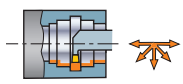
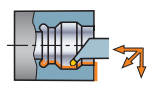
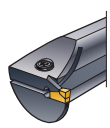
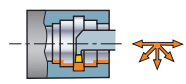
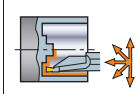
Shank tools for parting and grooving

CoroCut® 1-2	Grooving, parting off, profiling and turning	Profiling				Shallow grooving and face grooving	Face grooving
		0°	7°	45°	70°	0°/90°	0°/90°
							
	R/LF123/-S	**NF123**	**R/LX123-...007**	**R/LX123-...045**	**R/LX123-...070**	**R/LF123** **R/LG123**	**R/LF123** **R/LG123**
Insert width, mm	1.50-8.00	5.00-6.00	8.00	3.00-6.00	5.00-6.00	3.00-7.14	3.00-8.00
Shank size	1010-3232	2525-3225	2525-3232	2020-3225	2525-3232	2525	2525
Page	B30	B33	B33	B33	B33	B34	B35

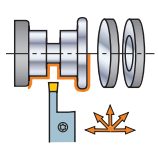
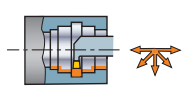
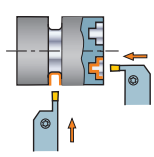
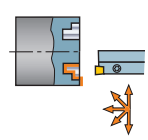
Shank tools for parting and grooving

CoroCut® 3	Parting off	**T-Max Q-Cut®**	Parting off	Grooving, parting off, profiling and turning	Undercutting	Face grooving	
							0° 90° 
	RF123T RF123U		**R/L151.20 R/L151.21**	**R/L 151.22 R/L151.23**	**R/LS151.22**	**R/LF151.37**	**R/LG151.37**
Insert width, mm	1.00-2.00	Insert width, mm	1.85-8.00	1.85-8.00	1.85-8.00	2.39-6.00	2.39-6.00
Shank size	1010-3232	Shank size	0808-3232	1616-3232	2020-3225	2525	2525
Page	B42	Page	B54	B55	B56	B60	B60

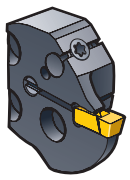
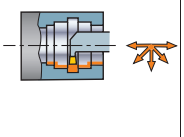
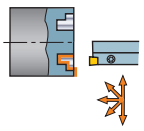
Boring bars for parting and grooving

CoroCut® 1-2	Grooving, profiling and turning	Profiling	**T-Max Q-Cut®**	Grooving, profiling and turning		Face grooving
						
	R/LAG123	**R/LAX123**		**R/LAG151.22**	**R/LAG151.32**	**R/LAF151.37**
Insert width, mm	3.00-6.00	5.00-8.00	Insert width, mm	1.85-8.00	1.85-8.00	2.39-6.00
Min. hole, mm	25-60	63.5	Min. hole, mm	32-60	12-60	26-42
Page	B36	B37	Page	B57	B61	B62

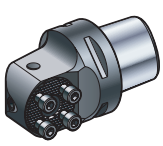
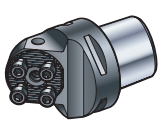
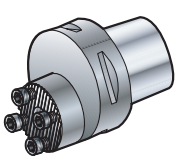
Cutting heads with CoroTurn® SL coupling for parting and grooving

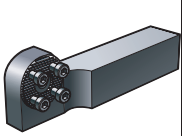
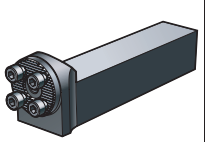
CoroCut® SL	Grooving, parting off, profiling and turning	Internal grooving and profiling	Shallow grooving and face grooving	Face grooving
				
	R/L123-B		**R/L123-C**	**R/L123-A**
Insert width, mm	1.50-7.14		3.00-7.14	2.50-7.14
Coupling size	25-40		25-40	32
Page	B67		B68	B69

Cutting heads with CoroTurn® SL coupling for parting and grooving

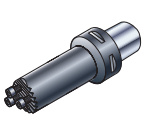
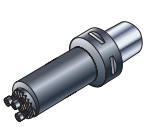
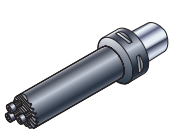
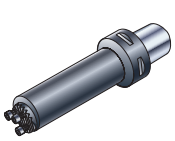
T-Max Q-Cut® SL	Grooving and parting For 151.2 inserts	Internal grooving and profiling ...151.3	Face grooving ...151.3
			
	R/L151.21	**R/L151.3**	**R/L151.3 A/B**
Insert width, mm	3.00-6.00	2.00-7.92	3.00-5.56
Coupling size	25-40	25-40	32
Page	B70	B71	B72

CoroTurn® SL adapters for external machining

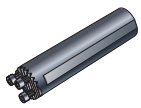
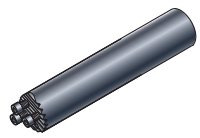
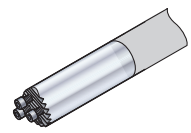
Coromant Capto® adaptors	0°	45°	90°
			
	Cx-570-R/LF	**Cx-570R/LX-045**	**Cx-570-R/L/NG**
Coromant Capto® size	C3-C8	C5-C6	C3-C8
Coupling size	25-40	25-32	32-40
Page	B73	B73	B73

Shank adapter	0°	90°
		
	570-25-R/LF	**570-25-NG**
Shank size	2020-3232	2020-3232
Coupling size	25-40	25-40
Page	B74	B74

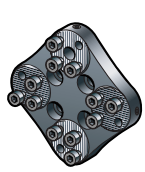
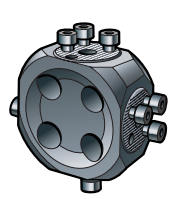
CoroTurn® SL boring bars and adapters

Coromant Capto® bars	Steel shank		Damped boring bar			
						
	570-2C	**570-2C**	**570-3C**	**570-3C**	**570-2C**	**570-2C**
Bar diameter, mm	16-40	50-60	16-40	50-60	16-40	50-60
Coupling size	16-40	40	16-40	40	16-40	40
Page	A219	A219	A220	A220	A221	A221

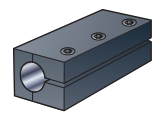
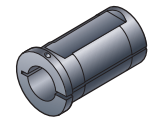
CoroTurn® SL boring bars and adapters

Round shank bars	Steel shank Overhang 4 x d		Damped boring bar Overhang 7 – 10 x d		Damped reinforced boring bar Overhang 10 x d
					
	570-2C	**570-2C**	**570-3C**	**570-3C**	**570-3C**
Bar diameter, mm	16-40	50-60	16-40	50-60	16-20
Coupling size	16-40	40	16-40	40	16-20
Page	A222	A222	A223	A223	A203

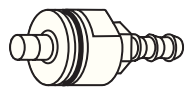
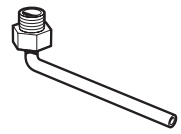
CoroPlex™ SL mini-turret

CoroPlex™ SL mini-turret	**Axial mounting**	**5° radial mounting**
		
	570-AX	**570-RA**
Coupling size Machine side	40	40
Tool side	25-32	25-32
Page	H18	H18

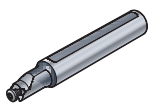
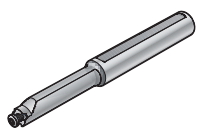
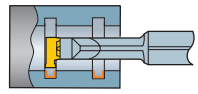
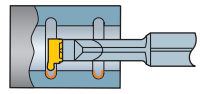
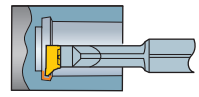
Accessories

Sleeves for cylindrical boring bars	**EasyFix™**	
		
	131	**132**
	A239	A239

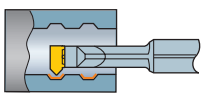
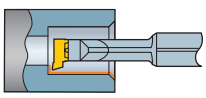
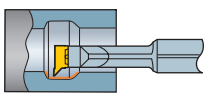
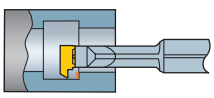
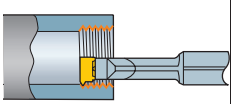
Accessories for cutting fluid supply

	Coolant nozzle	**Coolant connector**	**Coolant tube**
			
Page	A241	A241	B104

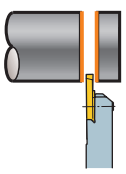
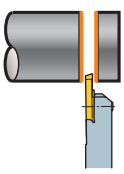
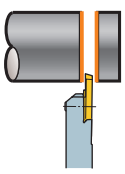
CoroCut® MB Boring bars/inserts

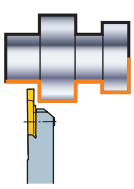
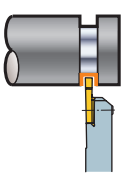
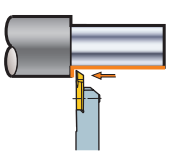
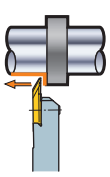
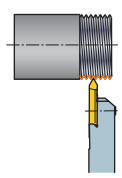
CoroCut® MB	**Steel shank boring bar**	**Carbide shank boring bar**	**Inserts**		
			Grooving	**Profiling**	**Pre-parting**
					
	MB-A	**MB-E**	**MB G**	**MB R**	**MB GX**
Bar diameter	12-16	12-16			
Insert size	07-09	07-09	07-09	07-09	07-09
Page	B91	B92	B87	B89	B89

CoroCut® MB inserts

CoroCut® MB	Inserts Entering angle κ_r 45° Turning/ profiling	κ_r 93° Turning	κ_r 93° Copying	κ_r 90° Back boring	Threading
					
	MB T045	**MB T093**	**MB TE 93**	**MB B030**	**MB B030**
Insert size		07	07	07	07
Page	B88	B88	B88	B88	B90

CoroCut® XS shank tools for small part machining/inserts

CoroCut® XS	Shank holders		Inserts for Parting off		
		Cut off holder		Parting off	Parting off
					
	SMALR/L	**SMALR/L-X**	**MACR/L-N**	**MACR/L-R**	**MACR/L-L**
Insert size			3	3	3
Shank size	1010-1616	1010-1212			
Page	B83	B83	B80	B80	B80

CoroCut® XS	Inserts for Parting off				
			Turning	Back turning	Threading
					
	MACR/L-T	**MAGR/L**	**MAFR/L**	**MABR/L**	**MATR/L**
Insert size	3	3	3	3	3
Page	B80	B81	B81	B81	B82

CoroTurn® XS boring bars for small part machining

For total assortment, grooving, threading and turning, see page A242

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