

CoroMill® 390

Versatile shoulder milling cutters with ramping capability for mixed production

Application

- Shoulder milling
- Repeated shoulder milling
- Turn milling
- Deep shoulder milling
- Edging
- Pocketing
- Linear and helical ramping

ISO application area:



Benefits and features

- Close tolerances giving excellent surface finish and minimal mismatch
- Large depth of cut and steep ramping capability
- Oversized diameter for clearance is available
- Integrated damping technology Silent Tools™ for increased metal removal and improved surface finish
- Available in a shorter version for turning centres
- Internal coolant on most cutters



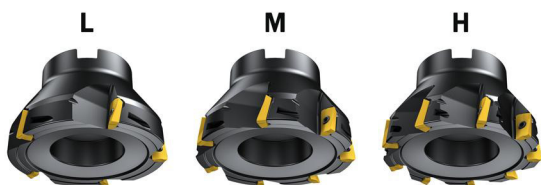
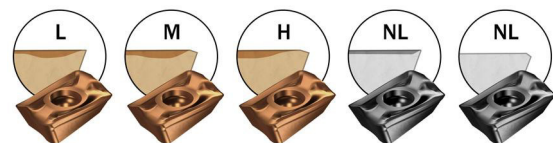
www.sandvik.coromant.com/coromill390

Cutter bodies

- Coromant Capto®
- Arbor
- Cylindrical shank
- Weldon
- Coromant EH
- Threaded coupling
- Oversized versions available on Coromant Capto® cutters, arbor and Coromant EH
- Undersized shanks on cylindrical cutters

Inserts

- Two cutting edges
- Cemented carbide and PCD grades
- The light-cutting insert geometries and high-performance grades of are designed for low cutting forces and vibration-free machining for secure milling in all materials.

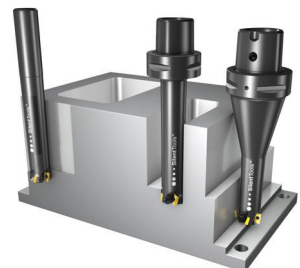


Coarse pitch

Close pitch

Extra close pitch

Silent Tools damped cutter bodies boost productivity at long overhangs



I62



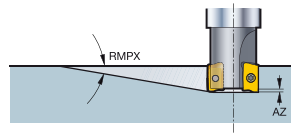
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N6

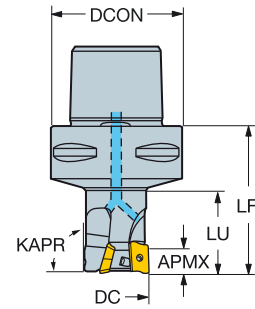
CoroMill® 390 square shoulder milling cutter

Coromant Capto® - Internal coolant supply



KAPR

90°



DC	CZC _{MS}	APMX _{EFW}	APMX _{FFW}	RMPX	AZ	CNSC	CNSC	CNSC	Ordering code	Dimensions, mm					CICT	MID
										DCON	LF	LU	KG	RPMX		
16.0	11	C3	5.5	10.00	10°	1.0	3	2	R390-016C3-11L050	32.0	50.0	25.0	0.28	39000	2	R390-11..
	11	C4	5.5	10.00	10°	1.0	3	2	R390-016C4-11L	40.0	50.0	25.0	0.41	39000	2	R390-11..
20.0	11	C3	5.5	10.00	5°	1.0	3	2	R390-020C3-11L050	32.0	50.0	25.0	0.29	34600	2	R390-11..
	11	C4	5.5	10.00	5°	1.0	3	2	R390-020C4-11L	40.0	50.0	25.0	0.42	34600	2	R390-11..
	11	C3	5.5	10.00	5°	1.0	3	3	R390-020C3-11M050	32.0	50.0	25.0	0.29	34600	3	R390-11..
	11	C5	5.5	10.00	5°	1.0	3	3	R390-020C5-11M095	50.0	95.0	40.0	1.00	34600	3	R390-11..
	11	C6	5.5	10.00	5°	1.0	3	3	R390-020C6-11M110	63.0	110.0	40.0	1.75	34600	3	R390-11..
	11	C6	5.5	10.00	5°	1.0	3	3	R390-025C6-11M110	63.0	110.0	45.0	1.60	36500	3	R390-11..
25.0	11	C3	5.5	10.00	5°	1.0	3	2	R390-025C3-11L050	32.0	50.0	32.0	0.31	36500	2	R390-11..
	11	C4	5.5	10.00	5°	1.0	3	2	R390-025C4-11L	40.0	55.0	32.0	0.42	36500	2	R390-11..
	11	C3	5.5	10.00	5°	1.0	3	3	R390-025C3-11M050	32.0	50.0	32.0	0.28	36500	3	R390-11..
	11	C4	5.5	10.00	5°	1.0	3	3	R390-025C4-11M	40.0	55.0	32.0	0.44	36500	3	R390-11..
	11	C5	5.5	10.00	5°	1.0	3	3	R390-025C5-11M095	50.0	95.0	45.0	1.06	36500	3	R390-11..
	11	C6	5.5	10.00	5°	1.0	3	3	R390-025C6-11M110	63.0	110.0	45.0	1.60	36500	3	R390-11..
32.0	11	C3	5.5	10.00	3°	1.0	3	2	R390-032C3-11L050	32.0	50.0	35.0	0.38	31000	2	R390-11..
	11	C4	5.5	10.00	3°	1.0	3	2	R390-032C4-11L	40.0	65.0	40.0	0.54	31000	2	R390-11..
	11	C5	5.5	10.00	3°	1.0	3	2	R390-032C5-11L	50.0	65.0	40.0	0.89	31000	2	R390-11..
	11	C3	5.5	10.00	3°	1.0	3	3	R390-032C3-11M050	32.0	50.0	35.0	0.38	31000	3	R390-11..
	11	C4	5.5	10.00	3°	1.0	3	3	R390-032C4-11M	40.0	65.0	40.0	0.52	31000	3	R390-11..
	11	C5	5.5	10.00	3°	1.0	3	3	R390-032C5-11M	50.0	65.0	40.0	0.88	31000	3	R390-11..
	11	C5	5.5	10.00	3°	1.0	3	3	R390-032C5-11M095	50.0	95.0	50.0	1.10	31000	3	R390-11..
	11	C6	5.5	10.00	3°	1.0	3	3	R390-032C6-11M080	63.0	80.0	40.0	1.52	31000	3	R390-11..
	11	C6	5.5	10.00	3°	1.0	3	3	R390-032C6-11M110	63.0	110.0	50.0	1.81	31000	3	R390-11..
	11	C6	5.5	10.00	3°	1.0	3	3	R390-036C6-11M110	63.0	110.0	50.0	1.81	31000	3	R390-11..
36.0	11	C3	5.5	10.00	2°	1.0	3	3	R390-036C3-11M050	32.0	50.0		0.38	29000	3	R390-11..
	11	C3	5.5	10.00	2°	1.0	3	3	R390-036C3-11M075	32.0	75.0		0.54	29000	3	R390-11..
40.0	11	C4	5.5	10.00	2°	1.0	3	4	R390-040C4-11M	40.0	70.0	70.0	0.82	27000	4	R390-11..
	11	C5	5.5	10.00	2°	1.0	3	4	R390-040C5-11M	50.0	75.0	50.0	1.05	27000	4	R390-11..
	11	C6	5.5	10.00	2°	1.0	3	4	R390-040C6-11M080	63.0	80.0	40.0	1.60	27000	4	R390-11..
	11	C4	5.5	10.00	2°	1.0	3	6	R390-040C4-11H	40.0	70.0	50.0	0.56	27000	6	R390-11..
	11	C5	5.5	10.00	2°	1.0	3	6	R390-040C5-11H	50.0	75.0	50.0	1.07	27000	6	R390-11..
	18	C4	1.1	15.40	6°	0.0	3	3	R390-040C4-18M060	40.0	60.0	40.0	0.58	9200	3	R390-18..
44.0	11	C4	5.5	10.00	1°	1.0	3	4	R390-044C4-11M060	40.0	60.0		0.77	25600	4	R390-11..
	11	C4	5.5	10.00	1°	1.0	3	4	R390-044C4-11M075	40.0	75.0		0.88	25600	4	R390-11..
	18	C4	1.1	15.40	6°	0.0	3	2	R390-044C4-18L080	40.0	80.0		1.10	8600	2	R390-18..
50.0	18	C4	1.1	15.40	6°	0.0	3	3	R390-044C4-18M060	40.0	60.0		0.80	8600	3	R390-18..
	18	C4	1.1	15.40	6°	0.0	3	3	R390-044C4-18M080	40.0	80.0		1.00	8600	3	R390-18..
	11	C5	5.5	10.00	1°	1.0	3	5	R390-050C5-11M060	50.0	60.0	40.0	1.08	23700	5	R390-11..
	11	C6	5.5	10.00	1°	1.0	3	5	R390-050C6-11M080	63.0	80.0	40.0	1.82	23700	5	R390-11..
	18	C5	1.1	15.40	5°	0.0	3	4	R390-050C5-18M060	50.0	60.0	40.0	1.08	7900	4	R390-18..
	18	C6	1.1	15.40	5°	0.0	3	4	R390-050C6-18M080	63.0	80.0	40.0	1.85	7900	4	R390-18..
54.0	11	C5	5.5	10.00	1°	1.0	3	5	R390-054C5-11M060	50.0	60.0		1.09	22700	5	R390-11..
	11	C5	5.5	10.00	1°	1.0	3	5	R390-054C5-11M080	50.0	80.0		1.60	22700	5	R390-11..
	18	C5	1.1	15.40	5°	0.0	3	4	R390-054C5-18M060	50.0	60.0		1.28	7500	4	R390-18..
	18	C5	1.1	15.40	5°	0.0	3	4	R390-054C5-18M080	50.0	80.0		1.58	7500	4	R390-18..
63.0	11	C5	5.5	10.00	1°	1.0	3	6	R390-063C5-11M060	50.0	60.0		1.53	20700	6	R390-11..
	11	C6	5.5	10.00	1°	1.0	3	6	R390-063C6-11M080	63.0	80.0	40.0	2.25	20700	6	R390-11..
	18	C5	1.1	15.40	4°	0.0	3	5	R390-063C5-18M060	50.0	60.0		1.45	6800	5	R390-18..
18	C6	1.1	15.40	4°	0.0	3	5	R390-063C6-18M060	63.0	60.0	38.0	1.81	6800	5	R390-18..	



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L4



N22



N6



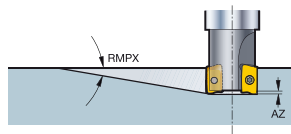
N9



N15

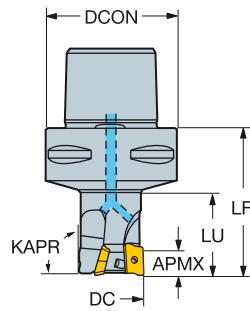
CoroMill® 390 square shoulder milling cutter

Coromant Capto® - Internal coolant supply



KAPR

90°



										Dimensions, mm						
DC	CZC _{MS}	APM _{KEFW}	APM _{FFW}	RMPX	AZ	CNSC			Ordering code	DCON	LF	LU	KG	RPMX	CICT	MIID
66.0	11	C6	5.5	10.00	1°	1.0	3	6	R390-066C6-11M060	63.0	60.0	1.88	20200	6	R390-11..	
	11	C6	5.5	10.00	1°	1.0	3	6	R390-066C6-11M080	63.0	80.0	2.30	20200	6	R390-11..	
	18	C6	1.1	15.40	3°	0.0	3	5	R390-066C6-18M060	63.0	60.0	1.83	6700	5	R390-18..	
	18	C6	1.1	15.40	3°	0.0	3	5	R390-066C6-18M080	63.0	80.0	2.25	6700	5	R390-18..	
80.0	11	C6	5.5	10.00	0°	1.0	3	7	R390-080C6-11M060	63.0	60.0	2.14	18200	7	R390-11..	
	11	C6	5.5	10.00	0°	1.0	3	7	R390-080C6-11M080	63.0	80.0	2.71	18200	7	R390-11..	
	18	C6	1.1	15.40	3°	0.0	3	6	R390-080C6-18M060	63.0	60.0	2.10	5900	6	R390-18..	
84.0	18	C8	1.1	15.40	2°	0.0	3	6	R390-084C8-18M070	80.0	70.0	3.39	5800	6	R390-18..	
	18	C8	1.1	15.40	2°	0.0	3	6	R390-084C8-18M100	80.0	100.0	4.50	5800	6	R390-18..	

		Spare parts	
DC		Insert screw	
16.00-20.00	11	5513 020-36	
25.00-80.00	11	5513 020-35	
40.00-84.00	18	5513 020-29	

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



I64



L4



N22



N6



N9

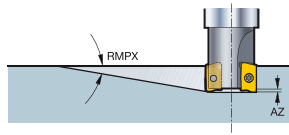


N15

CoroMill® 390 square shoulder milling cutter

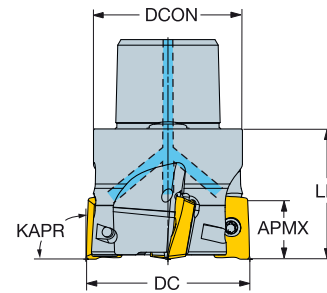
Coromant Capto® - Internal coolant supply

Short version without gripper grooves



KAPR

90°



									Dimensions, mm						
DC		CZC _{MS}	APMX _{EFW}	APMX _{FFW}	RMPX	AZ	CNSC	Ordering code	DCON	LF	^{KG}	RPMX	CICT	MIID	
44.0	11	C4	5.5	10.00	1°	1.0	3	R390-044C4T-11H	40.0	35.0	0.40	25600	4	R390-11..	
	17	C4	8.5	15.70	3°	1.5	3	R390-044C4T-17M	40.0	35.0	0.75	20600	4	R390-17..	
54.0	11	C5	5.5	10.00	1°	1.0	3	R390-054C5T-11H	50.0	35.0	0.62	22700	5	R390-11..	
	17	C5	8.5	15.70	2°	1.5	3	R390-054C5T-17M	50.0	35.0	0.94	18200	5	R390-17..	

Note: Only for segment clamping.

Spare parts	
	Insert screw
11	5513 020-35
17	5513 020-39

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



I64



L4



N22



N6



N9



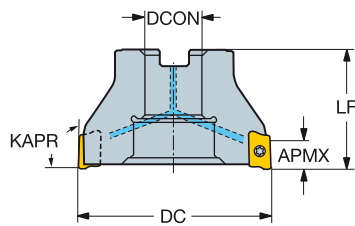
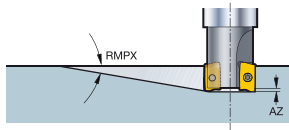
N15

CoroMill® 390 square shoulder milling cutter

Arbor - Internal coolant supply

STDNO
KAPR

ISO 6462:2011
90°



								Dimensions, mm						
DC	CZC _{MS}	APM _{XEFW}	APM _{FFW}	RMPX	AZ	CNSC	Ordering code	DCON	ISO	LF	^{KG}	RPMX	CICT	MIID
44.0	11	16	5.5	10.00	1°	1	R390-044Q16-11M	16.0	A	40.0	0.50	25600	4	R390-11..
	17	16	8.5	15.70	3°	1	R390-044Q16-17M	16.0	A	40.0	0.50	20600	3	R390-17..
54.0	11	22	5.5	10.00	1°	1	R390-054Q22-11M	22.0	A	40.0	0.60	22600	5	R390-11..
	17	22	8.5	15.70	2°	1	R390-054Q22-17M	22.0	A	40.0	0.59	18200	4	R390-17..
18	22	1.1	15.40	5°	0.0	1	R390-054Q22-18M	22.0	A	40.0	0.60	7500	4	R390-18..
66.0	11	22	5.5	10.00	3°	1	R390-066Q22-11M	22.0	A	40.0	0.72	20200	6	R390-11..
	17	22	8.5	15.70	1°	1	R390-066Q22-17M	22.0	A	40.0	0.74	16100	5	R390-17..
	18	22	1.1	15.40	3°	0.0	1	R390-066Q22-18M	22.0	A	40.0	0.71	6700	5
84.0	11	27	5.5	10.00	3°	1	R390-084Q27-11M	27.0	A	50.0	1.41	17700	7	R390-11..
	17	27	8.5	15.70	1°	1	R390-084Q27-17M	27.0	A	50.0	1.43	14100	6	R390-17..
	18	27	1.1	15.40	3°	0.0	1	R390-084Q27-18M	27.0	A	50.0	1.25	5800	6

Spare parts	
	Insert screw
11	5513 020-35
17	5513 020-39
18	5513 020-29

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



I64



L4



M2



N22



N6



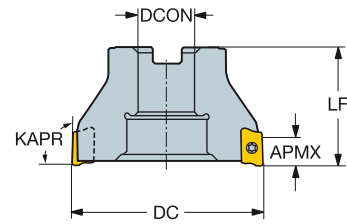
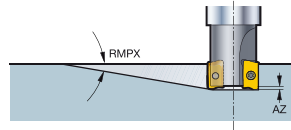
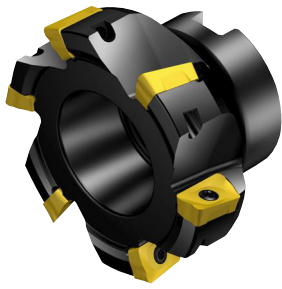
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




N15

CoroMill® 390 square shoulder milling cutter

Arbor

STDNO
KAPRISO 6462:2011
90°

DC	CZC _{MS}	APMX _{EFW}	APMX _{FFW}	RMPX	AZ		Ordering code	Dimensions, mm								
								DCON	ISO	DBC	LF		RMPX	CICT	MID	
40.0	11	16	5.5	10.00	2°	1.0	4	R390-040Q16-11M	16.0	A		40.0	0.47	27000	4	R390-11..
	11	16	5.5	10.00	2°	1.0	6	R390-040Q16-11H	16.0	A		40.0	0.50	27000	6	R390-11..
	17	16	8.5	15.70	3°	1.5	2	R390-040Q16-17L	16.0	A		40.0	0.38	21900	2	R390-17..
	17	16	8.5	15.70	3°	1.5	3	R390-040Q16-17M	16.0	A		40.0	0.46	21900	3	R390-17..
	17	16	8.5	15.70	3°	1.5	4	R390-040Q16-17H	16.0	A		40.0	0.44	21900	4	R390-17..
50.0	11	22	5.5	10.00	1°	1.0	5	R390-050Q22-11M	22.0	A		40.0	0.55	23700	5	R390-11..
	11	22	5.5	10.00	1°	1.0	7	R390-050Q22-11H	22.0	A		40.0	0.60	23700	7	R390-11..
	17	22	8.5	15.70	2°	1.5	3	R390-050Q22-17L	22.0	A		40.0	0.54	19000	3	R390-17..
	17	22	8.5	15.70	2°	1.5	4	R390-050Q22-17M	22.0	A		40.0	0.59	19000	4	R390-17..
	17	22	8.5	15.70	2°	1.5	5	R390-050Q22-17H	22.0	A		40.0	0.54	19000	5	R390-17..
	18	22	1.1	15.40	5°	0.0	3	R390-050Q22-18L	22.0	A		40.0	0.59	7900	3	R390-18..
	18	22	1.1	15.40	5°	0.0	4	R390-050Q22-18M	22.0	A		40.0	0.58	7900	4	R390-18..
	18	22	1.1	15.40	5°	0.0	5	R390-050Q22-18H	22.0	A		40.0	0.56	7900	5	R390-18..
63.0	11	22	5.5	10.00	1°	1.0	6	R390-063Q22-11M	22.0	A		40.0	0.68	20700	6	R390-11..
	11	22	5.5	10.00	1°	1.0	8	R390-063Q22-11H	22.0	A		40.0	0.59	20700	8	R390-11..
	17	22	8.5	15.70	2°	1.5	4	R390-063Q22-17L	22.0	A		40.0	0.72	16500	4	R390-17..
	17	22	8.5	15.70	2°	1.5	5	R390-063Q22-17M	22.0	A		40.0	0.72	16500	5	R390-17..
	17	22	8.5	15.70	2°	1.5	6	R390-063Q22-17H	22.0	A		40.0	0.68	16500	6	R390-17..
	18	22	1.1	15.40	4°	0.0	4	R390-063Q22-18L	22.0	A		40.0	0.81	6800	4	R390-18..
	18	22	1.1	15.40	4°	0.0	5	R390-063Q22-18M	22.0	A		40.0	0.70	6800	5	R390-18..
	18	22	1.1	15.40	4°	0.0	6	R390-063Q22-18H	22.0	A		40.0	0.70	6800	6	R390-18..
80.0	11	27	5.5	10.00	0°	1.0	7	R390-080Q27-11M	27.0	A		50.0	1.08	18200	7	R390-11..
	11	27	5.5	10.00	0°	1.0	10	R390-080Q27-11H	27.0	A		50.0	0.72	18200	10	R390-11..
	17	27	8.5	15.70	1°	1.5	4	R390-080Q27-17L	27.0	A		50.0	1.06	14400	4	R390-17..
	17	27	8.5	15.70	1°	1.5	6	R390-080Q27-17M	27.0	A		50.0	0.96	14400	6	R390-17..
	17	27	8.5	15.70	1°	1.5	8	R390-080Q27-17H	27.0	A		50.0	0.94	14400	8	R390-17..
	18	27	1.1	15.40	3°	0.0	4	R390-080Q27-18L	27.0	A		50.0	1.05	5900	4	R390-18..
	18	27	1.1	15.40	3°	0.0	6	R390-080Q27-18M	27.0	A		50.0	1.00	5900	6	R390-18..
100.0	17	32	8.5	15.70	0°	1.5	5	R390-100Q32-17L	32.0	B		50.0	1.77	12700	5	R390-17..
	17	32	8.5	15.70	0°	1.5	7	R390-100Q32-17M	32.0	B		50.0	1.73	12700	7	R390-17..
	17	32	8.5	15.70	0°	1.5	9	R390-100Q32-17H	32.0	B		50.0	1.57	12700	9	R390-17..
	18	32	1.1	15.40	2°	0.0	5	R390-100Q32-18L	32.0	B		50.0	1.83	5200	5	R390-18..
	18	32	1.1	15.40	2°	0.0	7	R390-100Q32-18M	32.0	B		50.0	1.75	5200	7	R390-18..
125.0	17	40	8.5	15.70	0°	1.5	6	R390-125Q40-17L	40.0	B		63.0	2.71	11200	6	R390-17..
	17	40	8.5	15.70	0°	1.5	8	R390-125Q40-17M	40.0	B		63.0	2.70	11200	8	R390-17..
	17	40	8.5	15.70	0°	1.5	11	R390-125Q40-17H	40.0	B		63.0	2.74	11200	11	R390-17..
	18	40	1.1	15.40	1°	0.0	6	R390-125Q40-18L	40.0	B		63.0	2.72	4600	6	R390-18..
	18	40	1.1	15.40	1°	0.0	8	R390-125Q40-18M	40.0	B		63.0	2.76	4600	8	R390-18..
160.0	18	40S	1.1	15.40	1°	0.0	8	R390-160Q40-18L	40.0	C	66.7	63.0	3.33	4000	8	R390-18..
	18	40S	1.1	15.40	1°	0.0	12	R390-160Q40-18M	40.0	C	66.7	63.0	4.00	4000	12	R390-18..
200.0	18	60	1.1	15.40	1°	0.0	10	R390-200Q60-18L	60.0	C	101.6	63.0	9.60	3600	10	R390-18..

Spare parts	
	Insert screw
11	5513 020-35
17	5513 020-39
18	5513 020-29

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

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L4



M2



N22



N6



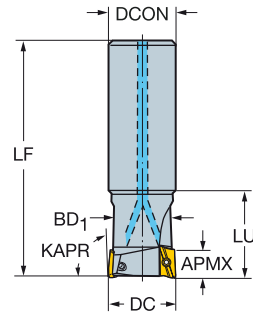
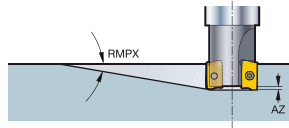
N9

CoroMill® 390 square shoulder milling cutter

Cylindrical shank - Internal coolant supply

KAPR

90°



DC	CZC _{MIS}	APMX _{EFW}	APMX _{FFW}	RMPX	AZ	CNSC	Ordering code	Dimensions, mm						CIC	MID		
								DCON	BD ₁	LF	LU	KG	RMPX				
9.7	07	10	2.0	5.80	7°	0.5	1	2	R390-0097A10-07L	10.0	9.2	60.0	15.0	0.07	55600	2	390R-07..
10.0	07	9	2.0	5.80	7°	0.5	1	2	R390-010A09L-07L	9.0	9.3	100.0	0.08	54100	2	390R-07..	
	07	10	2.0	5.80	7°	0.5	1	2	R390-010A10-07L	10.0	9.3	60.0	15.0	0.07	54100	2	390R-07..
11.7	07	12	2.0	5.80	5°	0.5	1	2	R390-0117A12-07L	12.0	11.0	70.0	15.0	0.09	47400	2	390R-07..
	07	12	2.0	5.80	5°	0.5	1	3	R390-0117A12-07M	12.0	11.0	70.0	15.0	0.09	47400	3	390R-07..
12.0	07	10	2.0	5.80	5°	0.5	1	2	R390-012A10L-07L	10.0	11.3	120.0	0.11	46500	2	390R-07..	
	07	12	2.0	5.80	5°	0.5	1	2	R390-012A12-07L	12.0	11.3	70.0	18.0	0.09	46500	2	390R-07..
	07	12	2.0	5.80	5°	0.5	1	3	R390-012A12-07M	12.0	11.3	70.0	18.0	0.09	46500	3	390R-07..
11	16	5.5	10.00	6°	1.0	1	1	1	R390-012A16-11L	16.0	95.0	17.2	0.24	68600	1	R390-11..	
13.7	07	14	2.0	5.80	3°	0.5	1	2	R390-0137A14-07L	14.0	12.9	80.0	15.0	0.12	42000	2	390R-07..
	07	14	2.0	5.80	3°	0.5	1	3	R390-0137A14-07M	14.0	12.9	80.0	15.0	0.12	42000	3	390R-07..
14.0	07	12	2.0	5.80	3°	0.5	1	3	R390-014A12L-07M	12.0	13.2	140.0	0.16	33800	3	390R-07..	
	07	14	2.0	5.80	3°	0.5	1	3	R390-014A14-07M	14.0	13.2	80.0	20.0	0.12	41400	3	390R-07..
15.7	07	16	2.0	5.80	3°	0.5	1	3	R390-0157A16-07M	16.0	14.7	90.0	18.0	0.16	38100	3	390R-07..
16.0	07	14	2.0	5.80	3°	0.5	1	3	R390-016A14L-07M	14.0	15.0	160.0	0.23	24100	3	390R-07..	
	07	16	2.0	5.80	3°	0.5	1	3	R390-016A16-07M	16.0	15.0	90.0	25.0	0.16	37600	3	390R-07..
	07	16	2.0	5.80	3°	0.5	1	4	R390-016A16-07H	16.0	15.0	90.0	25.0	0.16	37600	4	390R-07..
	11	16	5.5	10.00	10°	1.0	1	2	R390-016A16-11L	16.0	100.0	25.0	0.21	41500	2	R390-11..	
	11	16	5.5	10.00	10°	1.0	1	2	R390-016A16L-11L	16.0	145.0	25.0	0.28	31000	2	R390-11..	
18.0	11	16	5.5	10.00	7°	1.0	1	2	R390-018A16L-11L	16.0	145.0	0.31	31000	2	R390-11..		
20.0	07	20	2.0	5.80	2°	0.5	1	4	R390-020A20-07M	20.0	19.0	110.0	25.0	0.29	32500	4	390R-07..
	07	20	2.0	5.80	2°	0.5	1	5	R390-020A20-07H	20.0	19.0	110.0	25.0	0.27	32500	5	390R-07..
	11	20	5.5	10.00	5°	1.0	1	2	R390-020A20-11L	20.0	110.0	25.0	0.34	34600	2	R390-11..	
	11	20	5.5	10.00	5°	1.0	1	2	R390-020A20L-11L	20.0	170.0	40.0	0.50	20300	2	R390-11..	
	11	20	5.5	10.00	5°	1.0	1	3	R390-020A20-11M	20.0	110.0	25.0	0.34	34600	3	R390-11..	
22.0	11	20	5.5	10.00	5°	1.0	1	2	R390-022A20L-11L	20.0	170.0	0.50	20300	2	R390-11..		
25.0	07	25	2.0	5.80	1°	0.5	1	5	R390-025A25-07M	25.0	24.0	120.0	32.0	0.46	28200	5	390R-07..
	07	25	2.0	5.80	1°	0.5	1	7	R390-025A25-07H	25.0	24.0	120.0	32.0	0.47	28200	7	390R-07..
	11	25	5.5	10.00	5°	1.0	1	2	R390-025A25-11L	25.0	120.0	32.0	0.54	36500	2	R390-11..	
	11	25	5.5	10.00	5°	1.0	1	2	R390-025A25L-11L	25.0	210.0	50.0	0.83	11000	2	R390-11..	
	11	25	5.5	10.00	5°	1.0	1	3	R390-025A25-11M	25.0	120.0	32.0	0.54	36500	3	R390-11..	
	11	25	5.5	10.00	5°	1.0	1	4	R390-025A25-11H	25.0	120.0	32.0	0.54	36500	4	R390-11..	
	17	25	8.5	15.70	15°	1.5	1	2	R390-025A25-17L	25.0	120.0	32.0	0.54	30800	2	R390-17..	
	17	25	8.5	15.70	15°	1.5	1	2	R390-025A25L-17L	25.0	210.0	50.0	0.84	11000	2	R390-17..	
30.0	11	25	5.5	10.00	3°	1.0	1	2	R390-030A25L-11L	25.0	210.0	0.86	11000	2	R390-11..		
32.0	11	32	5.5	10.00	3°	1.0	1	2	R390-032A32-11L	32.0	130.0	40.0	0.84	31000	2	R390-11..	
	11	32	5.5	10.00	3°	1.0	1	2	R390-032A32L-11L	32.0	250.0	65.0	1.66	7600	2	R390-11..	
	11	32	5.5	10.00	3°	1.0	1	3	R390-032A32-11M	32.0	130.0	40.0	0.82	31000	3	R390-11..	
	11	32	5.5	10.00	3°	1.0	1	5	R390-032A32-11H	32.0	130.0	40.0	0.83	31000	5	R390-11..	
	17	32	8.5	15.70	6°	1.5	1	2	R390-032A32-17L	32.0	130.0	40.0	0.82	25600	2	R390-17..	
	17	32	8.5	15.70	6°	1.5	1	2	R390-032A32L-17L	32.0	250.0	65.0	1.67	7600	2	R390-17..	
	17	32	8.5	15.70	6°	1.5	1	3	R390-032A32-17M	32.0	130.0	40.0	0.81	25600	3	R390-17..	



I64



L4



N22



N6



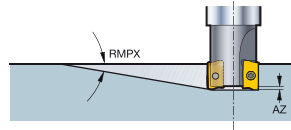
N9



N15

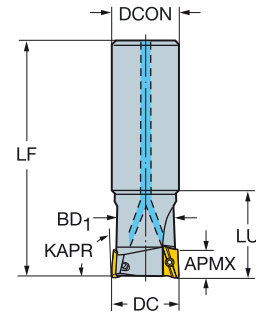
CoroMill® 390 square shoulder milling cutter

Cylindrical shank - Internal coolant supply



KAPR

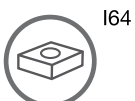
90°



										Dimensions, mm						
DC	CZC _{MS}	APMX _{EFW}	APMX _{FFW}	RMPX	AZ	CNSC	Ordering code		DCON	BD ₁	LF	LU	KG	RPMX	CICT	MIID
40.0	11	32	5.5	10.00	2°	1.0	1	2	R390-040A32-11L	32.0	170.0	1.19	27000	2	R390-11..	
11	32	5.5	10.00	2°	1.0	1	2	R390-040A32L-11L	32.0	250.0	1.82	7600	2	R390-11..		
11	32	5.5	10.00	2°	1.0	1	4	R390-040A32-11M	32.0	170.0	1.16	27000	4	R390-11..		
11	32	5.5	10.00	2°	1.0	1	6	R390-040A32-11H	32.0	170.0	1.19	27000	6	R390-11..		
17	32	8.5	15.70	3°	1.5	1	2	R390-040A32-17L	32.0	170.0	1.19	21900	2	R390-17..		
17	32	8.5	15.70	3°	1.5	1	2	R390-040A32L-17L	32.0	250.0	1.84	7600	2	R390-17..		
17	32	8.5	15.70	3°	1.5	1	3	R390-040A32-17M	32.0	170.0	1.14	21900	3	R390-17..		
17	32	8.5	15.70	3°	1.5	1	4	R390-040A32-17H	32.0	170.0	1.14	21900	4	R390-17..		

		Spare parts	
DC	Insert screw		
10.00-25.00	07	5513 020-82	
12.00-22.00	11	5513 020-36	
25.00-40.00	11	5513 020-35	
25.00	17	5513 020-37	
32.00-40.00	17	5513 020-39	

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



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L4



N22



N6



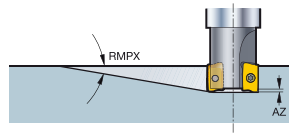
N9



N15

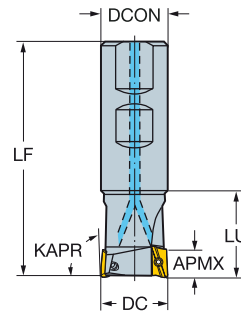
CoroMill® 390 square shoulder milling cutter

Weldon - Internal coolant supply



KAPR

90°



										Dimensions, mm						
DC	CZC _{MS}	APM _{KEFW}	APM _{FFW}	RMPX	AZ	CNSC			Ordering code	DCON	LF	LU	KG	RPMX	CICT	MIID
12.0	11	16	5.5	10.00	6°	1.0	1	1	R390-012B16-11L	16.0	68.0	17.2	0.18	68600	1	R390-11..
16.0	11	16	5.5	10.00	10°	1.0	1	2	R390-016B16-11L	16.0	73.0	25.0	0.19	41500	2	R390-11..
20.0	11	20	5.5	10.00	5°	1.0	1	2	R390-020B20-11L	20.0	81.0	25.0	0.29	34600	2	R390-11..
	11	20	5.5	10.00	5°	1.0	1	3	R390-020B20-11M	20.0	81.0	25.0	0.29	34600	3	R390-11..
25.0	11	25	5.5	10.00	5°	1.0	1	2	R390-025B25-11L	25.0	88.0	32.0	0.41	36500	2	R390-11..
	11	25	5.5	10.00	5°	1.0	1	3	R390-025B25-11M	25.0	88.0	32.0	0.38	36500	3	R390-11..
	11	25	5.5	10.00	5°	1.0	1	4	R390-025B25-11H	25.0	88.0	32.0	0.38	36500	4	R390-11..
	17	25	8.5	15.70	15°	1.5	1	2	R390-025B25-17L	25.0	88.0	32.0	0.41	30800	2	R390-17..
32.0	11	32	5.5	10.00	3°	1.0	1	2	R390-032B32-11L	32.0	100.0	40.0	0.65	31000	2	R390-11..
	11	32	5.5	10.00	3°	1.0	1	3	R390-032B32-11M	32.0	100.0	40.0	0.68	31000	3	R390-11..
	11	32	5.5	10.00	3°	1.0	1	5	R390-032B32-11H	32.0	100.0	40.0	0.65	31000	5	R390-11..
	17	32	8.5	15.70	6°	1.5	1	2	R390-032B32-17L	32.0	100.0	40.0	0.64	25600	2	R390-17..
	17	32	8.5	15.70	6°	1.5	1	3	R390-032B32-17M	32.0	100.0	40.0	0.62	25600	3	R390-17..
40.0	11	32	5.5	10.00	2°	1.0	1	2	R390-040B32-11L	32.0	110.0		0.85	27000	2	R390-11..
	11	32	5.5	10.00	2°	1.0	1	4	R390-040B32-11M	32.0	110.0		0.81	27000	4	R390-11..
	11	32	5.5	10.00	2°	1.0	1	6	R390-040B32-11H	32.0	110.0		0.84	27000	6	R390-11..
	17	32	8.5	15.70	3°	1.5	1	2	R390-040B32-17L	32.0	110.0		0.82	21900	2	R390-17..
	17	32	8.5	15.70	3°	1.5	1	3	R390-040B32-17M	32.0	110.0		0.80	21900	3	R390-17..
	17	32	8.5	15.70	3°	1.5	1	4	R390-040B32-17H	32.0	110.0		0.80	21900	4	R390-17..

		Spare parts	
DC		Insert screw	
12.00-20.00	11	5513 020-36	
25.00-40.00	11	5513 020-35	
25.00	17	5513 020-37	
32.00-40.00	17	5513 020-39	

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



I64



L4



N22



N6



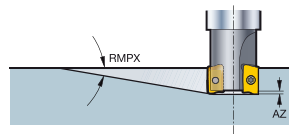
N9



N15

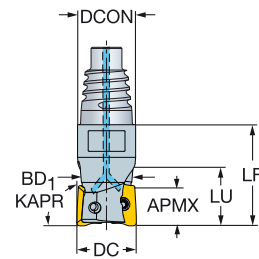
CoroMill® 390 square shoulder milling cutter

Coromant EH - Internal coolant supply



KAPR

90°



DC	CZC _{MS}	APMX _{EFW}	APMX _{FFW}	RMPX	AZ	CNSC	CNSC	Ordering code	Dimensions, mm						CICT	MIID	
									DCON	BD ₁	LF	LU	KG	RPMX			
9.7	07	E10	2.0	5.80	7°	0.5	1	2	R390-0097EH10-07L	9.7	9.2	20.0	12.5	0.12	55600	2	390R-07..
10.0	07	E10	2.0	5.80	7°	0.5	1	2	R390-010EH10-07L	9.7	9.3	20.0	12.5	0.07	54100	2	390R-07..
11.7	07	E12	2.0	5.80	5°	0.5	1	2	R390-0117EH12-07L	11.7	11.0	20.0	11.9	0.08	47400	2	390R-07..
12.0	07	E12	2.0	5.80	5°	0.5	1	2	R390-012EH12-07L	11.7	11.3	20.0	11.9	0.12	46500	2	390R-07..
	07	E12	2.0	5.80	5°	0.5	1	3	R390-012EH12-07M	11.7	11.3	20.0	11.9	0.07	46500	3	390R-07..
13.7	07	E12	2.0	5.80	3°	0.5	1	2	R390-0137EH12-07L	11.7	12.9	20.0		0.13	42000	2	390R-07..
	07	E12	2.0	5.80	3°	0.5	1	3	R390-0137EH12-07M	11.7	12.9	20.0		0.12	42000	3	390R-07..
14.0	07	E12	2.0	5.80	3°	0.5	1	3	R390-014EH12-07M	11.7	13.2	20.0		0.12	41400	3	390R-07..
15.7	07	E16	2.0	5.80	3°	0.5	1	3	R390-0157EH16-07M	15.5	14.7	25.0	15.7	0.10	38100	3	390R-07..
16.0	07	E16	2.0	5.80	3°	0.5	1	3	R390-016EH16-07M	15.5	15.0	25.0	15.7	0.14	37600	3	390R-07..
	07	E16	2.0	5.80	3°	0.5	1	4	R390-016EH16-07H	15.5	15.0	25.0	15.7	0.14	37600	4	390R-07..
	11	E16	5.5	10.00	10°	1.0	1	2	R390-016EH16-11L	15.5		27.0		0.08	41500	2	R390-11..
18.0	07	E16	2.0	5.80	2°	0.5	1	3	R390-018EH16-07M	15.5	17.0	25.0		0.14	34800	3	390R-07..
	11	E16	5.5	10.00	5°	1.0	1	2	R390-018EH16-11L	15.5		27.0		0.11	31000	2	R390-11..
20.0	07	E20	2.0	5.80	2°	0.5	1	4	R390-020EH20-07M	19.3	19.0	25.0	14.4	0.10	32500	4	390R-07..
	07	E20	2.0	5.80	2°	0.5	1	5	R390-020EH20-07H	19.3	19.0	25.0	14.4	0.16	32500	5	390R-07..
	11	E20	5.5	10.00	5°	1.0	1	2	R390-020EH20-11L	19.3		30.0		0.13	34600	2	R390-11..
	11	E20	5.5	10.00	5°	1.0	1	3	R390-020EH20-11M	19.3		30.0		0.13	34600	3	R390-11..
22.0	11	E20	5.5	10.00	5°	1.0	1	2	R390-022EH20-11L	19.3		30.0		0.14	36500	2	R390-11..
	11	E20	5.5	10.00	5°	1.0	1	3	R390-022EH20-11M	19.3		30.0		0.14	36500	3	R390-11..
25.0	07	E25	2.0	5.80	1°	0.5	1	5	R390-025EH25-07M	24.2	24.0	25.0	13.9	0.20	28200	5	390R-07..
	07	E25	2.0	5.80	1°	0.5	1	7	R390-025EH25-07H	24.2	24.0	25.0	13.9	0.20	28200	7	390R-07..
	11	E25	5.5	10.00	5°	1.0	1	2	R390-025EH25-11L	24.2		35.0		0.19	36400	2	R390-11..
	11	E25	5.5	10.00	5°	1.0	1	3	R390-025EH25-11M	24.2		35.0		0.18	36400	3	R390-11..
	11	E25	5.5	10.00	5°	1.0	1	4	R390-025EH25-11H	24.2		35.0		0.19	36400	4	R390-11..
	17	E25	8.5	15.70	15°	1.5	1	2	R390-025EH25-17L	24.2		40.0		0.19	30800	2	R390-17..
28.0	11	E25	5.5	10.00	1°	1.0	1	2	R390-028EH25-11L	24.2		35.0		0.20	31000	2	R390-11..
	11	E25	5.5	10.00	2°	1.0	1	3	R390-028EH25-11M	24.2		35.0		0.20	31000	3	R390-11..
32.0	11	E25	5.5	10.00	3°	1.0	1	2	R390-032EH25-11L	24.2		35.0		0.23	31000	2	R390-11..
	11	E25	5.5	10.00	3°	1.0	1	3	R390-032EH25-11M	24.2		35.0		0.21	31000	3	R390-11..
	11	E25	5.5	10.00	3°	1.0	1	5	R390-032EH25-11H	24.2		35.0		0.21	31000	5	R390-11..
	17	E25	8.5	15.70	6°	1.5	1	2	R390-032EH25-17L	24.2		40.0		0.22	25600	2	R390-17..
	17	E25	8.5	15.70	6°	1.5	1	3	R390-032EH25-17M	24.2		40.0		0.22	25600	3	R390-17..

Spare parts	
DC	Insert screw
10.00-25.00	07 5513 020-82
16.00-22.00	11 5513 020-36
25.00-32.00	11 5513 020-35
25.00	17 5513 020-37
32.00	17 5513 020-39

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



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L4



N22



N6



N9



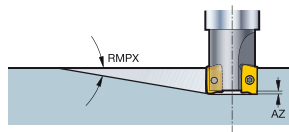
N15



N3

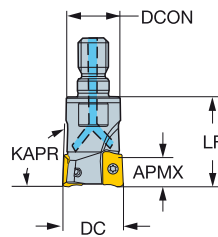
CoroMill® 390 square shoulder milling cutter

Threaded coupling - Internal coolant supply



KAPR

90°



									Dimensions, mm						
DC	CZC _{MS}	APM _{KEFW}	APM _{FFW}	RMPX	AZ	CNSC	Ordering code	DCON	LF	KG	RPMX	CICT	MIID		
16.0	11	M8	5.5	10.00	10°	1.0	0	2	R390-16T08-11L	12.8	25.0	0.13	10900	2	R390-11..
20.0	11	M10	5.5	10.00	5°	1.0	1	2	R390-20T10-11L	17.8	30.0	0.16	9900	2	R390-11..
	11	M10	5.5	10.00	5°	1.0	1	3	R390-20T10-11M	17.8	30.0	0.18	9900	3	R390-11..
25.0	11	M12	5.5	10.00	5°	1.0	1	2	R390-25T12-11L	20.8	35.0	0.20	8100	2	R390-11..
	11	M12	5.5	10.00	5°	1.0	1	3	R390-25T12-11M	20.8	35.0	0.20	8100	3	R390-11..
32.0	11	M16	5.5	10.00	3°	1.0	1	2	R390-32T16-11L	28.8	45.0	0.32	9100	2	R390-11..
	11	M16	5.5	10.00	3°	1.0	1	3	R390-32T16-11M	28.8	45.0	0.31	9100	3	R390-11..
35.0	11	M16	5.5	10.00	3°	1.0	1	2	R390-35T16-11L	28.8	45.0	0.39	9100	2	R390-11..
	11	M16	5.5	10.00	3°	1.0	1	3	R390-35T16-11M	28.8	45.0	0.34	9100	3	R390-11..
40.0	11	M16	5.5	10.00	2°	1.0	1	2	R390-40T16-11L	28.8	45.0	0.44	9100	2	R390-11..
	11	M16	5.5	10.00	2°	1.0	1	4	R390-40T16-11M	28.8	45.0	0.40	9100	4	R390-11..
42.0	11	M16	5.5	10.00	1°	1.0	1	2	R390-42T16-11L	28.8	45.0	0.44	9100	2	R390-11..
	11	M16	5.5	10.00	1°	1.0	1	4	R390-42T16-11M	28.8	45.0	0.40	9100	4	R390-11..

Spare parts		
DC		Insert screw
16.00-20.00	11	5513 020-36
25.00-42.00	11	5513 020-35

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



I64



L4



N22



N6



N9



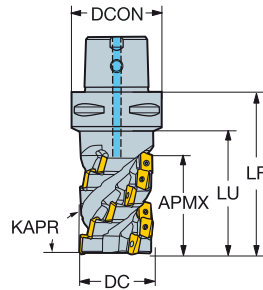
N15

CoroMill® 390 long edge square shoulder milling cutter

Coromant Capto® - Internal coolant supply

KAPR

90°



						Dimensions, mm							
DC	CZC _{MS}	APMX _{FFW}	CNSC		Ordering code	DCON	LF	LU		RPMX	CICT	MIID	
32.0	11	C5	36.00	3	2	R390-032C5-36L	50.0	71.7	46.0	1.12	21700	8	R390-11..
	11	C5	36.00	3	3	R390-032C5-36M	50.0	71.7	45.0	1.11	21700	12	R390-11..
	11	C5	54.00	3	2	R390-032C5-54L	50.0	89.4	63.0	1.14	21700	12	R390-11..
	11	C6	63.00	3	2	R390-032C6-63L	63.0	100.2	72.0	1.51	21700	14	R390-11..
	11	C6	45.00	3	3	R390-032C6-45M	63.0	82.5	54.0	1.40	21700	15	R390-11..
	11	C5	54.00	3	3	R390-032C5-54M	50.0	89.4	63.0	1.16	21700	18	R390-11..
36.0	11	C3	36.00	3	2	R390-036C3-36L	32.0	66.7	66.0	0.70	20200	8	R390-11..
	11	C3	36.00	3	3	R390-036C3-36M	32.0	66.7	66.0	0.65	20200	12	R390-11..
40.0	11	C5	54.00	3	3	R390-040C5-54M	50.0	89.4	63.0	1.32	18900	18	R390-11..
	11	C6	63.00	3	3	R390-040C6-63M	63.0	100.2	72.0	1.66	18900	21	R390-11..
	11	C5	54.00	3	4	R390-040C5-54H	50.0	89.4	63.0	1.31	18900	24	R390-11..
	11	C6	63.00	3	4	R390-040C6-63H	63.0	100.2	72.0	1.65	18900	28	R390-11..
44.0	11	C4	45.00	3	3	R390-044C4-45M	40.0	80.5		0.97	17800	15	R390-11..
	18	C4	43.00	3	2	R390-044C4-43L	40.0	78.6		0.90	8600	6	R390-18..
	18	C5	43.00	3	2	R390-044C5-43L	50.0	78.6	53.0	1.29	9200	6	R390-18..
	18	C6	43.00	3	2	R390-044C6-43L	63.0	80.6	53.0	1.61	9200	6	R390-18..
	18	C5	57.00	3	2	R390-044C5-57L	50.0	92.6	67.0	1.36	9200	8	R390-18..
	18	C6	57.00	3	2	R390-044C6-57L	63.0	94.6	67.0	1.69	9200	8	R390-18..
50.0	11	C5	36.00	3	3	R390-050C5-36L	50.0	71.7	50.0	1.31	16600	12	R390-11..
	11	C5	36.00	3	4	R390-050C5-36M	50.0	71.7	50.0	1.44	16600	16	R390-11..
	11	C5	54.00	3	3	R390-050C5-54L	50.0	89.4	67.0	1.57	16600	18	R390-11..
	11	C5	36.00	3	5	R390-050C5-36H	50.0	71.7	50.0	1.29	16600	20	R390-11..
	11	C5	54.00	3	4	R390-050C5-54M	50.0	89.4	67.0	1.59	16600	24	R390-11..
	11	C6	63.00	3	4	R390-050C6-63M	63.0	100.2	72.0	1.99	16600	28	R390-11..
	11	C6	63.00	3	5	R390-050C6-63H	63.0	100.2	72.0	2.00	16600	35	R390-11..
	18	C5	43.00	3	2	R390-050C5-43L	50.0	78.6	53.0	1.49	7900	6	R390-18..
	18	C6	43.00	3	3	R390-050C6-43M	63.0	80.6	53.0	1.70	7900	9	R390-18..
	18	C6	71.00	3	2	R390-050C6-71L	63.0	108.7	81.0	2.04	7900	10	R390-18..
	18	C8	57.00	3	3	R390-050C8-57M	80.0	102.6	67.0	2.76	7900	12	R390-18..
	18	C6	71.00	3	3	R390-050C6-71M	63.0	108.7	81.0	1.91	7900	15	R390-18..
54.0	11	C5	54.00	3	4	R390-054C5-54M	50.0	89.4		1.70	16000	24	R390-11..
	18	C5	43.00	3	3	R390-054C5-43M	50.0	78.6		1.42	7500	9	R390-18..
63.0	18	C6	43.00	3	4	R390-063C6-43M	63.0	80.6	53.0	2.09	6800	12	R390-18..
	18	C6	57.00	3	3	R390-063C6-57L	63.0	94.6	67.0	2.36	6800	12	R390-18..
	18	C8	57.00	3	3	R390-063C8-57L	80.0	102.6	67.0	3.29	6800	12	R390-18..
	18	C8	57.00	3	4	R390-063C8-57M	80.0	102.6	67.0	3.19	6800	16	R390-18..
	18	C8	85.00	3	3	R390-063C8-85L	80.0	130.7	95.0	3.73	6800	18	R390-18..
66.0	11	C6	45.00	3	4	R390-066C6-45M	63.0	82.5		2.40	13900	20	R390-11..
	18	C6	57.00	3	3	R390-066C6-57L	63.0	94.6		2.47	6700	12	R390-18..
80.0	18	C8	71.00	3	3	R390-080C8-71L	80.0	116.7	81.0	4.64	5900	15	R390-18..
	18	C8	57.00	3	5	R390-080C8-57H	80.0	102.6	67.0	4.04	5900	20	R390-18..
84.0	18	C8	57.00	3	4	R390-084C8-57M	80.0	102.6		4.32	5800	16	R390-18..
100.0	18	C8	57.00	3	4	R390-100C8-57M	80.0	102.6		5.46	5200	16	R390-18..
	18	C8	71.00	3	4	R390-100C8-71M	80.0	116.7		6.01	5200	20	R390-18..
	18	C8	57.00	3	6	R390-100C8-57H	80.0	102.6		5.08	5200	24	R390-18..

Spare parts	
	Insert screw
11	5513 024-01
18	5513 036-01

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



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L4



N22



N6



N9

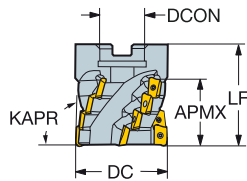
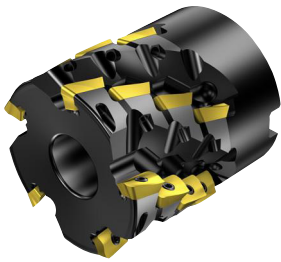


N15

CoroMill® 390 long edge square shoulder milling cutter

Arbor

STDNO ISO 6462:2011
KAPR 90°



							Dimensions, mm						
DC	CZC _{MS}	APMX _{FW}	APMX _{FW}	Ordering code	DCON	ISO	DBC	LF	RPMX	CICT	MID		
40.0	11	16	36.00	R390-040Q16-36M	16.0	A		56.7	0.80	18900	12	R390-11..	
	11	16	36.00	R390-040Q16-36H	16.0	A		56.7	0.80	18900	16	R390-11..	
44.0	11	16	45.00	R390-044Q16-45M	16.0	A		65.5	0.98	17800	15	R390-11..	
	18	16	43.00	R390-044Q16-43L	16.0	A		68.6	0.91	8600	6	R390-18..	
50.0	11	22	36.00	R390-050Q22-36M	22.0	A		56.7	0.99	16600	16	R390-11..	
	11	22	54.00	R390-050Q22-54L	22.0	A		74.4	1.09	16600	18	R390-11..	
	11	22	36.00	R390-050Q22-36H	22.0	A		56.7	0.99	16600	20	R390-11..	
	18	22	57.00	R390-050Q22-57L	22.0	A		82.6	1.09	7900	8	R390-18..	
54.0	11	22	36.00	R390-054Q22-36M	22.0	A		56.7	1.08	16000	16	R390-11..	
	18	22	57.00	R390-054Q22-57L	22.0	A		82.6	1.30	7500	8	R390-18..	
63.0	18	27	57.00	R390-063Q27-57L	27.0	A		82.6	1.58	6800	12	R390-18..	
80.0	18	32	71.00	R390-080Q32-71L	32.0	A		96.7	2.88	5900	15	R390-18..	
100.0	18	40	57.00	R390-100Q40-57M	40.0	B		82.6	3.37	5200	16	R390-18..	
125.0	18	40	43.00	R390-125Q40-43L	40.0	B		68.6	5.00	4600	18	R390-18..	
160.0	18	40S	43.00	R390-160Q40-43L	40.0	C	66.7	68.6	7.21	4000	24	R390-18..	
200.0	18	60	43.00	R390-200Q60-43L	60.0	C	101.6	68.6	14.48	3600	27	R390-18..	

Spare parts	
	Insert screw
11	5513 024-01
18	5513 036-01

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



I64



L4



M2



N22



N6



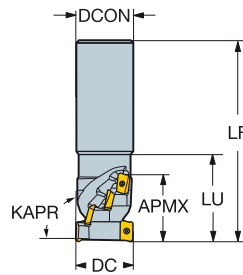
N9

CoroMill® 390 long edge square shoulder milling cutter

Cylindrical shank



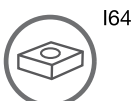
KAPR 90°



						Dimensions, mm						
DC	CZC _{MS}	APMX _{FFW}	APMX _{FFW}	Ordering code	DCON	LF	LU	ⓀG	RPMX	CICT	MIID	
32.0	11	25	36.00	2	R390-032A25-36L	25.0	108.7	0.59	21700	8	R390-11..	
	11	32	36.00	2	R390-032A32-36L	32.0	112.7	0.74	21700	8	R390-11..	
40.0	11	40	45.00	3	R390-040A40-45M	40.0	131.5	1.23	18900	15	R390-11..	

Spare parts
Insert screw
5513 024-01

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



164



L4



N22



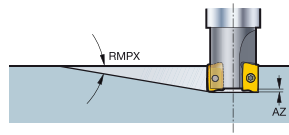
N6



N9

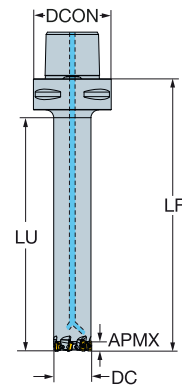
CoroMill® 390 damped square shoulder milling cutter

Coromant Capto® - Internal coolant supply



KAPR

90°



SilentTools®

DC	CZC _{MS}	APMX _{FFW}	APMX _{FFW}	RMPX	AZ	CNSC	Ordering code	Dimensions, mm					CICT	MID		
								DCON	LF	LU	KG	RPMX				
20.0	07	C5	2.0	5.80	2°	0.5	3	5	R390-020C5D-07H145	50.0	145.0	120.0	0.92	20000	5	390R-07..
	07	C6	2.0	5.80	2°	0.5	3	5	R390-020C6D-07H147	63.0	147.0	120.0	1.25	20000	5	390R-07..
	11	C5	5.5	10.00	5°	1.0	3	2	R390-020C5D-11L145	50.0	145.0	120.0	0.91	20000	2	R390-11..
	11	C6	5.5	10.00	5°	1.0	3	2	R390-020C6D-11L147	63.0	147.0	120.0	1.24	20000	2	R390-11..
25.0	07	C5	2.0	5.80	1°	0.5	3	7	R390-025C5D-07H175	50.0	175.0	150.0	1.19	20000	7	390R-07..
	07	C6	2.0	5.80	1°	0.5	3	7	R390-025C6D-07H177	63.0	177.0	150.0	1.52	20000	7	390R-07..
	11	C5	5.5	10.00	5°	1.0	3	2	R390-025C5D-11L175	50.0	175.0	150.0	1.19	20000	2	R390-11..
	11	C6	5.5	10.00	5°	1.0	3	2	R390-025C6D-11L177	63.0	177.0	150.0	1.53	20000	2	R390-11..
32.0	07	C5	2.0	5.80	1°	0.5	3	8	R390-032C5D-07H217	50.0	217.0	192.0	1.82	15000	8	390R-07..
	07	C6	2.0	5.80	1°	0.5	3	8	R390-032C6D-07H219	63.0	219.0	192.0	2.15	15000	8	390R-07..
	11	C5	3.6	10.00	5°	1.0	3	2	R390-032C5D-11L217	50.0	217.0	192.0	1.83	15000	2	R390-11..
	11	C6	5.5	10.00	3°	1.0	3	2	R390-032C6D-11L219	63.0	219.0	192.0	2.17	15000	2	R390-11..

Spare parts	
DC	Insert screw
20.00-32.00	07 5513 020-82
20.00	11 5513 020-36
25.00-32.00	11 5513 020-35

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



I64



L4



N22



N6



N9



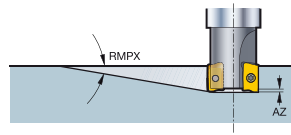
N15



L103

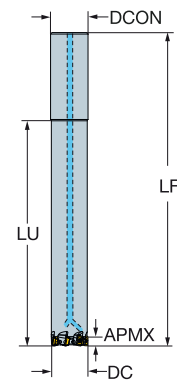
CoroMill® 390 damped square shoulder milling cutter

Cylindrical shank - Internal coolant supply



KAPR

90°



SilentTools®

										Dimensions, mm						
DC	CZC _{MS}	APM _{EFW}	APM _{FFW}	RMPX	AZ	CNSC	Ordering code	DCON	LF	LU	RPMX	CICT	MIID			
20.0	07	2.0	5.80	2°	0.5	1	R390-020A20D-07H	20.0	173.0	120.0	0.71	20000	5	390R-07..		
	11	2.0	5.5	10.00	5°	1.0	R390-020A20D-11L	20.0	173.0	120.0	0.73	20000	2	R390-11..		
25.0	07	2.0	5.80	1°	0.5	1	R390-025A25D-07H	25.0	209.0	150.0	0.96	20000	7	390R-07..		
	11	2.0	5.5	10.00	5°	1.0	R390-025A25D-11L	25.0	209.0	150.0	0.95	20000	2	R390-11..		
32.0	07	2.0	5.80	1°	0.5	1	R390-032A32D-07H	32.0	255.0	192.0	1.74	15000	8	390R-07..		
	11	2.0	5.5	10.00	3°	1.0	R390-032A32D-11L	32.0	255.0	192.0	1.48	15000	2	R390-11..		

		Spare parts
DC	Insert screw	
20.00-32.00	07	5513 020-82
20.00	11	5513 020-36
25.00-32.00	11	5513 020-35

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



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L4



N22



N6



N9



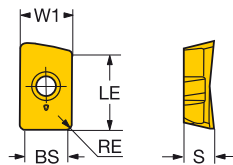
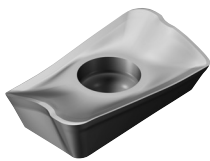
N15



L103

CoroMill® 390 insert for milling

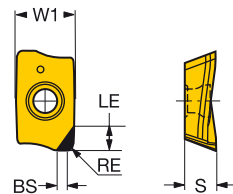
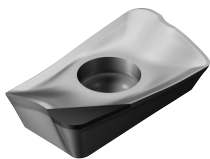
KRINS 90°



Wiper TECHNOLOGY

		RE	Ordering code	P						M		K		N		S		H		Dimensions, mm					
				1025	1130	1025	1130	1020	1025	1130	1025	1130	1025	1130	1025	1130	W1	LE	S	BS					
Light	KTW	18	1.60	R390-18 06 16H-KTW																	11.0	15.4	6.33	8.6	
		11	0.80	R390-11 T3 08E-PLW	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	6.8	10.0	3.59	5.0
		18	1.60	R390-18 06 16H-PTW																		11.0	15.4	6.33	8.6

KRINS 90°



Advanced cutting materials

		RE	Ordering code	N				Dimensions, mm					
				CD10	W1	LE	S	BS	W1	LE	S	BS	
Light	NL	11	0.40	R390-11T304E-P4-NL	☆	6.8	4.0	3.59	2.2				
		17	0.80	R390-170408E-P6-NL	☆	9.6	6.0	4.76	1.8				



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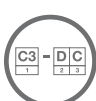
1146



1168



N22



N10



N2