

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



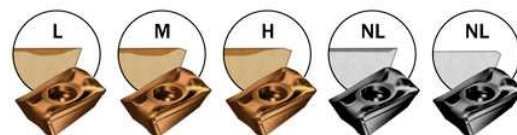
www.sandvik.coromant.com/coromill390

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



I58



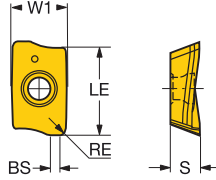
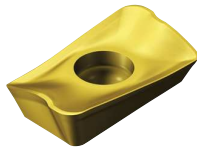
I74



N6

CoroMill® 390 insert for milling

KRINS 90°



RE	Ordering code	Dimensions, mm																									
		P				M		K		N		S		H													
		1130	4220	4330	4340	530	1040	1130	2040	3040	3330	3330	1130	530	H13A	H13A	H13A	S30T	S40T	1010	1130	530	W1	LE	S	BS	
07	0.20 390R-070202M-PM 0.40 390R-070204M-PM 0.80 390R-070208M-PM 1.20 390R-070212M-PM 1.60 390R-070216M-PM	★	★	★	★		☆							☆							☆	☆		4.0	5.9	2.40	0.7
Medium PM	11	0.20 R390-11 T3 02E-PM 0.40 R390-11 T3 04M-PM 0.80 R390-11 T3 08M-PM 1.20 R390-11 T3 12E-PM 1.60 R390-11 T3 16E-PM 1.60 R390-11 T3 16M-PM 2.00 R390-11 T3 20E-PM 2.40 R390-11 T3 24E-PM 3.10 R390-11 T3 31E-PM 3.10 R390-11 T3 31M-PM	★	★	★		☆							☆							☆	☆		6.8	10.0	3.59	0.7
	17	0.40 R390-17 04 04E-PM 0.40 R390-17 04 04M-PM 0.80 R390-17 04 08M-PM 1.20 R390-17 04 12E-PM 1.60 R390-17 04 16E-PM 1.60 R390-17 04 16M-PM 2.00 R390-17 04 20E-PM 2.40 R390-17 04 24E-PM 3.10 R390-17 04 31E-PM 3.10 R390-17 04 31M-PM 4.00 R390-17 04 40E-PM 4.80 R390-17 04 48E-PM 5.00 R390-17 04 50E-PM 6.00 R390-17 04 60E-PM 6.35 R390-17 04 64E-PM	★	★	★	★	☆							☆							★	★	★	9.6	15.7	4.76	1.0
	18	0.80 R390-18 06 08M-PM 1.20 R390-18 06 12M-PM 1.60 R390-18 06 16M-PM 2.00 R390-18 06 20M-PM 3.10 R390-18 06 31M-PM	★	★	★	☆							☆								★	★	★	11.0	15.4	6.33	1.1
	PMR	18 1.20 R390-18 06 12M-PMR	★	★	☆		☆						☆							★	★	★	11.0	15.4	6.33	0.3	
	Heavy KH MH PH	11 1.00 R390-11 T3 10M-KH									☆	★											6.8	10.0	3.59	1.0	
		17 0.80 R390-17 04 08M-KH									☆	★											9.6	15.7	4.76	1.5	
		11 1.00 R390-11 T3 10M-MH					★	☆							☆								6.8	10.0	3.59	1.0	
		11 1.00 R390-11 T3 10M-PH	☆	☆	☆	★		☆								☆					★	☆	☆	6.8	10.0	3.59	1.0
		17 0.80 R390-17 04 08M-PH 1.60 R390-17 04 16M-PH	☆	☆	☆	★																		9.6	15.7	4.76	1.5

