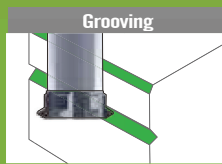
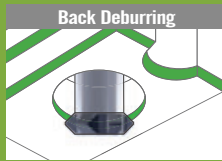
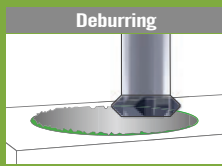
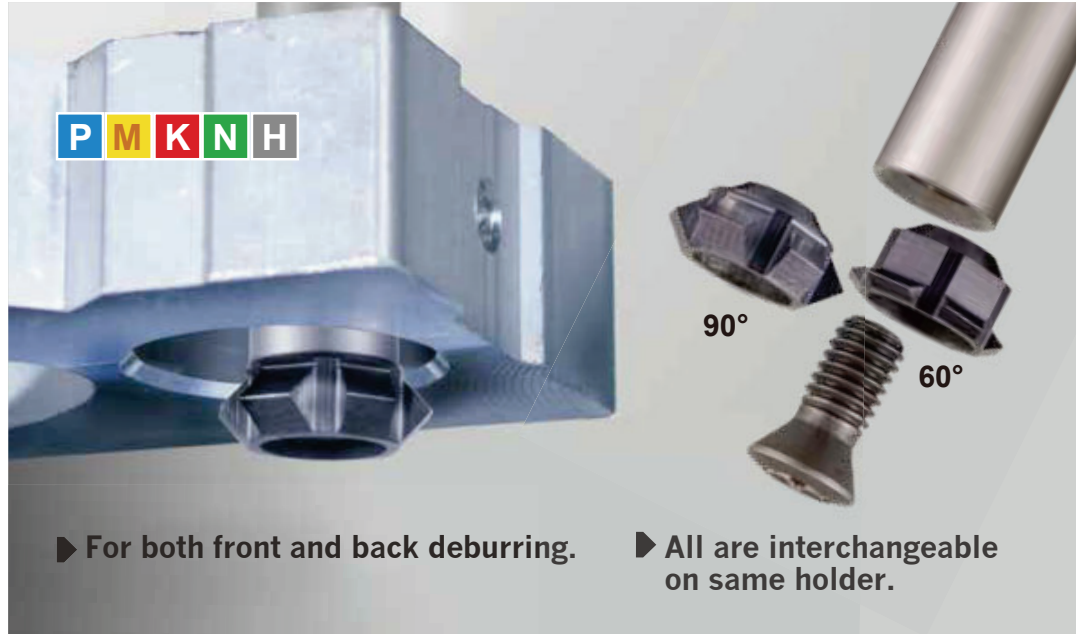


# Deburring Mill 60° & 90°



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6 cutting flutes, higher feed rate  
Good for hardened steel up to HRC60.

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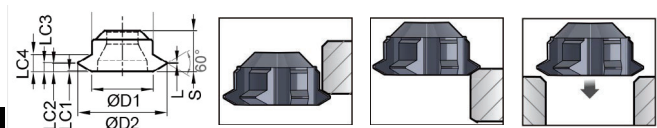
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# Nine<sup>9</sup> 60° Deburring Mill Inserts

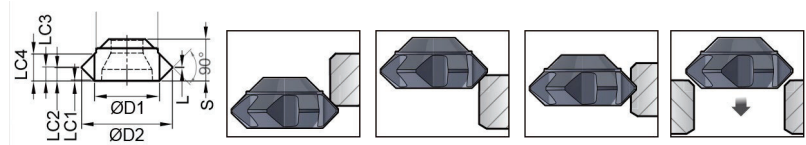
- For front and back deburring.
- Also for threading application.



Code	Parts No.	Coating	Grade	ØD1	ØD2	L	LC1	LC2	LC3	LC4	S	Plunge 0.1C		Thread Size	
												min.hole	max.hole	Internal	External
01R2101	R06005-05006-32	TiAlN	K20F	3.9	5.0	0.06	0.03	0.35	0.41	2.45	2.45	4.1	4.8	M6xP0.75	P0.7
01R2102	R06005-05006-00	Uncoated													
01R2103	R06005-05010-32	TiAlN		3.9	5.0	0.1	0.03	0.32	0.42	2.45	2.45	4.1	4.8	M6xP1.0	P0.8
01R2104	R06005-05010-00	Uncoated													
01R2105	R06007-06810-32	TiAlN		5.5	6.8	0.1	0.03	0.40	0.50	3.25	3.25	5.7	6.6	M8xP1.0 M8xP1.25	P1.0
01R2106	R06007-06810-00	Uncoated													
01R2107	R06010-08510-32	TiAlN		6.9	8.5	0.1	0.03	0.49	0.59	4.60	4.60	7.1	8.3	M10xP1.0 M10xP1.25 M10xP1.5	P1.0
01R2108	R06010-08510-00	Uncoated													
01R2109	R06010-10010-32	TiAlN		6.9	10.0	0.1	0.03	0.92	1.02	4.60	4.60	7.1	9.8	M12xP1.75 M14xP2.0 M16xP2.0 -12UNC/UNF	P1.25 P1.5 P1.75 P2.0
01R2110	R06010-10010-00	Uncoated													

# Nine<sup>9</sup> 90° Deburring Mill Inserts

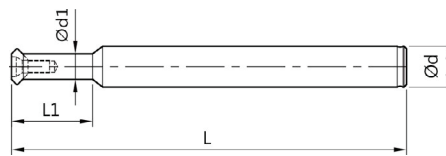
- Front & back deburring in one operation.



Code	Parts No.	Coating	Grade	ØD1	ØD2	L	LC1	LC2	LC3	LC4	S	Plunge 0.1C	
												min.hole	max.hole
01R4101	R09005-05060-32	TiAlN	K20F	3.9	5.0	0.6	0.05	0.6	1.2	1.77	2.45	4.1	4.8
01R4102	R09005-05060-00	Uncoated											
01R4103	R09007-07020-32	TiAlN		5.1	7.0	0.2	0.05	1.0	1.2	2.17	3.25	5.3	6.8
01R4104	R09007-07020-00	Uncoated											
01R4105	R09010-10010-32	TiAlN		7.2	10.0	0.1	0.05	1.45	1.55	2.97	4.60	7.4	9.8
01R4106	R09010-10010-00	Uncoated											

# Nine<sup>9</sup> Holders

- Made of hardened high alloy steel.
- For both 60° and 90° deburring inserts.



Code	Parts No.	Type	Ød	Ød1	L1	L	Insert Type	Screw	Key
70R102	00-99626-CR05-05-031	BC05-CR05-031	5	3.5	6 (1xD)	31	Rxxx05	*NS-20045 0.6Nm	NK-T6
70R103	00-99626-CR05-08-076	BC08-CR05-076	8	3.5	12 (2xD)	76			
70R101	00-99626-CR05-05-043	BC05-CR05-043	5	3.5	18 (3xD)	43			
70R302	00-99626-CR07-06-036	BC06-CR07-036	6	5	8	36	Rxxx07	NS-25060 0.9Nm	NK-T7
70R303	00-99626-CR07-08-078	BC08-CR07-078	8	5	16	78			
70R301	00-99626-CR07-06-052	BC06-CR07-052	6	5	24	52			
70R602	00-99626-CR10-08-040	BC08-CR10-040	8	6.8	10	40	Rxxx10	NS-35080 2.5Nm	NK-T15
70R603	00-99626-CR10-08-082	BC08-CR10-082	8	6.8	20	82			
70R601	00-99626-CR10-08-070	BC08-CR10-070	8	6.8	30	70			

## INSERTS SPECIFICATIONS

NC2032: • TiAlN COATING PROVIDES LONGER TOOL LIFE.

- FOR ALL KINDS OF STEEL FROM < 60 HRC, CARBON STEEL, ALLOY STEEL AND CAST IRON.

XP9000: • HIGH POSITIVE GEOMETRY AND SHARP EDGE PRODUCES EXCELLENT SURFACE FINISH.

- FOR NON-FERROUS MATERIAL SUCH AS ALUMINUM, TITANIUM, BRASS, COPPER AND LONG CUTTING CHIP METAL.



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