

# Ball Nose Hard Profile Cutters GF 300 B - Metric - Standard Length

## center cutting



Standard



No. Flutes



Helix Angle



Radius



Rake Angle



Roughing



Ramping



Helix



Finishing



Copy Milling

Tool material

Solid Carbide

Surface finish

nano-Si®

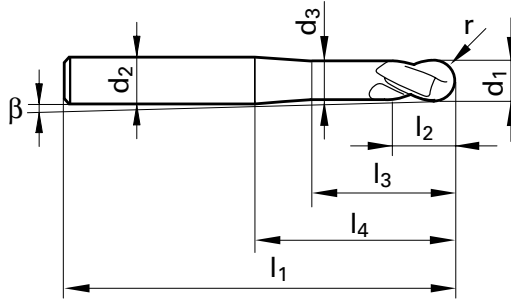
Series

3359

Application group	Material examples	Ideal for
P	Steel	●
M	Stainless steel	—
K	Cast iron	●
N	Aluminum	—
S	Ni / Ti alloys	—
H	Hardened steel	●

●=Optimal ○=Secondary

Speed and Feed data found on page 300



d1 h8	d2 h6	d3	l1	l2	l3	l4	r	β	No. of Flutes	Code no.	EDP Number
mm	mm	mm	mm	mm	mm	mm	mm	°			
0.500	3.000	0.400	38.00	0.75	2.60	10.00	0.25	7.40	2	0.500	9033590005000
0.800	3.000	0.700	38.00	1.20	3.50	10.00	0.40	6.60	2	0.800	9033590008000
1.000	3.000	0.900	38.00	1.50	4.00	10.00	0.50	6.10	2	1.000	9033590010000
1.500	3.000	1.400	38.00	2.25	5.50	10.00	0.75	4.70	2	1.500	9033590015000
2.000	6.000	1.900	57.00	3.00	9.40	21.00	1.00	5.80	2	2.000	9033590020000
3.000	6.000	2.700	57.00	5.00	11.60	21.00	1.50	4.40	2	3.000	9033590030000
4.000	6.000	3.700	57.00	6.00	14.50	21.00	2.00	3.10	2	4.000	9033590040000
5.000	6.000	4.700	57.00	8.00	17.30	21.00	2.50	1.60	2	5.000	9033590050000
6.000	6.000	5.700	57.00	9.00	20.00	21.00	3.00	-	2	6.000	9033590060000
8.000	8.000	7.700	63.00	12.00	26.00	27.00	4.00	-	2	8.000	9033590080000
10.000	10.000	9.500	72.00	15.00	30.00	32.00	5.00	-	2	10.000	9033590100000
12.000	12.000	11.500	83.00	18.00	36.00	38.00	6.00	-	2	12.000	9033590120000
16.000	16.000	15.500	92.00	24.00	42.00	44.00	8.00	-	2	16.000	9033590160000