

# HSC-Profile Cutters with Ball Nose GF 500 B - Metric - Standard Length

## center cutting



Standard



No. Flutes



Helix Angle



Radius



Rake Angle



Slotting



Roughing



Ramping



Helix



Finishing



Copy Milling

Tool material

**Solid Carbide**

Surface finish

nano-Si®

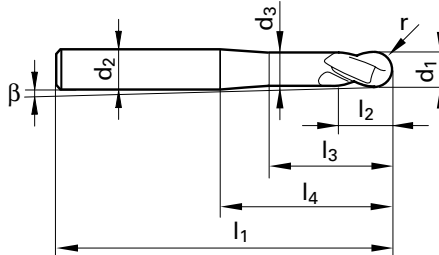
Series

**3848**

Application group	Material examples	Ideal for
<b>P</b>	Steel	●
<b>M</b>	Stainless steel	●
<b>K</b>	Cast iron	●
<b>N</b>	Aluminum	—
<b>S</b>	Ni / Ti alloys	●
<b>H</b>	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	°			
2.000	6.000	1.800	57.00	3.00	6.20	20.00	1.00	6.10	2	2.000	9038480020000
3.000	6.000	2.800	57.00	3.50	8.40	20.00	1.50	4.70	2	3.000	9038480030000
4.000	6.000	3.800	57.00	4.00	9.40	20.00	2.00	3.20	2	4.000	9038480040000
6.000	6.000	5.600	57.00	6.00	19.00	20.00	3.00	-	2	6.000	9038480060000
8.000	8.000	7.600	63.00	7.00	25.00	26.00	4.00	-	2	8.000	9038480080000
10.000	10.000	9.600	72.00	8.00	28.00	30.00	5.00	-	2	10.000	9038480100000
12.000	12.000	11.500	83.00	10.00	33.00	35.00	6.00	-	2	12.000	9038480120000