

Solid carbide universal end mills

HPC radius end mills

Tool illustration				Tool material	Gühring no.
Standard	Type	Surface	Shank design	Diameter range	

End mills (4-fluted)

	Solid carbide	3637			
DIN 6527 K	N	F	HA	2.000 - 20.000	
	Solid carbide	3298			
DIN 6527 K	N	○	HB	2.000 - 20.000	
	Solid carbide	3721			
DIN 6527 K	N	F	HB	2.000 - 20.000	
	Solid carbide	3197			
DIN 6527 L	N	○	HA	2.000 - 20.000	
	Solid carbide	3649			
DIN 6527 L	N	F	HA	2.000 - 20.000	
	Solid carbide	3299			
DIN 6527 L	N	○	HB	2.000 - 20.000	
	Solid carbide	3722			
DIN 6527 L	N	F	HB	2.000 - 20.000	
	Solid carbide	3257			
Gühring std.	N	○	HA	4.500 - 20.000	
	Solid carbide	3713			
Gühring std.	N	F	HA	4.500 - 20.000	
	Solid carbide	3304			
DIN 6528	N	○	HA	4.000 - 20.000	
	Solid carbide	3678			
DIN 6528	N	F	HA	4.000 - 20.000	

XL end mills (4-fluted)

	Solid carbide	3012			
Gühring std.	N	○	HA	3.000 - 20.000	
	Solid carbide	3023			
Gühring std.	N	F	HA	3.000 - 20.000	

○ bright	● steam tempered	● nitrided lands	● nitrided	● golden brown	● TiAlN
● AITiN	● TiCN	● FIRE	● AlCrN	● S TiN	● MolyGlide

Tool illustration				Tool material	Gühring no.
Standard	Type	Surface	Shank design	Diameter range	

Slot drills with corner radius (2-fluted)

	Solid carbide	3106			
DIN 6527 L	N	○	HA	6.000 - 20.000	
	Solid carbide	3561			
DIN 6527 L	N	F	HA	6.000 - 20.000	

End mills with corner radius (4-fluted)

	Solid carbide	3111			
DIN 6527 L	N	○	HA	6.000 - 20.000	
	Solid carbide	3562			
DIN 6527 L	N	F	HA	6.000 - 20.000	

GH 100 U - multi-tooth end mills with corner radius

	Solid carbide	3112			
DIN 6527 L	NH	○	HA	6.000 - 20.000	
	Solid carbide	3563			
DIN 6527 L	NH	F	HA	6.000 - 20.000	

GF 500 T - HSC-profile cutters with Torus form

	Solid carbide	3856			
Gühring std.	N	● A	DZ	2.000 - 12.000	
	Solid carbide	3859			
Gühring std.	N	● A	DZ	2.000 - 12.000	
	Solid carbide	3860			
Gühring std.	N	● A	DZ	2.000 - 8.000	
	Solid carbide	3865			
Gühring std.	N	● A	DZ	6.000 - 12.000	
	Solid carbide	3863			
Gühring std.	N	● A	DZ	4.000 - 12.000	

HPC radius end mills

Tool illustration				Tool material	Gühring no.
Standard	Type	Surface	Shank design	Diameter range	

GF 300 T - hard profile cutters with Torus form

	DK 500 UF	3361			
Gühring std.	H	F	HA	3.000 - 16.000	
	DK 500 UF	3362			
Gühring std.	H	F	HA	6.000 - 16.000	

GH 100 H - hard multi-tooth end mills with corner radius

	DK 500 UF	3363			
Gühring std.	H	F	HA	6.000 - 16.000	

Ball nose slot drills (2-fluted)

	Solid carbide	3308			
DIN 6527 L	N	○	HA	0.500 - 20.000	
	Solid carbide	3679			
DIN 6527 L	N	F	HA	0.500 - 20.000	
	Solid carbide	3024			
DIN 6527 L	N	○	HB	3.000 - 20.000	
	Solid carbide	3049			
DIN 6527 L	N	F	HB	3.000 - 20.000	

Ball nose end mills (4-fluted)

	Solid carbide	3306			
DIN 6528	N	○	HA	4.000 - 20.000	
	Solid carbide	3727			
DIN 6528	N	F	HA	4.000 - 20.000	
	Solid carbide	3026			
DIN 6527 L	N	○	HB	3.000 - 20.000	
	Solid carbide	3050			
DIN 6527 L	N	F	HB	3.000 - 20.000	

Tool illustration				Tool material	Gühring no.
Standard	Type	Surface	Shank design	Diameter range	

XL ball nose slot drills (2-fluted)

	Solid carbide	3014			
Gühring std.	N	○	HA	3.000 - 12.000	
	Solid carbide	3030			
Gühring std.	N	F	HA	3.000 - 12.000	

XL ball nose end mills (4-fluted)

	Solid carbide	3015			
Gühring std.	N	○	HA	3.000 - 12.000	
	Solid carbide	3043			
Gühring std.	N	F	HA	3.000 - 12.000	

GF 200 B - ball nose profile cutters

	Solid carbide	3017			
Gühring std.	N	○	HA	3.000 - 10.000	
	Solid carbide	3044			
Gühring std.	N	F	HA	3.000 - 10.000	
	Solid carbide	3018			
Gühring std.	N	○	HA	3.000 - 10.000	
	Solid carbide	3045			
Gühring std.	N	F	HA	3.000 - 10.000	

GF 500 B - HSC-ball nose profile cutters




	Solid carbide	3848			
Gühring std.	N	A	DZ	2.000 - 12.000	
	Solid carbide	3849			
Gühring std.	N	A	DZ	2.000 - 12.000	
	Solid carbide	3853			
Gühring std.	N	A	DZ	2.000 - 8.000	

○ bright	● steam tempered	● nitrided lands	● nitrided	● golden brown	● A TiAlN
● A AlTiN	● C TiCN	● F FIRE	● P AlCrN	● S TiN	● M MolyGlide



HPC radius end mills

Tool illustration				Tool material	Guhring no.
Standard	Type	Surface	Shank design	Diameter range	

GF 500 B - HSC-ball nose profile cutters

	Solid carbide	3855		
Guhring std.	N	A	DZ	6.000 - 12.000
	Solid carbide	3854		
Guhring std.	N	A	DZ	6.000 - 12.000
	Solid carbide	3866		
Guhring std.	N	A	DZ	4.000 - 12.000

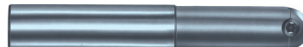
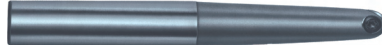



GF 300 B - ball nose hard profile cutters

	DK 500 UF	3359		
Guhring std.	H	F	HA	0.500 - 16.000
	DK 500 UF	3360		
Guhring std.	H	F	HA	3.000 - 16.000

PC

GF 200 WP

Guhring's milling cutter program includes the diesinking cutter GF 200 WP, available in two holder lengths and with carbide, Fire-coated or with cermet, bright finish indexable insert specifically designed for HSC finishing of free-form surfaces in the die and form industry:

Tool illustration				Tool material	Guhring no.
Standard	Type	Surface	Shank design	Diameter range	
					1941
Guhring std.	GF200		HA	10.00 - 32.00	
					1942
Guhring std.	GF200		HA	10.00 - 32.00	
				Cermet	1947
Guhring std.	GF200			10.00 - 32.00	
				Solid carbide	2520
Guhring std.	GF200	F		10.00 - 32.00	