




High speed steel reamers

Tool illustration				Tool material	Guhring no.
Standard	Form	Surface	Cutting direction	Diameter range	




Machine bottoming reamers

				HSS-E	419
Guhring std.		○	rh	2,500 - 12,000	
				HSS-E	420
Guhring std.		○	rh	3,000 - 32,000	




Stepped machine reamers

				HSS-E	431
Guhring std.		○	rh	5,000 - 38,000	

Shell reamers

				HSS-E	409
DIN 219	C	●	rh	25,000 - 98,000	
				HSS-E	407
DIN 219	A	●	rh	26,000 - 98,000	
				HSS-E	408
DIN 219	B	●	rh	25,000 - 75,000	

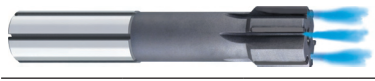


Carbide high performance reamers HR 500

				Solid carbide	1685
Guhring std.	A		rh	4,000 - 20,000	
				Solid carbide	1686
Guhring std.	A		rh	4,000 - 20,000	
				Solid carbide	1675
Guhring std.	A		rh	3,970 - 12,030	
				Solid carbide	1676
Guhring std.	A		rh	3,970 - 12,030	
				Carbide	1680
Guhring std.	A		rh	22,000 - 40,000	



Carbide reamers

Tool illustration				Tool material	Guhring no.
Standard	Form	Surface	Cutting direction	Diameter range	








Carbide high performance reamers HR 500

				Carbide	1681
Guhring std.	A		rh	22,000 - 40,000	
				Carbide	1682
Guhring std.	A		rh	22,000 - 40,000	
				Carbide	1683
Guhring std.	A		rh	22,000 - 40,000	

NC machine reamers

				Solid carbide	1427
Guhring std.		○	rh	0,980 - 12,050	
				Solid carbide	1449
Guhring std.		○	rh	3,000 - 12,000	

Machine reamers




				Carbide	717
~ DIN 8050	A	○	rh	5,000 - 20,000	
				Carbide	718
~ DIN 8050	B	○	rh	5,000 - 20,000	
				Carbide	1408
~ DIN 8093	A	○	rh	1,000 - 20,000	
				Carbide	1428
~ DIN 8093	A	A	rh	2,000 - 20,000	
				Carbide	1409
~ DIN 8093	B	○	rh	1,000 - 20,000	
				Carbide	1429
~ DIN 8093	B	A	rh	2,000 - 20,000	
				Carbide	719
~ DIN 8051	A	○	rh	5,000 - 40,000	

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





Carbide reamers

Tool illustration				Tool material	Guhring no.
Standard	Form	Surface	Cutting direction	Diameter range	



Machine reamers

				Carbide	720
~ DIN 8051	B	○	rh	6,000 - 32,000	
				Carbide	1410
~ DIN 8094	A	○	rh	5,000 - 40,000	
				Carbide	1411
~ DIN 8094	B	○	rh	5,000 - 40,000	


Machine reamers

				Carbide	674
~ DIN 8090	A	○	rh	4,000 - 15,000	
				Carbide	1430
~ DIN 8090	A	ⓐ	rh	3,000 - 14,000	
				Carbide	1407
~ DIN 8090	B	○	rh	3,000 - 16,000	
				Carbide	737
~ DIN 8090	C	○	rh	4,000 - 15,500	

Expanding machine reamers

				Carbide	749
Guhring std.		○	rh	8,000 - 20,000	
				Carbide	740
Guhring std.		○	rh	8,000 - 40,000	




Stepped machine reamers

				Carbide	743
Guhring std.		○	rh	7,000 - 38,000	



Taper reamers/Hand reamers

Tool illustration				Tool material	Guhring no.
Standard	Form	Surface	Cutting direction	Diameter range	



Hand taper reamers

				HSS	428
DIN 9	A	○	rh	1,000 - 50,000	
				HSS	429
DIN 9	B	○	rh	1,500 - 50,000	
				HSS	1433
Guhring std.		○	rh	3,000 - 23,000	



Machine taper reamers

				HSS-E	410
DIN 2179		○	rh	1,000 - 12,000	
				HSS-E	411
DIN 2180		○	rh	5,000 - 50,000	

Hand reamers

				HSS	412
DIN 206	A	○	rh	1,000 - 60,000	
				HSS	413
DIN 206	B	○	rh	1,000 - 60,000	

Hand reamers

	adjustable			HSS	415
DIN 859	B	○	rh	4,000 - 60,000	
	expanding			HSS	416
Guhring std.		○	rh	6,400 - 80,000	

Shell reamers

				Carbide	727
DIN 8054		○	rh	25,000 - 55,000	

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