














High speed steel reamers

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

NC machine reamers

				HSS-E	455
Guhring std.		○	rh	1,000 - 12,030	
				HSS-E	490
Guhring std.		○	rh	1,500 - 20,000	


Machine reamers

				HSS-E	404
DIN 208	A	○	rh	3,000 - 50,000	
				HSS-E	405
DIN 208	B	○	rh	3,000 - 50,000	
				HSS-E	642
DIN 208	B	Ⓢ	rh	8,000 - 20,000	
				HSS-E	401
DIN 212	A	○	rh	1,000 - 5,500	
				HSS-E	402
DIN 212	B	○	rh	1,000 - 3,700	
				HSS-E	440
DIN 212	C	○	rh	4,000 - 20,000	
				HSS-E	468
DIN 212	D	○	rh	3,800 - 20,000	
				HSS-E	641
DIN 212	D	Ⓢ	rh	4,000 - 20,000	
				HSS-E	457
DIN 212	A	○	lh	1,000 - 6,000	
				HSS-E	467
DIN 212	C	○	lh	4,500 - 10,000	
				HSS-E	496
DIN 212	B/D	○	rh	0,950 - 12,050	


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

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




Machine reamers with coolant duct

				HSS-E	1431
DIN 212	C	○	rh	5,000 - 20,000	

Machine reamers

				HSS-E	488
DIN 8089	A	○	rh	4,000 - 20,000	
				HSS-E	489
DIN 8089	B	○	rh	4,000 - 20,000	
				HSS-E	497
Set Guhring no. 458					
DIN 8089	B	○	rh	3,760 - 12,050	
				HSS-E	1432
DIN 8089	A	○	rh	5,000 - 20,000	


Quick spiral reamers

				HSS-E	403
DIN 212		○	rh	1,000 - 5,500	
				HSS-E	469
DIN 212	E	○	rh	4,000 - 20,000	
				HSS-E	406
DIN 208	C	○	rh	3,000 - 32,000	

Machine bridge reamers

				HSS	414
DIN 311		●	rh	6,400 - 40,000	



Expanding machine reamers

				HSS-E	430
Guhring std.		○	rh	8,000 - 32,000	


High speed steel reamers

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




Machine bottoming reamers

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




Stepped machine reamers

				HSS-E	431
Gühring 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	

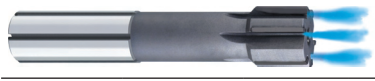


Carbide high performance reamers HR 500

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



Carbide reamers

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








Carbide high performance reamers HR 500

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

NC machine reamers

				Solid carbide	1427
Gühring std.		○	rh	0,980 - 12,050	
				Solid carbide	1449
Gühring 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