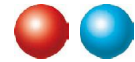


Dies compass



Material examples	
Material no. to DIN EN 10 027	Abbreviation

general steels ≤ 800 N/mm ²	
Structural steels	
1.0035	S 185 (St 33)
1.0039	S 235 JRH
1.0036	S 235JRG1+CR
1.0060	E 335 (St 60-2)

Free-cutting steels	
1.0718	11SMnPb30
1.0721	10S20
1.0758	60SPb20
1.0726	35S20

Case hardened steels	
1.0401	(C 15)
1.7016	17 CR3
1.7131	16MnCr5
1.5919	15CrNi6

Unalloyed heat-treatable steels	
1.0402	C 22
1.1151	C22E (Ck 22)
1.0503	C 45
1.1191	C45E (Ck 45)

high tensile steels ≥ 800 N/mm ²	
Alloyed heat-treatable steels	
1.6511	36 CrNiMo 4
1.7033	34 Cr 4
1.7225	42 CrMo 4

Tool steels	
1.2316	X 36 CrMo 17
1.2067	10 S20

High speed tool steels	
1.3343	HS 6-5-2
1.3344	HS 6-5-3
1.3243	HS 6-5-2-5
1.3247	HS 2-19-1-8

stainless and acid-resistant steels	
Sulphured stainless steels	
1.4005	X 12 CrS 13
1.4104	X 14 CrMo S 17
1.4105	X 6 CrMo S 17
1.4305	X 8CrNi S 18-9

Austenitic stainless steels	
1.4300	X 12 CrNi 18-8
1.4301	X 5 CrNi 18-10
1.4541	X 6 CrNiTi 18-10

Martensitic stainless steels	
1.4057	X 17 CrNi 16-2
1.4112	X 90 CrMoV 18
1.4006	X 12 Cr 13

Ferritic stainless steels	
1.4000	X 6 Cr 13
1.4008	GX7CrNiMo12-1
1.4113	X 6 CrMo 17-1

** Guhring no. 121 with additional clearance hole
 Guhring no. 125 with screw holes
 Guhring no. 126 with bell form

Tool material			HSS						HSS-E	
Surface finish			○	○	○	●	○	○	●	●
Chamfer			-	-	lapped	lapped	lapped	-	lapped	-
			without	with*	with*	with*	with*	with*	with*	with*
* Dies for metric and metric fine threads > M2.6 with chamfer							for brass	left-hand thread		
Thread type	Tolerance zone	Dim. to DIN 2184-2	Guhring no. Ø-range Prices on page							
M	6g	DIN EN 22568	151 M1 - M39 p. 415	152 M3 - M52 p. 415	153 M3 - M27 p. 417	154 M3 - M27 p. 417	155 M3 - M24 p. 418	156 M3 - M33 p. 418	130 M2 - M20 p. 419	
	-	DIN 382	139 M3,5 - M52 p. 420	140 M3 - M16 p. 420						
	6g	Guhring std.		121** M2,2 - M12 p. 422	125** M1,1 - M10 p. 421					
MF	6g	DIN EN 22568	161 M2,3x0,25 - M56x1,50 p. 424	162 M3x0,35 - M33x3 p. 424	163 M4,5x0,5 - M48x3 p. 424		165 M4x0,35 - M38x1,50 p. 424		131 M8x1,0 - M10x1,00 p. 424	
UNC	-	DIN EN 22568	181 No. 2-56 - 7/16-14 p. 427	182 No. 8-32 - 2-4,5 p. 427						
UNF	-	DIN EN 22568	184 No. 0-80 - 1 1/2"-12 p. 428	185 No. 6-40 - 1 3/8"-12 p. 428						
BSW	-	DIN EN 22568	171 W 5/32" - W 1/2" p. 429	172 W 3/16" - W 3/4" p. 429	173 W 5/32" - W 2" p. 429					
G BSP thread	-	DIN EN 24231	175 G 1/8" - G 1 3/4" p. 430	176 G 1/8" - G 2 1/4" 430	177 G 3/8" - G 1/2" p. 430					
R-BSPT thread	-	DIN EN 24230	197 R 1/2" p. 431	198 R 1/8" - R 1 1/4" p. 431						
NPT-thread	-	DIN EN 22568	190 1/8" - 1 p. 432	191 1/8" - 3/4" p. 432						