

for screws and bolts, nuts and miscellaneous cold extruded parts

Material No.	Quality	Property class
Standard wire EN 10263 and special qualities		
1.0303	C 4 C	3.6
1.0213	C 8 C	4.6 / 4.8 - 6.8
1.0214	C 10 C	4.6 / 4.8 - 6.8
1.1132	C 15 E 2 C	4.6 / 4.8 - 6.8
	Cq 15 Mn	case-hardened steel
1.1152	C 20 E 2 C	
	SAE 1018	
	SAE 1022	
1.5920	18 Cr Ni 8	
1.5503	18 B 2	hardening values according to table 9 EN 10263-4
1.5510	28 B 2	
1.5514	33 B 2	
1.5515	38 B 2	
1.7016	17 Cr 3	hardening values according to table 7-8 EN 10263-3
1.7131	16 Mn Cr 5	
1.7139	16 Mn Cr S 5	
1.5525	20 Mn B 4	8.8
	20 Mn B 4 Cr	10.9 to 10 mm in diameter
1.5535	23 Mn B 4	8.8
1.1192	C 45 E C	hardening values according to table 7 EN 10263-4
1.7033	34 Cr 4	10.9
1.7034	37 Cr 4	
1.7220	34 Cr Mo 4	12.9
1.6582	34 Cr Ni Mo 6	hardening values according to table 7 EN 10263-4
1.7225	42 Cr Mo 4	12.9
1.7076	32 Cr B 4	
1.7077	36 Cr B 4	
High-temperature qualities DIN EN 10269		
1.7709	21 Cr Mo V 57	
1.7711	40 Cr Mo V 46	



GRADES FOR SPECIAL USES

Material No.	Quality	Application range
Steel for manufacturing nuts DIN 17111		
1.0703	10 S 10	Nuts
Soft magnetic material DIN 17405		
1.1015	RFe 60	Relay Cores
1.1014	RFe 80	
1.1013	RFe 100	
1.1012	RFe 120	
Hardenable steel wire DIN 17140		
1.0612	AL 60	Steel nails, Bent components, Screw drivers
1.0616	AL 80/90	
Steel for the manufacture of ball bearings EN ISO 683-17		
1.3505	100 Cr 6	Balls, Roller bearings, Grooved pins
Spring steel DIN EN 10089		
1.8159	50 Cr V 4	Springs
1.2242	59 Cr V 4	
Tool steel		
1.2243	61 Cr Si V 5	Tools
1.2381	73 Mo V 52	
Free cutting steel EN 10087		
1.0715	11 SMn 30	Parts to be turned
1.0718	11 SMnPb 30	