

material list

(examlary > further materials on request)

	Shortname DIN	Material
steel		
structural steels, fine-grained structural steels MPa < 800N/mm ²	structural steel	
	S235 JR (St 37-2)	1,0037
	S235JRC	1,0120
	S355J2G3	1,0570
unalloyed and low alloyed steels MPa<800N/mm ²	case-hardening steel	
	C15Pb	1,0403
	C10E (Ck 10)	1,1121
	C15R (Cm15)	1,1140
	C15E (Ck 15)	1,1141
	15Cr3	1,7015
	16MnCr5	1,7131
	20MnCr5	1,7147
	heat treatable steel	
	C35	1,0501
	C30	1,0528
	C35R (Cm35)	1,1180
	C35E (Ck 35)	1,1181
	C45E (Ck45)	1,1191
	machining steel	
	11S10	1,0710
	11SMn30	1,0715
	11SMnPb30	1,0718
	10S20	1,0721
	10SPb20	1,0722
	35S20	1,0716
46S20	1,0727	
46SPb20	1,0757	
11SMn37	1,0736	
11SMnPb37	1,0737	
44SMn28	1,0762	
44SMnPb28	1,0763	
alloyed steels MPa <800 N/mm ²	coldtough and warmhard structural steel	
	20Mn6	1,1169
	P310GH	1,0482
	unalloyed tool steel	
	C45U	1,1730
	C60U	1,1740

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stainless steel		
rust-, acid-, heatproof steels	Inox, sulphured	
	X14CrMoS17	1,4104
	X6CrMoS17	1,4105
	X10CrNiS18-9	1,4305
	austenitic	
	X10CrNiS18-9	1,4305
	X5CrNi18-10	1,4301
	X2CrNi18-9	1,4307
	X2CrNiMo17-12-2	1,4404
	X3CrNiCu18-9-4	1,4567
	X8CrNiCuS18-9-2	1,4570
	X3CrNiMoCu18-12-2-1	1,4598
	ferric	
	X6Cr13	1,4000
	X6Cr17	1,4016
	X6CrMoS17	1,4105
	X6CrMo17-1	1,4113
	martensitic	
	X12CrS13	1,4005
	X20Cr13	1,4021
	X30Cr13	1,4028
	X46Cr13	1,4034
	X14CrMoS17	1,4104
	X5CrNiCuNb16-4	1,4542
copper- und copper-alloys	on request	
aluminium and aluminium-alloys	on request	
plastics	on request	