

Technical information

Material table

F19



Material main group	Material sub-group	Quality	StNr	DIN	AFNOR	UNI	BS	JIS	SS	GOST	UNS	USA	
2 Cementation, nitriding and tempered steel	2.3 Tempered steel	2.3.2 non alloyed 800 - 1000 N/mm ²	1.0535	C 55	AF 70 C55	C 55	070 M 55		1655	55		1055	
			1.0540	C 50									
			1.0601	C 60	CC 55	C 60	080 A 62			60	G 10600	1060	
			1.1203	Ck 55	XC 55	C50	070 M 55	S 55 C		55		1055	
			1.1206	Ck 50	XC 48 H1		080 M 50			50		1050	
			1.1221	Ck 60	XC 60	C60	080 A 62	S 58 C	1665; 1678	60; 60G	G 10640	1060	
		2.3.3 alloyed up to 800 N/mm ²	1.1133	20 Mn 5	20 M 5	G 22 Mn 3	120 M 19	SMnC 420				G 10220	1022; 1518
			1.3505	100 Cr 6	100 C 6	100 Cr 6	534 A 99	SUJ 2	2258	SchCh 15	G 52986	52100	
			1.5120	38 MnSi 4									
			1.5121	46 MnSi 4									
			1.5141	53 MnSi 4									
			1.5710	36 NiCr 6	35 NC 6		640 A 35	SNC 236					3135
			1.6546	40 NiCrMo 2 2	40 NCD 2	40 NiCrMo 2 (KB)	311-Type 7	SNCM 240			38ChGNM	G 87400	8740
			1.6565	40 NiCrMo 6			311-Type 6	SNCM 439			40Ch2N2MA		4340
			1.7003	38 Cr 2	38 C 2	38 Cr 2							
			1.7006	46 Cr 2	42 C 2	45 Cr 2							5045
			1.7020	32 Cr 2									
			1.7030	28 Cr 4				530 A 30			30Ch		5130
			1.7033	34 Cr 4	32 C 4	34 Cr 4 (KB)	530 A 32	SCr 430 (H)			35Ch	G 51320	5132
			1.7218	25 CrMo 4	25 CD 4	25 CrMo 4 (KB)	1717 CDS 110	SCM 420; SCM 430	2225		30ChM	G 41300	4130
	1.7220		34 CrMo 4	35 CD 4	35 CrMo 4	708 A 37	SCM 432; SCCrM 3	2234		AS38ChGM	G 41350	4135; 4137	
	1.7223		41 CrMo 4	42 CD 4 TS	41 CrMo 4	708 M 40	SCM 440	2244		40 ChFA	G 41420	4142; 4140	
	1.7225		42 CrMo 4	42 CD 4	42 CrMo 4	708 M 40	SCM 440 (H)	2244			G 41400	4142; 4140	
	1.7228		50 CrMo 4	50 CR MO4		708 A 47	SCM 445 (H)			50ChFA	G 41470	4150	
	1.8159		50 CrV 4	50 CV 4	51 CrV 4	735 A 50	SUP 10	2230		50ChGFA	G 61500	6150	
	2.3.4 alloyed 800 - 1000 N/mm ²		1.1157	40 Mn 4	35 M 5		150 M 36				40G	G 10390	1039
			1.1165	30 Mn 5	35 M 5		120 M 36	SMn 433 H; SCMn 2			30GSL		1330
			1.1167	36 Mn 5	40 M 5		150 M 36	SMn 438 (H); SCMn 3	2120		35G2; 35GL	G 13350	1335
			1.1170	28 Mn 6	20 M 5	C 28 Mn	150 M 28	SCMn 1			30G		1330
			1.3561	44 Cr 2									
			1.3563	43 CrMo 4									
			1.3565	48 CrMo 4				817 M 40	SNC 836				
			1.5120	38 MnSi 4									
		1.5121	46 MnSi 4										
		1.5122	37 MnSi 4										
		1.5131	50 MnSi 4										
		1.5141	53 MnSi 4										
		1.5223	42 MnV 7										
		1.5710	36 NiCr 6	35 NC 6			640 A 35	SNC 236				3135	
		1.5736	36 NiCr 10	30 NC 11	35 NiCr 9			SNC 631 (H)				3435	
		1.5755	31 NiCr 14	18 NC 13			653 M 31	SNC 836					
		1.6511	36 CrNiMo 4	40 NCD 3	38 NiCrMo 4 (KB)	816 M 40				40 ChN2MA	G 98400	9840	
		1.6513	28 NiCrMo 4										
		1.7003	38 Cr 2	38 C 2	38 Cr 2								
		1.7006	46 Cr 2	42 C 2	45 Cr 2							5045	
		1.7030	28 Cr 4				530 A 30			30Ch		5130	
		1.7033	34 Cr 4	32 C 4	34 Cr 4 (KB)	530 A 32	SCr 430 (H)			35Ch	G 51320	5132	
1.7034		37 Cr 4	38 C 4	38 Cr 4	530 A 36	SCr 435 H			40Ch		5135		
1.7035		41 Cr 4	42 C 4	41 Cr 4	530 M 40	SCr 440 (H)			40Ch	G 51400	5140		
1.7218		25 CrMo 4	25 CD 4 S	25 CrMo 4 (KB)	1717 CDS 110	SCM 420; SCM 430	2225		30ChM	G 41300	4130		
1.7220		34 CrMo 4	35 CD 4	35 CrMo 4	708 A 37	SCM 432; SCCrM 3	2234		AS38ChGM	G 41350	4135; 4137		
1.7223		41 CrMo 4	42 CD 4 TS	41 CrMo 4	708 M 40	SCM 440	2244		40 ChFA	G 41420	4142; 4140		
1.7225	42 CrMo 4	42 CD 4	42 CrMo 4	708 M 40	SCM 440 (H)	2244			G 41400	4142; 4140			