

Table of Some National Steel Grades-Alloy Steel

S. N.	GB/YB	ASTM	AISI	SAE	DIN	W-Nr.	JIS	Г O C T	BS	NF
1	09Mn2	---	---	---	---	---	---	09 Г 2	---	---
2	10Mn2	1513	---	1513	---	---	---	10 Г 2	---	---
3	15Mn2	---	---	---	---	---	---	15 Г 2	---	---
4	20Mn2	1024	1024	1524	---	---	SMn420	20 Г 2	150M19	---
5	30Mn2	1330	1330	1330	28Mn6	1. 5065	SMn433	30 Г 2	150M28	---
6	35Mn2	1335	1335	1335	36Mn5	1. 5067	SMn438	35 Г 2	150M36	---
7	40Mn2	1340	1340	1340	---	---	Smn443 (SMn3)	40 Г 2	---	---
8	45Mn2	1345	1345	1345	---	---	Smn443 (SMn3)	45 Г 2	---	---
9	50Mn2	1052	1052	1552	---	---	---	50 Г	---	---
10	27SiMn	---	---	---	---	---	---	27C Г	---	---
11	35SiMn	---	---	---	37MnSi5	1. 5122	---	35C Г	---	---
12	42SiMn	---	---	---	46MnSi4	1. 5121	---	43C Г	---	---
13	15MnV	---	---	---	15MnV5	1. 5213	---	---	---	---
14	42Mn2V	---	---	---	42MnVT	1. 5223	---	---	---	---
15	15Cr	5115	---	5115	---	---	SCr415 (SCr21)	15X	---	12C3
16	20Cr	5120	5120	5120	---	---	SCr240 (SCr22)	20X	527A19	18C3
17	30Cr	5130	5130	5130	---	---	SCr430 (SCr2)	30X	530A30	32C4
18	35Cr	5135	5135	5135	34Cr4	1. 7033	SCr435 (SCr3)	35X	530A36	38C4
19	40Cr	5140	5140	5140	41Cr4	1. 7035	SCr440 (SCr4)	40X	530A40	42C4
20	45Cr	5147	5147	5147	---	---	SCr445 (SCr5)	45X	---	45C4
21	50Cr	5150	5150	5150	---	---	---	50X	---	---
22	38CrSi	---	---	---	---	---	---	38XC	---	---
23	40CrSi	---	---	---	---	---	---	40XC	---	---
24	38CrMn	---	---	---	---	---	---	15XГ	---	16MC5
25	15CrMn	---	---	---	20MnCr4	1. 7147	---	20X Г	---	20MC5
26	40CrMn	---	---	---	---	---	---	40X Г	---	---
27	20CrMnSi	---	---	---	---	---	---	20X Г C	---	---
28	25CrMnSi	---	---	---	---	---	---	25X Г C	---	---
29	30CrMnSi	---	---	---	---	---	---	30X Г C	---	---
30	35CrMnSi	---	---	---	---	---	---	35X Г CA	---	---
31	20CrV	---	---	---	22CrV4	1. 7513	---	20X ψ	---	---

32	40CrV	---	---	---	42CrV6	1.7561	---	40X ψ A	---	---
33	50CrV	6150	6150	6150	50CrV4	1.8159	SUF10	50X ψ A	735A50	50CV4
34	30CrMnTi	---	---	---	---	---	---	30X Γ T	---	---
35	16Mo	---	---	---	15Mo3	1.5415	---	16M	---	---
36	12CrMo	---	---	---	13CrMo44	1.7335	---	12XM	1501-620Gr • 27	12CD4
37	15CrMo	A387Cr	---	---	16CrMo44	1.7337	SCM415	15XM	---	12CD4
38	20CrMo	---	---	---	25CrMo4	1.7218	SCM420	20XM	---	18CD4
39	30CrMo	4130	4130	4130	34CrMo4	1.722	SCM430	30XM	---	30CD4
40	35CrMo	4135	4135	4135	34CrMo4	1.722	SCM435	35XM	708A37	35CD4
41	42CrMo	4140	4140	4140	42CrMo4	1.7225	SCM440	---	708M40	42CD4
42	38CrMoAl	---	---	---	34CrAlMo 5	1.8507	SACM645	38XM ψ A	905M39	---
43	15CrMnMo	---	---	---	15CrMo5	1.7262	---	---	---	---
44	20CrMnMo	---	---	---	20CrMo5	1.7264	---	18X Γ M	---	---
45	40CrMnMo	4140	4140	4140	---	---	---	40X Γ M	708A42	---
46	12CrMoV	---	---	---	24CrMoV5 5	1.7733	---	12XM ψ	---	---
47	12Cr1MoV							12X1M ψ	---	---
48	24CrMoV							35 ψ M ψ A	---	---
49	35CrMoV							---	---	---
50	12CrNi2	---	---	---	---	---	SNC415	12XH2	---	10N11
51	12CrNi3A	---	---	3415	14NiCr10	1.5732	SNC815	12XH3A	665M13	10NC1 2
52	12Cr2Ni4A	---	E3310	3310	---	---	---	12X2H2A	---	12NC1 5
53	20CrNi	---	3120	3120	---	---	---	20XH	635M15	20NC6
54	20CrNi3A	---	---	---	---	---	---	20XH3A	---	20NC1 1
55	20Cr2Ni4A	---	---	3325	---	---	---	20X2H4A	---	30NC1 4
56	30CrNi3A	---	---	3435	---	---	SNC631	30XH3A	653M31	30NC1 1
57	37CrNi3A	---	---	3335	---	---	SNC836	---	---	35NC1 5
58	40CrNi	---	3140	3140	---	---	SNC236	40XH	640M40	35NC6
59	45CrNi	---	3145	3145	---	---	---	45XH	---	---
60	40CrNiMoA	4340	4340	4340	---	---	SNCM439	40XMA	817M40	---
61	40B	---	TS14B35	---	---	---	---	---	---	---
62	40B	---	50B36H	---	---	---	---	---	---	---
63	40MnB	---	TS14B35 H	---	---	---	---	---	---	---
64	40MnB	---	TS14B50	---	---	---	---	---	---	---

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65	65	1064	1064	1064	C67	1. 0761	---	65	080A67	XC65
66	70	1070	1070	1070	C67	1. 0761	---	70	070A72	XC70
67	75	1074	1074	1074	C75	1. 0773	---	75	070A78	XC70
68	85	1084	1084	1084	---	---	SUP3	85	080A86	---
69	65Mn	1566	---	1566	---	---	---	65 Γ	---	---
70	55Si2Mn	9255	9255	9255	55Si7	1. 0904	SUP6	55C2	250A53	55S6
71	60Si2Mn	9260	9260	9260	65Si7	1. 0906	SUP7	60C2	250A58	61S7
72	60Si2CrA	9254	---	9254	67SiCr5	1. 7103	---	60C2XA	---	---
73	50CrMn	---	---	---	55Cr3	1. 7176	SUP9	50X Γ	527A60	---
74	50CrVA	6150	6150	6150	50CrV4	1. 8159	SUP10	50XΦA	735A50	50CV4
75	GCr6	E50100	---	5010 0	105Cr2	1. 3501	---	ШХ6	---	100C3
76	GCr9	E51100	51100	5110 0	105Cr4	1. 3503	SUJ1	ШХ9	534A99	100C5
77	GCr15	E52100	52100	5210 0	100Cr6	1. 3505	SUJ2	ШХ15	534A99	100C6
78	GCr9SiMn	A485-G r. 1	---	---	---	---	SUJ3	---	---	---
79	GCr15SiMn	---	---	---	100CrMn6	1. 352	---	ШХ15C Γ	---	---
80	W18Cr4V	T1	T1		S18-0-	1. 3355	SKH2	P18	BT1	4201
81	W12Cr4V4Mo	---	---	---	S12-4	1. 3302	---	P14 Φ 4	---	---