

# 美国-德国-日本-俄罗斯-法国-中国 材料对照表

## Corresponding Materials Table

ASTM	DIN	JIS	GOST	BS	NF	GB
1006	C10	S09CK	08K11	040A04		08F
1008	C10	S9CK	8	045M10		8
1010				040A10	XC10	10F
1010, 1012	C10, CK10	S10C	10	045M10	XC10	10
1015	C15, CK15	S15C	15	095M15	XC12	15
1020	C22, CK22	S20C	20	050A20	XC18	20
1025	CK25	S25C	25			25
1030		S30C	30	060A30	XC32	30
1035	C35, CK35	S35C	35	060A35	XC38TS	35
1040		S40C	40	080A40	XC38H1	40
1045	C45, CK45	S45C	45	080M46	XC45	45
1050	CK53	S50C	50	060A52	XC48TS	50
1055		S55C	55	070M55	XC55	55
1060	C60, CK60	S58C	60	080A62	XC55	60
1016, 1115	14Mn4	SB46	15 1°	080A17	XC12	15Mn
1021, 1022			20 1°	080A20	XC18	20Mn
1030, 1033		S30C	30 1°	080A32	XC32	30Mn
1036, 1040	40Mn4	S40C	40 1°	080A40	40M5	40Mn
1043, 1045		S45C	45 1°	080A47		45Mn
1050, 1052		S53C	50 1°	030A52	XC48	50Mn
13,201,321	20Mn5	SMn420	20 1° 2	150M19		20Mn2
1330	30Mn5	SMn433H	30 1° 2	150M28	32M5	30Mn2
1335	36Mn5	SMn438(H)	35 1° 2	150M36	35M5	35Mn2
1340		SMn443	40 1° 2		40M5	40Mn2
1345	46Mn7	SMn443	45 1° 2		55M5	45Mn2
			50 1° 2			50Mn2
	20MnV6					20MnV
	37MnSi5		35C 1°	En46		35SiMn
	46MnSi4		35C 1°	En46		42SiMn
TS14B35						40B
50B46H						45B
50B40						40MnB
50B44						45MnB
5115	15Cr3	SCR415(H)	15X	523M15	12C3	15Cr
5120	20Cr4	SCR420H	20X	527A19	18C3	20Cr
5130	28Cr4	SCR430	30X	530A30		30Cr
5132	34Cr4	SCR430(H)	35X	530A36	32C4	35Cr
5140	41Cr4	SCR440	40X	520M40	42C4	40Cr
5145, 5147		SCR445	45X	534A99	45C4	45Cr
			38XC			38CrSi
	13CrMo44		12XM	620C <sub>R</sub> B	12CD4	12CrMo
A-387CrB	16CrMo44	STC42	15XM	1653	12CD4	15CrMo
4119, 4118	20CrMo44	SC742	20XM	CDS12	18CD4	20CrMo
		STT42		CDS110		
4125	25CrMo4			En20A	25CD4	25CrMo
4130		SCM420	30XM	1717COS110	30CD4	30CrMo
4140	42CrMo4			708A42	42CD4	42CrMo
				708M40		
4135	34CrMo4	SCM3	35XM	708A37	35CD4	35CrMo
			12XMΦ			12CrMoV
	13CrMoV42		12X1MΦ			12Cr1MoV
			25X2M1ΦA			25Cr2Mo1VA
6120	22CrV4		20XΦ			20CrV
6140	42CrV6		40XΦA			40CrV
6150	50CrV4	SUP10	50XΦA	735A30	50CV4	50CrVA
			15X 1°, 18X 1°			15CrMn
5152		SUP9	20X 1° CA	527A60		20CrMn
			30X 1° CA			30CrMnSiA
3140H	40NiCr6	SNC236	40XH	640M40		40CrNi
3316	20NiCr14		20XH3A		20NC11	20CrNi3A
3325	28NiCr10	SNC631H	30XH3A	653M31		30CrNi3A
3330		SNC631				
80B20						20MnMoB
	41CrAlMo07	SACM645	38XMI0A	905M39	40CAD6.12	38CrMoAlA
4340	40NiCrMo22	SNCM439	40XHMA	871M40		40CrNiMoA
1060	C60	S58C	60	080A62	XC55	60
C1085		SUP3	85	080A86		85
1566			65 1°			65Mn
9255	55Si7	SUP6	55C2 1°	250A53	5556	55Si2Mn
9260	65Si7	SUP7	60C2 1° A	250A61	6157	60Si2MnA
6150	50CrV4	SUP10	50XΦA	735A50	50CV4	50CrVA
E51100	105Cr4	SUJ1	11X9		100C5	GrCr9
		SUJ3				GrCr9SiMn

ASTM	DIN	JIS	GOST	BS	NF	GB
E52100	100Cr6	SUJ2	11X15	534A99	100C6	GrCr15
52100						
	100CrMn6		11X15C 1°			GrCr15SiMn
C1109		SUM12	A12			Y12
B1113	10S20	SUM22		220M07		Y15
C1120	22S20	SUM32	A20		20F2	Y20
C1130	35S20	SUM42	A30			Y30
C1144	40S20		A40 1°	225M36	45MF2	Y40Mn
	X120Mn12	SCMnH11	116 1° 13C0		Z120M12	Z6Mn13
W1-7	C70W1	SK7, SK6	y7			T7
		SK6, SK5	y8			T8
W1-0.8C	C80W1		y8A		1104Y,75	T8A
		SK5	y8 1°			T8Mn
W1-1.0C		SK3	y10	D1		T10
W1-1.2C	C125W	SK2	y12	D1	Y2 120	T12
W1-1.2C	C125W2		y12A		XC 120	T12A
	C135W	SK1	y13		Y2 140	T13
	C75W3					8MnSi
	90CrSi5		9XC	BH21		9SiCr
L3	100Cr6		X			Cr2
W5	140Cr3	SKS8	13X			Cr06
L	100Cr6		9X			9Cr2
F1	120W4	SK21	B1	BF1		W
D3	X210Cr12	SKD1	X12	BD3	Z200C12	Cr12
D2	X165CrMoV46	SKD11	X12M	BD2	Z200C12	Cr12MoV
2	90MnV8		9 1° 2Φ		80M80	9Mn2V
1		SKS3	9XB 1°		80M8	9CrWMn
7	105WC6	SKS31	XB 1°		105WC13	CrWMn
H21	X30WCrV93	SKD5	3X2B8Φ	BH21	X30WC9V	3Cr2WBV
		40CrMnMo7	SKT5	5X 1° M		5CrMnMo
L6	55NiCrMoV6	SKT4	5XHM		55NCDV7	5CrNiMo
H11	X38CrMoV51	SKD61	4X5MΦC	BH11	Z38CDV5	4Cr5MoSiV
	35WCrv7	SKS41	4XB2C		40WCDS35-12	4CrW2Si
S1	45WCrv7		5XB2C	BS1		5CrW2Si
T1	S18-0-1	SKH2	P18	BT1	Z80WCV	W18Cr4V
N2	S6-5-2	SKH9	P6M3	BM2	Z85WDCV	W6Mo5Cr4V2
					06-05-04-02	
T4	S18-1-2-5	SKH3	P18K5Φ2	BT4	Z80WKCv	W18Cr4VC05
					18-05-04-01	
M42	S2-10-1-8			BM42	Z110DKWV	W2Mo9Cr4VC08
					09-08-04-02-01	
302	X12CrNi188	SUS302	12X18H9	302S25	Z10CN18.09	1Cr18Ni9
S30200						
303	X12CrNiS188	SUS303		303S21	Z10CNF18.09	Y1Cr18Ni9
304	X5CrNi189	SUS304	08X18H10	304S15	Z6CN18.09	0Cr19Ni9
S30400						
304L	X2CrNi189	SUS304L	03X18H11	304S12	Z2CN18.09	00Cr19Ni11
321	X10CrNiTi189	SUS321	08X18H10T	321S12	Z6CNT18.10	0Cr18Ni11Ti
S32100				321S20		
405	X7CrAl13	SUS405		405S17	Z6CA13	0Cr13Al
S40500						
430	X8Cr17	SUS430	12X17	430S15	Z8C17	1Cr17
410	X10Cr13	SUS410	12X13	410S21	Z12C13	1Cr13
S41000						
420	X20Cr13	SUS4201	20X13	420S37	Z20C13	2Cr13
S42000						
		SUS420J2	30X13	420S45		3Cr13
440A		SUS440A				7Cr17
631	X7CrNiAl177	SUS631	09X17H7 1°		Z8CNA17.7	0Cr17Ni7Al
S17700						
309		SUH309	20X23H12	309S24	Z15CN24.13	2Cr23Ni13
S30900						
310	CrNi2520	SUH310	20X25H20C2	310S24	Z12CN25.20	2Cr25Ni21
S31000						
310S		SUS310S				0Cr25Ni20
S31008						
316	X5CrNiMo1810	SUS316	08X17H13M2T	316S16	Z6CND17.12	0Cr17Ni12Mo2
347	X10CrNiNb189	SUS347	08X18H12E	347S17	Z6CNNb18.10	0Cr18Ni11Nb
S34700						
		SUS410J1				1Cr13Mo
431	X22CrNi17	SUS431	14X17H2	431S29	Z15CN16-02	1Cr17Ni2
S43100						
631	X7CrNiAl177	SUS631	09X17H7 1°		Z8CNA17.7	0Cr17Ni7Al