



Steel equivalent grades table of China and other main countries

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DC01 (1.0330)	8	SAE1008SAE1010	FeP01	SPCC	C	CR4	FeP01	FeP01	AP00	1142			St02F	08kp	Cr01		
	08F		St12		F12	FeP01										CR22	
					FeP01												
X2CrNiMo17-12-2 (1.4404)	00Cr17Ni14Mo2	316L	X2CrNiMo17-13-2	SUS316	Z2CND17-12	316S11		X2CrNiMo17-12		2348	00H17N13M2		X2CrNiMo17-13-2KKW				
	0Cr18Ni12Mo2Ti			SUS316L	Z3CND17-11-02			X2CrNiMo17-17-12			00H17N14M2						
					Z3CND18-12-02												
S185 (1.0035)	Q195	A283A	S185	SS330	A33	15HR	Fe310-0	Fe320	A310-0	1300-00		Fe33	St00H		St0		
		A283B	St33			15HS							St320		St1ps		
		Gr.A				S185									St1sp		
DC01 (1.0330)	8	SAE1008	FeP01	SPCC	C	CR4	FeP01	FeP01	AP00	1142			St02F		08kp	Cr01	
	08F	SAE1010	St12		F12	FeP01									08ps	CR22	
					FeP01												
S355J0WP (1.8945)	09CuPCrNi-A	Gr.1	9CrNiCuP324	SPA-H	E36WA3	WR50A	Fe510C1KI	Fe510C1K1			10H					Fe355W-1A	
							WR50B		S355J0WP								
							WR50C										
S355J0WP (1.8945)	09CuPCrNi-A	Gr.1	9CrNiCuP324	SPA-H	E36WA3	WR50A	Fe510C1KI	Fe510C1K1			10H					Fe355W-1A	
							WR50B		S355J0WP								
							WR50C										
X5CrNiMo17-12-2 (1.4401)	0Cr17Ni12Mo2	316	X5CrNiMo17-12-2	SUS316	Z6CND17-11	316S31		X5CrNiMo17-12		2347			X5CrNiMo17-12-2KW		08KH16N11M3		
						Z7CND17-11-02											
						Z7CND17-12-02											
X6CrNiTi18-10 (1.4541)	0Cr18Ni10Ti	321	X10CrNiTi18-9	SUS321	Z6CNT18-10	321S31		X6CrNiTi18-11		2337	0H18N10T	731	X6CrNiTi18-10S		08KH18N10T		
	1Cr18Ni11Ti			X6CrNiTi18-10								1H18N9T				08KH18N12T	
	H0Cr20Ni10Ti															12KH18N10T	
X2CrNiMo17-12-2 (1.4404)	00Cr17Ni14Mo2	316L	X2CrNiMo17-13-2	SUS316	Z2CND17-12	316S11		X2CrNiMo17-12		2348	00H17N13M2	750	X2CrNiMo17-13-2KKW			Type19	
	0Cr18Ni12Mo2Ti			SUS316L	Z3CND17-11-02			X2CrNiMo17-17-12			00H17N14M2						
					Z3CND18-12-02												
	0Cr18Ni9	304	1.4301	SUS304	X5CrNi18-10	304S15		X5CrNi18-10		2333	0H18N9	725	X5CrNi18-10S		08KH18N10		



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			Ck30													
30CrNiMo8 (1.6580)	30Cr2Ni2Mo		30CrNiMo8	SNCM431	30CND8	823M30							3KH3M3F			31CrNiMo8
25CrMo4 (1.7218)	30CrMo	SAE4130	25CrMo4	SCM420	25CD4	708A25		25CrMo4		2225		25CrMo4			20KHM	25CrMo4
				SCM430		708M25									30KHM	
							CFS10								30KHMA	
28Mn6 (1.1170)	30Mn2	1527	28Mn6	SCMn2	35Mn5	120M36		C28Mn			30G2				30G	28Mn6
		Gr.1330				150H19									30G2	
							150M19									
							150M28									
34CrNiMo6 (1.6582)	34CrNi3Mo	4340	34CrNiMo6	SNCM447	35NCD6	817M40		35CrNiMo6		2541	34HNM				36KH2N2 MFA	36CrNiMo6
	34CrNiMo		GS-34CrNiMo6V					35NiCrMo6KB							38KH2N2 MA	
	ZG34CrNiMo														40KH2N2 MA	
34CrNiMo6 (1.6582)	34CrNi3Mo	4340	34CrNiMo6	SNCM447	35NCD6	817M40		35CrNiMo6		2541	34HNM				36KH2N2 MFA	36CrNiMo6
	34CrNiMo		GS-34CrNiMo6V					35NiCrMo6KB							38KH2N2 MA	
	ZG34CrNiMo														40KH2N2 MA	
C35 (1.0501)	35	1035	1.0501	S35C	AF55C35	070M36		1C35	C35k	1550	35		C35		35	C35
			Gr.1035	C35		C35	40HS		C35						40	C35E4
									C35C							
C35E (1.1181)	35	1035	Ck35	S35C	XC38	080M36		C35	C35k	1572		C35			35	C35E4
					XC38H1	CFS6			F1130							
37Cr4 (1.7034)	35Cr	Gr.5135	37Cr4	SCr435H	37Cr4	530A36		38Cr4	38Cr4	2245	40H		41Cr4SP		38KHA	37Cr4
						38C4	530M36			F1201					40KH	
34CrMo4 (1.7220)	35CrMo	4135	34CrMo4	SCM435H	34CD4	708A30		35CrMo4		2234		25CrMo4			35KHM	34CrMo4



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34CrMo4 (1.7229)	ZG35CrMo				35CD4	708M32									35KHML	
X30Cr13 (1.4028)	3Cr13	420	X30Cr13	SUS420J2	Z30Cr13	420S45		X30Cr13		2304	3H13				30KH13	
					Z33C13					Mar-04	3H14					
X30WCrV9-3 (1.2581)	3Cr2W8V	H21	X30WCrV9-3	SKD5	Z30WCV9	BH21		X30WCrV9-3KU			WWW		W100		3KH2V8F	X30WCrV9-3
C40 (1.0511)	40	1038	1.0511	S40C	AF60C40	070M40		C40			40				40	C40
		1040	C40		AF60C45	080M40										C40E4
			Ck40		XC42HI	En8										
42CrMo4 (1.7225)	42CrMo	4140	42CrMo4	SCM440H	42CD4	708M40		42CrMo4	40CrMo4	2244		42CrMo4			35KHM	42CrMo4
		4142				CFS11			F1252						38KHM	
C45 (1.0503)	45	1042	C45	S45C	AF65C45	070M46		1C45	C45k	1650	45		C45SW		45	C45
		1045			C45	50HS		C45								
		Gr.1043														
C45E (1.1191)	45	1045	Ck45	S45C	XC45	080M46		C45	C45k	1672		C45			45	C45E4
	45H				XC48H1	CFS8			F1140							
X39Cr13 (1.4031)	4C13	Type420	X39Cr13		Z40C13	X39Cr13		X40Cr14			4H13				40KH13	
X37CrMoV5-1 (1.2343)	4Cr5MoSiV	H11	X38CrMoV5-1	SKD6	Z38CDV5	BH11		X37CrMoV5-1KU			WCL		W300		4KH5MFS	X37CrMoV5-1
X45CrSi9-3 (1.4718)	4Cr9Si2														40KH9S2	
	4Cr9Si8															
C50 (1.0540)	50	1049	C50	S50C	XC48H1	070M50		1C50		1674					50	C50
		1050	Ck50			080M50		C50								C50E4
50CrMo4 (1.7228)	50CrMo		50CrMo4			708M40										50CrMo4
						708M50										
51CrV4 (1.8159)	50CrVA	6150	50CrV4	SUP10	50CrV4	735A50		50CrV4	51CrV4	2230	50HF				50KHGFA	51CrV4
						50CV4			F1430							
						51CrV4										
C55 (1.0535)	55	1055	C55	S55C	AF70C55	070M55		1C55	C55k	1655	55				50	C55
					C54	50		C55							55	C55E4
						En9										
X53CrMnNi21-9 (1.4871)	5Cr21Mn9Ni4N	EV12	X53CrMnNi21-9	SUH35	Z52CMN21-09	349S54		X53CrMnNi21-9			50H21G9N4			55KH20G9AN4	Type9	
55NiCrMoV7 (1.2714)	5CrNiMo	L6	55NiCrMoV6	SKT4	55NCDV7	BH224-5		44NiCrMoV7-KU			WNL		W501		5KHNM	55NiCrMoV7
			56NiCrMoV7					56NiCrMoV7-KU			WNLV		W502		5KHNV	



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C60 (1.0601)	60	1060	C60	S58C		070M60		1C60							60	C60	
								C60							60G		
C60E (1.1221)	60		Ck60	S58C	XC60	070M60		C60	C55k						60	C60E4	
						CS60									60G		
60WCrV8 (1.2550)		S1	60WCrV7		55WC20	BS1		55WCrV8KU	6CrW2Si		NZ3		K455		5KHV2S	60WCrV8	
C70D (1.0615)	70												1070		70		
C76D (1.0614)	75	1075													75		
C86D (1.0616)	85	1085													85		
	A3	Gr.C	1.0028	SS330	A34-2	CEW2BK	Fe360BFU	Fe330	AE235B-FU	1312	St3SX		St34RG	NS12-122	16D	Fe360B	
	Q235		1.0036	STKM12A	S235JRG1	Fe360B		Fe360BFU					St37F		18kp		
			St34-2										USt360B		St3kp		
			USt37-2														
X210Cr12 (1.2080)	Cr12		X210Cr12	SKD1	Z200C12	BD3		X205Cr12KU					NC11		K100	KH12	X210Cr12
102Cr6 (1.2067)	Cr2	52100	100Cr6	SUJ2	100Cr6	534A99		100Cr6		2258	LH15					KH	
	GCr15				100Cr6RR	535A99										ShKh15	
X100CrMoV5 (1.2363)	Cr5Mo1V	A2	X100CrMoV5-1	SKD12	Z100CDV5	BA2		X100CrMoV5-1KU		2260	NCLV			K305		9KH5VF	X100CrMoV5
102Cr6 (1.2067)	Cr2	52100	100Cr6	SUJ2	100Cr6	534A99		100Cr6		2258	LH15					KH	
	GCr15				100Cr6RR	535A99										ShKh15	
X6CrNiTi18-10 (1.4541)	0Cr18Ni10Ti	321	X10CrNiTi18-9	SUS321	Z6CNT18-10	321S31		X6CrNiTi18-11		2337	0H18N10T	731	X6CrNiTi18-10S			08KH18N10T	
	1Cr18Ni11Ti		X6CrNiTi18-10								1H18N9T					08KH18N12T	
	H0Cr20Ni10Ti															12KH18N10T	
X17CrNi16-2 (1.4057)	1Cr17Ni2	431	X17CrNi16-2													14KH17N2	
	ML1Cr17Ni2															20KH17N2	
X10CrAlSi13 (1.4724)	OCr13Al					Z13C13										10KH13SYU	



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S185 (1.0035)	Q195	A283A	S185	SS330	A33	15HR	Fe310-0	Fe320	A310-0	1300-00		Fe33	St00H		St0	Fe310
		A283B	St33			15HS							St320		St1ps	
		Gr.A				S185									St1sp	
E195 (1.0034)	Q215		RSt34-2		ES185	CEW2									St2ps	
					TS-30a	ERW2									St2sp	
S275JR (1.0044)	Q225A	A283D	RSt42-2	SS400	E28-2	161-430	Fe430B	Fe430B	AE255B	1411	St4V	Fe44B	St42F	NS12142	St4ps	E275B
	Q275Z	A529	St44-2			43A				1412			St430B		St4sp	
		Gr.D				43B										
	A3	Gr.C	1.0028	SS330	A34-2	CEW2BK	Fe360BFU	Fe330	AE235B-FU	1312	St3SX		St34RG	NS12-122	16D	Fe360B
	Q235		1.0036	STKM12A	S235JRG1	Fe360B		Fe360BFU					St37F		18kp	
			St34-2										USt360B		St3kp	
			USt37-2													
S235JR (1.0038(dubl))	Q235A	1015	RSt37-2	SM400A	E24-2	40A	Fe360B	Fe360B	AE235B-FN	1311			RSt360B	NS12123	St2ps	E235B
	Q235B	A283C	St37-2	SS400		40B	Fe360BFN			1312					St2sp	Fe360B
	Q235D	GradeC					S235JRG2								St3ps	
		GradeD													St3sp	
	SSGrade33															
S235JR (1.0038(dubl))	Q235A	1015	RSt37-2	SM400A	E24-2	40A	Fe360B	Fe360B	AE235B-FN	1311			RSt360B	NS12123	St2ps	E235B
	Q235B	A283C	St37-2	SS400		40B	Fe360BFN			1312					St2sp	Fe360B
	Q235D	GradeC					S235JRG2								St3ps	
		GradeD													St3sp	
	SSGrade33															
S235J0 (1.0114)	Q235C	A284C	St37-3U	SM400B	E24-3	40C	Fe360C	Fe360C	AE235C	1312			St360C	NS12124	St3ps	E235C
		A284D													St3sp	
S235JRG2 (1.0038)	Q235C	Gr.36	RSt37-2	SS330	E24-2NE	40B	Fe360BFN	S235JRG2	AE235B-FN	1312-00	St3S	Fe37B	RSt360B		St3ps	Fe360B
			S235JRG2												St3sp	
S235JR (1.0038(dubl))	Q235A	1015	RSt37-2	SM400A	E24-2	40A	Fe360B	Fe360B	AE235B-FN	1311			RSt360B	NS12123	St2ps	E235B
	Q235B	A283C	St37-2	SS400		40B	Fe360BFN			1312					St2sp	Fe360B
	Q235D	GradeC					S235JRG2								St3ps	
		GradeD													St3sp	
	SSGrade33															
S275J2(+N) (1.0144)	Q255	A572	St44-3N		E28-4	43D	Fe430D1	Fe430D	AE275D	1414-00		Fe44D	St430D	NS12-143	St4kp	Fe430D
		A633Gr.A					S275J2G3								St4ps	
E295 (1.0050)	Q275		St50-2	SS500	A50-2		Fe490-2	Fe480	A490	1550-00		Fe50	St490		S285	
	Q275Z				A60-2			Fe490	A490-2	1550-01					St5ps	
															St5sp	

