

项目	中国	德国	日本	
	GB,YB	DIN (W-Nr)	JIS	ASTM
不锈耐酸钢	0Cr13	X7Cr13 (14000)	SUS405	
			SUS429	
			SUS416	
	1Cr17	X8Cr17 (1.4016)	SUS430	
		X12CrMoS17(1.4104)	SUS430F	
		X6CrMo17	SUS434	
	1Cr28	X8Cr28(1.4083)		
	0Cr17li			
	1Cr17li	X8CrTi17(1.4510)		
	1Cr25Ti			
不锈耐酸钢	1Cr17Mo2Ti	X8CrMoTi17(1.4523)		
	1Cr13	X10Cr13(1.4006)	SUS410	
		X15Cr13(1.4024)	SUS403	
		X7Cr13(1.4000)	SUS410S	410S
	2Cr13	X20Cr13(1.4021)	SUS420J1	
			SUS420F	
	3Cr13		SUS420J2	
	4Cr13	X40Cr13(1.4034)		
	1Cr17Ni2	X22CrNi17(1.4057)	SUS431	
	9Cr18			
不锈耐酸钢	9Cr18MoV	X90CrMoV18(1.4112)		
			SUS440A	
			SUS440B	
			SUS440C	
			SUS440F	440F
		X5CrNi19(1.4303)	SUS305	
	00Cr18Ni10	X2CrNi189(1.4303)	SUS304L	
	0Cr18Ni9	X5CrNi189(1.4303)	SUS304	
	1Cr18Ni9	X12CrNi188(1.4300)	SUS302	
	2Cr18Ni9	X12CrNiS188(1.4305)	SUS303	
		SUS303Se		
不锈耐酸钢			SUS201	
			SUS202	
			SUS301	
	0Cr18Ni9Ti	X10CrNiTi189(1.4541)	SUS321	
	1Cr18Ni9Ti	X10CrNiTi189(1.4541)		
	1Cr18Ni11Nb	X10CrNiNb189(1.4550)	SUS347	
			SUS384	
			SUS385	
			SUSXM7	XM7

不锈耐酸钢			SUSXM15J1	XM15
	2Cr13Mn9Ni4			
	1Cr18Mn8Ni5N			
	0Cr18Ni12Mo2Ti	X10CrNiMoTi1810		
	1Cr18Ni12Mo2Ti	X10CrNiMoTi1810		
	i	(1.4571)	SUS308	
			SUS309S	
			SUS310S	
	00Cr17Ni14Mo3	X2CrNiMo1810(1.4438)	SUS317L	
	0Cr18Ni12Mo3Ti			
	1Cr18Ni12Mo3Ti			
	i		SUS317	
		X2CrNiMo1810(1.4435)	SUS316L	
	00Cr18Ni14Mo2	X2CrNiMo1812(1.4435)	SUS316JIL	
	0Cr18Ni28Mo2Cu2Ti	X5CrNiMoCuTi1810(1.4507)		
0Cr17Ni7Al	X7CrNiAl1007(1.4568)	SUS631	631	
		SUS630	630	
合金结构钢 锰钢组	09Mn2			
	10Mn2			1513
	15Mn2			
	20Mn2		SMn420(SMn21)	1024
	30Mn2	28Mn6(1.5065)	SMn433(SMn1)	1330
		30Mn5(1.5066)		
	35Mn2	36Mn5(1.5607)	SMn438(SMn2)	1335
	40Mn2		SMn443(SMn3)	1340
	45Mn2		SMn443(SMn3)	1345
	50Mn2			1052
硅锰钢组	27SiMn			
	35SiMn	37MnSi5(1.5122)		
	42SiMn	46MnSi4(1.5121)		
	15MnV	15MnV5(1.5213)		
锰钒钢组	42Mn2V	42MnVT(1.5223)		
铬钢组	15Cr		SCr415(SCr21)	5115
	20Cr		SCr240(SCr22)	5120
	30Cr		SCr430(SCr2)	5130
				5132
	35Cr	34Cr4(1.7033)	SCr435(SCr3)	5135
		37Cr4(1.7034)		
	40Cr	41Cr4 (1.7035)	SCr440 (SCr4)	5140
45Cr		SCr45(SCr5)	5147	

	45Cr		SCr45(SCr5)	5145
	50Cr			5150
铬硅钢组	38CrSi			
	40CrSi			
铬锰钢组	38CrMn			
	15CrMn	20MnCr4(1.7147)		
	40CrMn			
铬锰硅钢组	20CrMnSi			
	25CrMnSi			
	30CrMnSi			
	35CrMnSi			
铬钒钢组	2CrV	22CrV4(1.7513)		
	40CrV	42CrV6(1.7561)		
	50CrV	50CRV4(1.8159)	SUF10	6150
铬锰钛钢组	30CrMnTi			
钼钢组	12CrMo	13CrMo44(1.7335)		
	15CrMo	16CrMo44(1.7337)	SCM415(SCM21)	A387Cr12
	20CrMo	25CrMo4(1.7218)	SCM420(SCM22)	
	30CrMo	34Cr4(1.7220)	SCM430(SCM2)	4130
	35CrMo	34CrMo4(1.7220)	SCM435(SCM3)	4135
	42CrMo	42CrMo4(1.7225)	SCM440(SCM4)	4140
			SCM421(SCM23)	
			SCM418	4118
		50CrMo4(1.7228)	SCM445(SCM5)	4145
		25CrMo4(1.7218)	SCM822(SCM24)	
	38CrMoAl	34CrAlMo5(1.8507)	SACM645(SACM1)	
铬锰钼钢组	15CrMnMo	15CrMo5(1.7262)		
	20CrMnMo	20CrMo5(1.7264)		
	40CrMnMo			4140
铬锰钒钢组	12CrMoV	24CrMoV55(1.7733)		
	12Cr1MoV			
	24CrMoV			
	35CrMoV			
镍铬钢组	12CrNi2		SNC415(SNC21)	
	12CrNi3A	14NiCr10(1.5732)	SNC815(SNC22)	
	12Cr2Ni4A			
	20CrNi			
	20CrNi3A			

	20Cr2Ni4A			
	30CrNi3A		SNC631(SNC2)	
	37CrNi3A		SNC8369(SNC3)	
	40CrNi		SNC236(SNC1)	
	45CrNi			
镍铬钼钢组	40CrNiMoA		SNCM439(SNCM8)	4340
			SNCM220(SNCM2 1)	8620
			SNCM240(SNCM6)	8640
			SNCM415(SNCM2)	
			SNCM220(SNCM2)	4320
镍铬钢组			SNCM431(SNCM1)	
			SNCM447(SNCM9)	
			SNCM025(SNCM2)	
			SNCM815(SNCM2 5)	
硼钢组	40B			
	40B			
	40MnB			
	40MnB			
碳素结构钢	Q195		SS330(SS34) SPHC SPHD	Gr.B
	Q215A	Fe360C	SS330(SS34)	Gr.C
	Q215B		SS330(SS34)	Gr.C
	Q235A	Fe360B(Fe360C) st 37 k	SS400(SS41)	Gr.D
	Q335A	(1.0120)		
	Q235B	Fe360B(Fe360C)	SS400(SS41)	Gr.D
	Q235C	Fe360C	SS400A(SS41A)	Gr.D
	Q235D	Fe360D1	SS400A	
	Q255A	(Fe360D2)	SS400A (SS41A)	
	Q255B		SS400(SS41)	
	Q275		SS490(SS50)	
碳素工具钢	T7		SK7(SK6)	W1-7
	T8		SK6(SK5)	W1-7/2
	T8Mn		SK5	W2-81/2(W1- 91/2)
	T9		SK4(SK5)	W2-91/2(W1- 101/2)
	T10		SK3(SK4)	W1-101/2
	T11		SK3	W1-101/2
	T12		SK2	WQ-111/2 W2-13(W1- 121/2)
	T13		SK1	
	T7A			
	T8A	C80W1(1.1525)		
	T8MnA	C85WS(1.1830)		

	T9A				
	T10A	C105W1(1.1545)			
	T11A				
	T12A				
	T13A				
优质碳素结构钢 普通含锰量钢组	05F			1005	
	08F			1006	
	8	C10(1.0301)	S09CK(S9CK)		1008
		CK10(1.1121)			
	10F				1010
10	CK10(1.1121)	S10C		1010	
优质碳素结构钢 普通含锰量钢组	Y15	9S20K(1.0711)	S12C	1012	
	15F				
	15	C15(1.0401)	S15C(S15CK)		1015
		CK15(1.1141)			
Cm15(1.1140)					
		S17C		1017	
优质碳素结构钢 普通含锰量钢组	20F				
	20		S20C(S20CK)	1020	
		C22(1.0402)	S22C		1023
		CK22(1.1151)			
	25		S25C		1025(1026)
			S28C		1029
	30		S30C		1030
			S33C		1035
	优质碳素结构钢 普通含锰量钢组	35	C35(1.0501)	S35C	1035
CK35(1.1181)			1037		
Cm35(1.1180)					
		S38C		1038	
40		S40C		1040(1039)	
		S43C		1042(1043)	
45	C45(1.0503)	S45C		1045	
	CK45(1.1191)			1046	

	45		S45C		
		Cm45(1.1201)			
			S48C	1045(1046)	
				1049	
	50	C 45 K (1.0531)		1050(1053)	
			S53C	1055	
优质碳素结构钢 普通含锰量钢组	55	C55(1.0535)	S55C	1055	
		CK55(1.1181)			
		Cm55(1.1209)			
	60	C60(1.0601)	S58C	1060	
		CK60(1.1221)			
		Cm60(1.1223)			
	65			1065	
	70			1070	
	75			1074	
	80			1080	
85			1084		
高速工具钢	W18Cr4V	S18-0-1(1.3355)	SKH2	T1	
		S18-1-2-5(1.3255)	SKH3	T4	
			SKH4A	T5	
			SKH4B	T6	
		S12-1-4-5(1.3202)	SKH10		
		S6-5-2(1.3343)	SKH9	M2	
			SKH52	M3-1	
		S6-5-3(1.3344)	SKH53	M3-2	
			SKH54		
		S6-5-2-5(1.3243)	SKH55		
			SKH56	M36	
		S10-4-3-10(1.3207)	SKH57		
		W12Cr4V4Mo S12-4(1.3302)			
	合金工具钢	9SiCr	90CrSi5(1.2108)		
		8MnSi	C75W3(1.1750)		
CrMn		145Cr5(1.2063)			
(1) 量具刃具用钢组			SKS51	L6	
	CrW5		SKS1		
			SKS11	F2	
			SKS7	O7	

			SKS7	O7	
	CrO6	140Cr3(1.2008)	SKS8		
	Cr2	100Cr6(1.2067)		L3	
		105Cr5(1.2060)			
	9Cr2	85Cr7(1.2064)			
			SKS2		
	V		SKS43	W2-91/2	
				W1-91/2	
	W		SKS21	F1	
(2) 耐冲击工具用钢组	4CrW2Si	35WCrV7(1.2541)	SKS41	S1	
		45WCrV7(1.2542)			
	5CrW2Si	45WCrV7(1.2542)			
		80WCrV8(1.2552)	SKS42		
	6CrW2Si				
			SKS44	W2-81/2	
(3) 冷作模具钢组	Cr12	X210Cr12(1.2080)	SKD1	D3	
	Cr12MoV	X165CrMoV12(1.2601)	SKD11	D2	
	Cr6WV				
			SKD12	A2	
	9Mn2			O2	
	9Mn2V	90MnV8(1.2842)		O2	
	MnCrWV			O1	
	CrWMn	105WCr6(1.2419)	SKS31		
	9CrWMo		SKS3		
		X210CrW12(1.2433)	SKD2	D7	
	(4) 热作模具钢组	5CrMnMo	40CrMnMo7(1.2318)	SKT3	6G(ASM)
			48CrMnMo67(1.2323)	SKT5	6G(ASM)
				SKT2	6150
	SCrNiMo	55NiCrMoV6(1.2713)	SKT4	6F2(ASM)	
	3Cr2W8V	X30WCrV53(1.2567)	SKD5	H21	
	4SiCrV	38SiCrV8(1.2248)			
		45SiCrV6(1.2249)			
	8Cr3				
	4Cr5MoVSi	X38CrMoV51(1.2343)	SKD6	H11	
			SKD4		

		X40CrMoV51(1.2344)	SKD61	H13
			SKD62	H12
耐热钢	1Cr13Si3	X10CrSi13(1.4724)		
	1Cr18Si2	X10CrSi18(1.4744)		
	1Cr13SiAl	X10CrAl13(1.4724)		
	1Cr13	X10Cr13(1.4006) X15Cr13(1.4024)	SUS410 SUS403	
	2Cr13			
耐热钢	1Cr5Mo	12CrMo195(1.7362)		
	1Cr11MoV			
耐热钢	4Cr9Si2	X45CrSi9(1.4718)	SUH1	
	4Cr10Si2Mo		SUH3	
	1Cr18Ni9Ti	X10CrNiTi189(1.4541)		
	1Cr18Ni12Ti			
耐热钢	1Cr23Ni13		SUH309	
	1Cr20Ni14Si2	X15CrNiSi2012(1.4882)		
	1Cr25Ni20Si2	X15CrNiSi2520(1.4841)	SUH310	
	4Cr14Ni14W2Mo			
			SUH31	
	1Cr15Ni36W3Ti			
耐热钢			SUH35	
			SUH36	
			SUH37	
			SUH330	
			SUH660	
			SUH661	
		CrA1205(1.4767)	SUH21	
			SUH409	
			SUH446	
			SUH4	
			SUH11	
			SUH600	
			SUH616	616
	淬透性合金结构钢			SMn433H(SMn1H)
15CrMn		16MnCr5(1.7131)		
			SMn438H(SMn2H)	1041H
			SMn443H(SMn3H)	1041H
			SCr420H(SCr22H)	5120H
			SCr430H(SCr2H)	5130H
			SCr435H(SCr3H)	5135H
			SCr440H(SCr4H)	5140H

			SCM418H	4118H
			SCM435H(SCM3H)	4135H
			SCM440H(SCM4H)	4140H
			SCM445H(SCM5H)	4145H
			SNC631H(SNC2H)	
			SNC815H(SNC22)	
			SNCM220H(SNCM)	8620H
			SNCM240H(SNCM)	4320H
			23H)	
弹簧钢	65	C67(1.0761)		1064
		CK67(1.1231)		1065
	70	C67(1.0761)		1070
		CK67(1.1231)		
	75	C75(1.0773)		1074
	85		SUP3	1084
	65Mn			1566
	55Si2Mn	55Si7(1.0904)	SUP6	9255
	60Si2Mn	65Si7(1.0906)	SUP7	9260
		66Si7(1.5028)		
		60SiCr7(1.0961)		
	60Si2CrA	67SiCr5(1.7103)		9254
	50CrMn	55Cr3(1.7176)	SUP9	
50CrVA	50CrV4(1.8159)	SUP10	6150	
高速工具钢	W18Cr4V	S18-0-1(1.3355)	SKH2	T1
		S18-1-2-5(1.3255)	SKH3	T4
			SKH4A	T5
			SKH4B	T6
		S12-1-4-5(1.3202)	SKH10	
		S6-5-2(1.3343)	SKH9	M2
			SKH52	M3-1
		S6-5-3(1.3344)	SKH53	M3-2
			SKH54	

SKH54

	S6-5-2-5 (1.3243)	SKH55	
			M36
	S10-4-3-10 (1.3207)	SKH57	
	W12Cr4V4Mo S12-4 (1.3302)		
滚动轴承钢	GCr6	105Cr2(1.3501)	E50100
	GCr9	105Cr4(1.3503)	SUJ1
	GCr15	100Cr6(1.3505)	SUJ2
	GCr9SiMn		SUJ3
	GCr15SiMn	100CrMn6(1.3520)	A485-Cr.1

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