

材料对照表

材料名称 Material	中国GB	日本JIS	德国DIN	美国ASTM,UNS	俄罗斯GOST
焊接结构钢Welded Structures Steel	Q235A	SS400	RSt37-2	A283GRC,A306GR55	CT3C л
	Q235B	SS400	USt37-2	A284GRB	CT3K л
	Q235C	SS400	St37-3	A283GRC,A306GR55	6CT3C л
碳素结构钢Carbon Structures Steel	Q235D	SS400	Ust37-2	A284GRB	6CT3K л
	20	S20C	C22,CK22	1020,G10200	20
低合金高强度Low Alloy High Strength Steel	45	S45C	C45,CK45	1045,G10450	45
	Q345A	SPFC590	E335	Gr.50	345
	Q345B	SPFC590	S335JR	Gr.50	345
	Q345C	SPFC590	S335JO	Gr.50	345
	Q345D	SPFC590	S335J2	Gr.50	345
合金结构钢 Alloy Structure Steel	Q345E	SPFC590	S335NL	Gr.50	345
	20Cr	SCr420	17Cr3	5120, G51200	20X
	20CrMo	SCM420	18CrMo4	4118, G41180	20Xm
	35CrMo	SCM435	34CrMo4	4135, G41350	35Xm
	42CrMo	SCM440	42CrMo4	4142	---
易切削钢 Free Cutting Steel	20CrNiMo	SNCM220	20NiCrMo2-2	8620, G86200	20XН2М (20XНМ)
	Y15Pb	SUM22L	11SMnPb30	12L14	AC14
弹簧钢 Spring Steel	60Si2Mn	SUP6,SUP7	61SiCr7	9260	60C2
轴承钢 Bearing Steel	GCr15	SUJ2	(B1)100Cr6	52100	ш x 15
不锈钢Stainless Steel	0Cr18Ni10	SUS304	X5CrNi18-10	304, S30400	08X18H10
	00Cr19Ni10	SUS304L	X2CrNi19-11	304L, S30403	08X18H10
	1Cr18Ni9	SUS302	X2CrNi18-9	302, S30200	12X18H9
	1Cr18Ni9Ti	SUS321	X6CrNiTi18-10	321, S32100	12X18H10T
工具钢Tool Steel	1Cr13	SUS410	X12Cr13	410, S41000	12X13
	T8	SK80	C80U	W1A-8,T72301	y8-1, y8A-1
	T10	SK105,SK95	C105W2	W1A-9 1/2, T72301	y 10-1, y10A-1
	Cr12	SKD11	X210Cr12	D3,T30403	X12
	W18Cr4V	SKH2	HS18-0-1	T1,T12001	P18
	W6Mo5Cr4V2	SKH51	HS6-5-2	M2,T11302	P6M5
	ZG200-400(ZG15)	SC410	GS-38,GS-CK16	J01700	15Д
铸钢Casting Steel	ZG230-450(ZG25)	SC450	GS-52	LC8,J03003	25Д
	ZG270-500(ZG35)	SC480	GS-60,GS-62	J04000	35Д
	ZG310-570(ZG45)	SC55	GS-70,GS-CK45	80-40,J05000	45Д
	HT150	FC15	G615	class20B	Сн 15-32
灰铸铁Gray Cast Iron	HT200	FC20	G620	class25B	Сн 18-36
	HT250	FC25	G625	class35B	Сн 24-44
	HT300	FC30	G630	class45B,50B	Сн 32-52
	QT400-18	FCD40	GG40	60-40-18,F32800	Вн 38-17
球墨铸铁Ductile Iron	QT450-10	---	---	65-45-12,F33100	Вн 42-12
	QT500-7	FCD45,50	GG45,50	80-55-06,F33800	Вн 50-7,Вн 50-2
	QT600-3	FCD60	GG60	80-55-06,F33100	Вн 60-2
	KTH330-08	FCM331-08	GTS-35-10	---	---
可锻铸铁Malleable Cast Iron	KTH350-10	FCM35-10	---	32510,F22200	---
	KTZ450-06	FCMP45-06,44-06	GTS-45-06	45006,F23131 45008,F23130	---
	KTZ550-04	FCMP55-04	GTS-55-04	60004,F24130	---
	KTZ630-04	FCM34-04	GTW-35-04	---	---
纯铜 Copper	T2	C1100	E-Cu58	C11000	М1,М1у
普通黄铜General Brass	H62	C2800	---	C28000	д 63
	H65	C2700	CuZn36	C27000	д 68
铜合金Brass	HPb62-0.8	C3710	---	C35000	Пс60-2
	HSn62-1	C4620	CuZn38Sn1	C46400	Дс62-1
	QSn6.5-0.1	C5191	CuSn6	C51900	6 p 0 ф 6.5-0.15
	QSn7-0.2	C5210	CuSn8	C52100	6 p 0 ф 7-0.2
铸造铜合金Casting Brass Alloy	ZHAID63-6-3-3	HBSCIn4	G-CuZn35Al5	C86300	---
	ZHAID62-4-4-3	HBSCIn3	---	C86200	---
	ZHAID61-2-2-1	HBCCIn2	G-CuZn35Al1	---	---
	ZHPb65-2	YBSCIn3	G-CuZn33Pb	---	---
	ZQSnD5-5-5	BCIn6	GB-CuSn5ZnPb	C83600	---
	ZQPbD10-10	LBCIn3	G-CuPb10Sn	---	---
	ZQAID9-4-4-2	A1BCIn3	GB-CuAl10Ni	C95800	---
铝及铝合金Aluminum&Aluminum Alloy	5052(5A02)	5052	5052	---	A5
	6061	6061	6061	---	A0
	6063	6063	6063	---	A0
铸造铝合金Casting Aluminum Alloy	ZLD1.01	AC4C.4	GB-AIS17Mg	356.1	А д 9
	ZLD1.02	AC3A.2	GB-AIS112	A413.1	А д 2
	ZLD1.03	AC4D.1	---	363.1	А д 3
	ZLD1.04	---	GB-AIS10Mg	360.2	А д 4