Industrial Supply Corporation

INTERNATIONAL MATERIALS STANDARDS

International Materials Standards

Materials		America	Germany			United Kingdom		China
		ASTM/AISI/SAE/ASME	DIN No.	DIN TYPE	MATERIAL NUMBER	BS NUMBER	BS GRADE	GB
								Cast Steel
Carbon Steel	A216-WCA	ASTM A216-WCA	1681	GS-38	1.042	1504-161	430	WCA
	A216-WCB	ASTM 216-WCB	17245	GS-C25	1.0619	1504-161	480	WCB
	A216-WCC							WCC
								Cast Steel
Chrome-Molybdenum Steel	A217-WC1	ASTM A217-WC1	17245	GS-22Mo4	1.5419			ZG20Mo
	A217-WC6	ASTM A217 WC6	17245	GS-17CrMo55	1.7357			15CrMo
	A217-WC9	ASTM A217 WC9	17245	GS-18CrMo810	1.7379			12Cr1Mo1V
	A217-C5	ASTM A217 C5	VDEh SPW 595	GS-12CrMo195	17363	1504	625E	1Cr5Mo
	A217-C12	ASTM A217 C12	VDEh SPW 595	G-X12CrMo101	17389	1504	629E	9Cr1Mo
								Cast Steel
Ni Alloy Steel	A494 M-35-1							
	A494 CW-6M							
	A494 CY-40							
								Cast Steel
Stainless Steel	A351-CF8	ASTM A351-CF8	17445	G-X6CrNi189	1.4308	1504-304	C15	0Cr18Ni9
	A351-CF8M	ASTM A351-CF8M	17445	G-X6CrNiMo1810	1.4408	1504-316	C16	1Cr18Ni12Mo2TI
	A351-CF3	ASTM A351-CF3	17440	G-X2CrNiN189	1.4306	970/1	304S11	00Cr18Ni10
	A351-CF3M	ASTM A351-CF3M	17440	G-X2CrNiMoN1810	1.4404	2056	316S12	00Cr17Ni14Mo2
	A351-CN7M	ASTM A351-CN7M				1504	332C11E	
								Cast Steel
Carbon Steel	A352-LCB	ASTM A352-LCB	SFW 685	GS-21Mo5	1.1138			LCB
	A352-LCC	ASTM A352-LCC	17173	GS-26CrMo4	1.7219			LCC
	A352-LC1	ASTM A352-LC1				1504	245LT50	
	A352-LC2	ASTM A352-LC2						ZG0CrMnVA1
	A352-LC3	ASTM A352-LC3	SEW 685	GS10Ni14	1.5638	1504-503	Lt60	
								Forged Steel
Carbon Steel	A105(N)	ASTM A105	17100	St50-2	1.005	1503	221-490	25
	A350-LF1	ASTM A350-LF1	SEW 680	TTSt41	1.0437			
	A350-LF2	ASTM A350-LF2	17155	19Mn5	1.0482			
	A350-LF3	ASTM A350-LF3	17173	10Ni14	1.5637	1503	503Gr.490	
	A350-LF9	ASTM A350-LF9						
								Forged Steel
Stainless Steel	A182-F304	ASTM A182-F304	17440	X5CrNi189	1.4301	1503	304S31	0Cr18Ni9
	A182-F316	ASTM A182-F316	17440	X5CrNiMo1810	1.4401	1503	316S31	0Cr17Ni12Mo2
	A182-F304L	ASTM A182-F304L	17440	X2CrNi810	1.4311			00Cr18Ni10
	A182-F316L	ASTM A182-F316L	17440	X2CrNiMo1810	1.4404	1503	316S11	00Cr17Ni14Mo2
								Component Part
Trim	A276-304	ASTM A276-304						0Cr18Ni9
	A276-316	ASTM A276-316						0Cr17Ni12Mo2
	A276-410	ASTM A276-410						1Cr13
	A276-420	ASTM 276-420						2Cr13
	A182-F6a	ASTM A182-F6a						2Cr13
								Fastening Piece
Stud	A193-B7	ASTM A193 GRAD B7	17240	40CrMoV47	1.7711	1506-630	790	35CrMoa
	A193-B7M	ASTM A193 GRAD B7M						
	A193-B8	ASTM A193 GRAD B8	17440	X5CrNi189	1.4301			0Cr18Ni9
	A193-B8A							
	A193-B8M	ASTM A193 GRAD B8M	17245	X8CrNiMoTi17 122	1.4571	1506-316	S31	0Cr17Ni12Mo2
	A320-L7	ASTM A320 GR L7	17200	42CrMo4	1.7225	4882		42CrMo
Nut	A194-2H	ASTM A194 GRAD 2H	17440	CK 35	1.1181	1506-162		45
	A194-2HM	ASTM A194 GRAD 2HM						
	A194-7	ASTM A194 GRAD 7	17200	24CrMo5	1.7258	1506-162		20CrMo
	A194-8	ASTM A194 GRAD 8	17245	X6CrNiMo17 122	1.4571	1506-316	S31	0Cr18Ni9
	A194-8M	ASTM A194 GR8M	17440	X5CrNiMo 1810	1.4401			0Cr17Ni12Mo