

Raw Materials

Casting Iron

	GREY IRON					NODULAR IRON						
ASTM	NO.50	NO.45	NO.35	NO.30	NO.25	60-40-18	-----	65-45-12	80-55-06	80-60-03	100-70-2	120-90-2
UNS	F11401	F13101	F12801	F12101	F11701	F32800	-----	F33100	F33800	F34100	F34800	F36200
ISO	350	300	250	200	150	400-18	400-15	450-10	500-7	600-3	700-2	800-2
DIN	GG35	GG30	GG25	GG20	GG15	GGG40.3	GGG40	-----	GGG50	GGG60	GGG70	GGG80
ADI												

Casting Steel

CARBON STEEL													
ASTM	415-205 (60-30)	450-240 (65-35)	485-275 (70-40)							A216WCA	A216WCB	A216WCC	
UNS	J03000	J03101	J02501	J05002	J05000	J02502	J03002	J02503					
ISO	200-400	230-450	270-480	-----	340-550	-----	-----	-----					
DIN	GS38	GS45	GS52	GS60	-----	GS-C25	-----	-----					
STAINLESS STEEL													
AISI	410			420			304			316			
REFRACTORY STEEL													
ASTM/ACI	CA-15	CA-40	CF-8	CF-20	CF-8M	CG-8M	CF-8C	HC	HK-40	HH	HK30	HP	HT
UNS	J95150	J91153	J92600	J92602	J92900	J93000	J92710	J92605	J94204	J93503	J94203	J95705	J94605
DIN	1.4008	1.4027	1.4308	1.4312	1.4408	1.4448	1.4552	1.4776	1.4823	1.4837	1.4840	1.4857	1.4865
DIN(W-Nr): 1.4027,1.4059,1.4085,1.4086,1.4136,1.4138,1.4309,1.4317,1.4340,1.4347,1.4405, 1.4409,1.4437, 1.4439,1.4446 1.4463,1.4464,1.4468,1.4469,1.4473,1.4515, 1.4517,1.4531,1.4536,1.4538,1.4540, 1.4529,1.4573,1.4581,1.4583 1.4585, 1.4710, 1.4729,1.4740,1.4743,1.4745,1.4777,1.4778,1.4779, 1.4822,1.4825,1.4826,1.4827, 1.4832, 1.4848,1.4849,1.4852,1.4855 ,1.4859 ,2.4778,2.4779,2.4879													
OTHER ALLOY STEEL													
ASTM	1039	1052	1340	4130	4135	4140	5140	UMCO50	UMCO51				
Other series	SiMn	Nimonic	Incoloy800H/825	Hastelloy	CoCrMo	CrMnSi	CrNiMo	Inconel600					

Forging Steel

ASTM	ASTM A572/A572M-04 GRADE50(345)	ASTM A283/A283M-03 Grade D	1045
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