



COMPARISON LIST FOR CASTING AND FORGING

General Classification	Castings			Forgings		
	ASTM	JIS	BS	ASTM	JIS	BS
Cast Iron	A126-Class A	G5501-FC20	1452-14	-	-	-
	-Class B	-FC25	-17	-	-	-
	-Class C	-FC30	-20	-	-	-
Malleable Iron	A197	G5702-FCMB28	310-B18/6	-	-	-
	A47-32510	-FCMB35	-B22/14	-	-	-
	-35108	-FCMB37	-	-	-	-
Ductile Iron	A395	G5502-FCD40	-	-	-	-
	-	-FCD45	-	-	-	-
	A536	-FCD55	-	-	-	-
Carbon Steel	A216-WCA	G5151-SCPH1	-	A105-	G3201-SF45	1503-161B
	-	G5101-SC46	1504-161	-	-	-
	A216-WCB	G5151-SCPH2	-B	A105-	G3201-SF50	1503-161C
	-WCC	-	-	-	-	-
-	G5101-SC55	-C	-	-	-	
Carbon - ½Mo	A217-WC1	G5111-SCA41	1504-240	A182-F1	-	1503-240B
½Cr-½ Mo½ Ni	-WC4	-	-	-	-	-
1Cr-½ Mo-½ Ni	-WC5	-	-	A182-F12	-	1503-620
1¼Cr-½ Mo	-WC6	G5111-SCA51	1504-621	-F11	-	-
2¼Cr-1 Mo	-WC9	-	-622	-F22	-	1503-622
3Cr-1 Mo	-	-	-	-F21	-	-
5Cr-½ Mo (C 0.15)	-	-	-	-F5	-	-
5Cr-½ Mo (C 0.25)	A217-C5	G5111-SCA52	1504-625	-F5a	-	1503-625
7 Cr-½ Mo	-	-	-	-F7	-	-
9 Cr-1 Mo	A217-C12	-	1504-629	-F9	-	-
Carbon Steel for Low Temp	A352-LCB	-	4242-GRA	A350-LF1	-	-
Carbon - Si	-	-	-	-LF2	-	-
Carbon-1 Mo Steel for Low Temp	A352-LC1	-	-	-	-	-
2½Ni	-LC2	-	-	-	-	-
3½Ni	-LC3	-	-	A350-LF3	-	-

General Classification	Castings			Forgings		
	ASTM	JIS	BS	ASTM	JIS	BS
Cr - Ni - Cu - Al	-	-	-	-LF4	-	-
13Cr	A217CA15	G51212-SCS1	-	A182-F6	G4303-SUS51B	1503-713
18Cr-8Ni (C 0.03)	A351-CF3	-	-	-F304L	-SUS28B	-
18Cr-8Ni (C 0.08)	-CF8	G5121-SCS13	-	-F304	-SUS27B	1503-801
18Cr-8Ni (C 0.10)	-	-	1504-801	-F304H	-	-
18Cr-8Ni-2Mo (C 0.03)	A351-CF3M	G5121-SCS16	-	-F316L	G4303-SUS33B	-
18Cr-8Ni-2Mo (C 0.08)	-CF8M	-SCS14	1632-GRC	-F316	-SUS32B	1503-845B
18Cr-8Ni-2Mo (C 0.10)	-	-	-	-F316H	-	-
18Cr-8Ni-Ti (C 0.08)	-	-	-	-F321	G4303-SUS29B	-
18Cr-8Ni-Ti (C 0.10)	-	-	1504-821Ti	-	-F321H	1503-821Ti
18Cr-8Ni-Cb (C 0.08)	A351-CF8C	-	-	-F347	G4303-SUS43B	-821Nb
18Cr-8Ni-Cb (C 0.10)	-	-	1504-821Nb	-F347H	-	-
18Cr-8Ni-Ti-Cb (C 0.08)	-	-	-	-F348	-	-
18Cr-8Ni-Ti-Cb (C 0.10)	-	-	-	-F348H	-	-
25Cr-2Ni (C 0.15)	-	-	-	-F310	-	-
22Cr-12Ni (C 0.08)	A351-CH18	-	-	-	-	-
22Cr-12Ni (C 0.10)	-CH10	-	-	-	-	-
22Cr-12Ni (C 0.20)	-CH20	-	-	-	-	-
23Cr-19Ni (C 0.20)	-CK20	-	-	-	-	-
23Cr-19Ni (C 0.35)	-HK30	-	-	-	-	-
23Cr-19Ni (C 0.45)	-HK40	-	-	-	-	-
13Cr-33Ni-Mo (C 0.35)	-HT30	-	-	-	-	-
15Cr-13Ni-2Mo-Cb (C 0.10)	CF10MC	-	-	-	-	-
19Cr-27Ni-2Mo-3Cb (C 0.07)	-CN7M	-	-	-	-	-
8Cr-20Ni (C 0.20)	-	-	-	A182-F10	-	-
Hastelloy B	A494-N-12MV	-	-	-	-	-