

Alloys Poured at Tech Cast

LOW ALLOY STEELS

Specification	Cast Grade	Wrought Equivalent
ASTM A-27	65-35, 70-40	1020
ASTM A-216, ASME SA-216	WCA,WCB, WCC	1025
AISI 1018	1018	1018
AISI 1060	1060	1060
ASTM A-732, MIL-S-22141	10Q, IC 4340	4340
ASTM A-732	13Q	8620
ASTM A-732	14Q	8630
ASTM A-732	1A	1020
ASTM A-732	4Q	1050
ASTM A-732	7Q	4130
ASTM A-732	8Q	4140
ASTM A-148	90-60, 105-85, 120-95,150-135	**
ASTM A-217	WC6	4118 MOD
ASTM A-217, ASME SA-217	WC9	4115 MOD
ASTM A-217, ASME SA-217	C5, C12, C12A	**

ASTM A-352, ASME SA-352	LCA, LBC, LCC, LC3	**
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ALLOYED IRONS

Specification	Cast Grade	Wrought Equivalent
ASTM A-439	TYPE D-5S	**
ASTM A-439	TYPE D-2	**
ASTM A-436	TYPE 2	**
ASTM A-436	TYPE 5	**

DUCTILE IRONS

Specification	Cast Grade	Wrought Equivalent
ASTM A-536	60-40-18	**
ASTM A-536	65-45-12	**

TOOL STEELS

Specification	Cast Grade	Wrought Equivalent
ASTM A-597	CA-2	A-2
ASTM A-597	CM-3	M-3
ASTM A-597	CD-2	D-2
ASTM A-597	CS-7	S-7
ASTM A-597	CH13	H-13

PRECIPITATION HARDENED STAINLESS STEELS

Specification	Cast Grade	Wrought Equivalent
AMS 5343C, ASTM A-747, MIL-S-81591	CB7Cu-1	17-4PH

AMS 5357, ASTM A-747	CB7Cu-2	15-5PH
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AUSTENITIC STAINLESS STEELS

Specification	Cast Grade	Wrought Equivalent
ASTM A-743, MIL-S-81591	CF16F, IC 303	303
ASTM A-351, A-743, A744	CF20	302
ASTM A-351, A-743, A-744 ASME SA-351	CF3	304L
ASTM A-351, A-743, A-744 ASME SA-351	CF3M	316L
ASTM A-351, A-743, A-744 ASME SA-351	CF8	304
ASTM A-351, A-743, A-744	CF8C	347
ASTM A-351, A-743, A-744 ASME SA-351	CF8M	316
ASTM A-351, A-743, A-744	CG3M	317L
ASTM A-351, A-743, A-744	CG8M	317
ASTM A-743	CH-20	309
ASTM A-743	CK-20	310
ASTM A-351, A-743, A-744	CN7M	ALLOY 20
ASTM A-990	CN3MCu	**
ASTM A-351, A-743, A-744	CK-3MCuN	**
ASTM A-351, A-743	CG6MMn	NITRONIC 50
ASTM A-351, A-743	CF10SMnN	NITRONIC 60

HEAT RESISTANT STAINLESS STEELS

Specification	Cast Grade	Wrought Equivalent
ASTM A-297	HD	327
ASTM A-297	HE	312
ASTM A-297	HF	308
ASTM A-297	HH	309
ASTM A-297	HI	*
ASTM A-297	HK	310
ASTM A-351	HK40	310
ASTM A-297	HN	311
ASTM A-297	HT	330
ASTM A-297	HU	331
ASTM A-297	HX	335

DUPLEX STAINLESS STEELS

Specification	Cast Grade	Wrought Equivalent
ASTM A-890-1B, ASTM-995	CD3MN	2205
ASTM A-351, A-743, A-744, A-890-1A ASTM-995	CD4MCu	25-5PH
ASTM A-890-1B, ASTM-995	CD4MCuN	25-5PH
ASTM A-890-3A, ASTM-995	CD6MN	*

ASTM A-890-5A, ASTM-995 ,	CE3MN, CE8MN	**
ASTM A-890-6A, ASTM-995	CD3MWCuN	**
ASTM A-890-6A, ASTM-995	CD6MN	**

MARTENSITIC STAINLESS STEELS

Specification	Cast Grade	Wrought Equivalent
ASTM A-217, A?743, A?487	CA15	410
ASTM A-743 MOD	CA15F	416
ASTM A-743	CA40	420
ASTM A-743	CA40F	420 MOD
ASTM A-743, A-487	CA6NM	410 MOD
IC 440C	440C	440C
IC 440F	440F	440F
MIL-S-81591	IC 431	431

NICKEL BASE ALLOYS

Specification	Cast Grade	Wrought Equivalent
ASTM A-494	M35-1, M35-2	**
ASTM A-494	M30-H	**
ASTM A-494	CW12MW	**
ASTM A-494	CW2M	**

ASTM A-494	CW6M	**
ASTM A-494	CW6MC	**
ASTM A-494	CY-40	**
ASTM A-494	N-7M	**
ASTM A-494	CZ100	**
ASTM A-494	N-12MV	**
ASTM A-494	CW2MW	**
ASTM A-494, QQ-N-288	M30C, Comp E	**

COPPER BASE ALLOYS

Specification	Cast Grade	Wrought Equivalent
CDA 95400	ALBR9C	ALUMINUM BRONZE
CDA 86500	MB65M	MANGANESE BRONZE
CDA 90300	SAE 620	TIN BRONZE
CDA 87200	SB12A	SILICON BRONZE
CDA 87300	EVERDUR	SILICON ALLOY
CDA 87500	SB875	SILICON BRASS
CDA 87600	SB876	SILICON BRASS

COBALT BASE ALLOYS

Specification	Cast Grade	Wrought Equivalent
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AMS 5385	COBALT 21	**
AMS 5387	COBALT 6	**
AMS 5382	COBALT 31	**