

Controlling Spec	Grade	Controlling Spec	Grade
Carbon Steel		Austenitic Stainless Steel for Pressure Containing Parts	
ASTM A27	U-60-30	ASTM A351/A743/A744	CF3
	60-30		CF8
	65-35		CF3M
	70-36		CF8M
ASTM A216	70-40		CF3MN
	WCA		CF8C
	WCB		CF10
	WCC		CF10M
High Strength Steel			CF10MC
ASTM A148	80-40		CF10SMnN
	80-50	CG3M	
	90-60	CH8	
	105-85	CH10	
	115-95	CH20	
	130-115	CK20	
	135-25	CK3MCuN	
	150-135	CN3MN	
	160-145	CN7M	
	165-150		
	165-150L		
	210-180		
210-180L			
Manganese Steel		Gray Iron for Pressure Containing Parts	
ASTM A128	A	ASTM A278	CL 25
	B-1		CL 30
	B-2		CL 35
	B-3		CL 40
	B-4		
Low Alloy Steel, Martensitic Stainless		Grey Iron	
ASTM A217	WC1	ASTM A48/A126 (A, B, C)	CL 25
	WC6		CL 30
	WC9		CL 35
	C5		CL 40
	C12		
	C12A		
	CA15		
Alloys Suitable for Pressure Service		Heat Resistant Materials	
ASTM A487	Grades	ASTM A297	HC
	4A		HE
	CA15		HF
	CA6NM (A & B)		HH
			HI
Steel Alloys for Low Temperature Service			HK
ASTM A757	A1Q		HL
	A2Q		HN
			HP
			HG10
			CT15C

Controlling Spec	Grade	Controlling Spec	Grade
Ferritic and Martensitic Alloys for Pressure Containing		Nickel Alloys	
ASTM A352	LCA	ASTM A494	CZ100
	LCB		M25S(No Weld)
	LCC		M30C
	LC1		M30H
	LC2		M35-1
	LC3		M35-2
	CA6NM		N3M
			N7M
			N12MV
Duplex Alloys			CU5MCuC
A890/A995	1A (CD4MCu)		CW2M
	1B(CD4MCuN)		CW6M
	2A(CE8MN)		CW6MC
	3A (CD6MN)		CW12MW
	4A (CD3MN)		CX2M
	5A (CE3MN)		CX2MW
	6A(CD3MWCuN)		CY40
	7A(CD3MWN)		50Cr-50Ni
PH Hardening Stainless Steel			
ASTM A747 (All conditions)	CB7Cu-1	ASTM A560	
	CB7Cu-2		
Copper-Nickel Alloys			
ASTM B369	C96200 (90-10)		
	C96400 (70-30)		
Cobalt Based			
Ultimet	UNS R31233		
Ductile Irons		Copper Alloys	
ASTM A395	60-40-18	ASTM B148	C95200
	65-45-15		C95300
ASTM A536	60-40-18		C95400
	65-45-12		C95500
	80-55-06		C95600
			C95700
			C95800
Ductile Ni Resist		Austenitic Gray Iron	
ASTM A439	Type D-2	ASTM A436	Type-1
	Type D-2B		Type-1B
	Type D-2C		Type-2
	Type D-3		
	Type D-3A		