

Material Specification Chart

IDENTIFICATION SYMBOL	UNS#	PLATE	BAR	PIPE	WELD FITTINGS	FORGINGS
Austenitic Stainless						
304	S30400	A240	A276/479	A312	A403WP	A182
304H	S30409	A240	A276/479	A312	A403WP	A182
304L	S30403	A240	A276/479	A312	A403WP	A182
316	S31600	A240	A276/479	A312	A403WP	A182
316H	S31609	A240	A276/479	A312	A403WP	A182
316L	S31603	A240	A276/479	A312	A403WP	A182
317L	S31703	A240	A279/479	A312	A403WP	A182
321	S32100	A240	A276/479	A312	A403WP	A182
321H	S32109	A240	A276/479	A312	A403WP	A182
347	S34700	A240	A276/479	A312	A403WP	A182
347H	S34709	A240	A276/479	A312	A403WP	A182
F44 (254SMO)	S31254	A240	A276/479	A312	A403WP	A182
Ferritic-Austenitic Stainless						
F51 (DUPLEX)	S31803	A240	A276/479	A790	A815WP	A182
F53 (SUPER DUPLEX)	S32750	A240	A479	A790	A815WP	A182
F55 (ZERON 100)	S32760	A240	A276	A790	A815WP	A182
F60	S32205	A240	A276	A790	A815WP	A182
Low Alloy Steels						
F5	K41545	A387	A182	A335	A234	A182
F9	K90941	A387	A182	A335	A234	A182
F91	K90901	A387	A182	A335	A234	A182
F11 Class 1	K11597	A387	A182	A335	A234	A182
F11 Class 2 & 3	K11572	A387	A182	A335	A234	A182
F22 Class 1 & 3	K21590	A387	A182	A335	A234	A182
Carbon-Steel						
		A516	A105/A695	A106	A234	A182
Low-Temperature Steel						
			A350-LF2 CL1	A333GR6	A420WPL6	A350-LF2 CL1
High Strength Transmission Service				A381 AP1-5L	SP - 75	A694F42 - F70
Nickel-Alloys						
Nickel-200	N02200	B162	B160	B161/B775	B366 WPN	B564
Alloy-400	N04400	B127	B164	B165/B775	B366 WPNC	B564
Alloy-600	N06600	B168	B166	B167/B775	B366WPNCI	B564
Alloy-625	N06625	B443	B446	B444/B775	B366 WPNCMC	B564
Alloy-800H	N08810	B409	B408	B407/B775	B366WPNIC10	B564
Alloy-800HT	N08811	B409	B408	B407/B775	B366WPNIC11	B564
Alloy-825	N08825	B424	B425	B423	B366 WPNICMC	B564
Corrosive High-Temp. Service						
A20	N08020	B463	B473	B729	B366 WP20CB	B462
6 Moly-AL6XN	N08367	B688 / A240	B691	B690	B366 WP6XN	A182F62
C276	N10276	B575	B574	B619 / B622	B366 WPHC276	B564/B462
HAST-B2	N10665	B333	B335	B619 / B622	B366 WPHB-2	B564/B462
C-22	N06022	B575	B574	B619 / B622	B366 WPHC22	B564/B462
Titanium						
Grade 2	R50400	B265	B348	B861/B862	B363 WPT1	B381 F2
Grade 7	R52400	B265	B348	B861/B862	B363 WPT7	B381 F7
Copper - Nickel						
70-30 (MIL-STD)	C71500	Reference MIL-C & MIL-F Standards				
90-10 (MIL-STD)	C70600					
Cr-Mo Alloy Steel						
4130	G41300	A506	A29 / A322	A519	A322	