



# CROSS-REFERENCE OF ASTM MATERIAL SPECIFICATIONS COVERING PIPE, FORGED AND CAST FITTINGS, FLANGES & VALVES



**Southwest Stainless & Alloy**



**Sunbelt Supply Co.**

Material	Pipe	Forged Steel (Fittings & Flanges)	Butt Weld Fittings	Forged Steel (Valves)	Cast Steel (Valves)
Carbon -1/2 Moly Alloy Steel					
Moderate / High-Temp Service	A106-Gr.B/API5LB/A672	ASTM A105/A105N	A234-WPB	ASTM A105/A105N	A216-WCB, WCC
Low-Temp Service	A333-Gr.6/A671	A350-LF2 CL1	A420-WPL6	A350-LF2 CL1	A352-LCB, LCC
Carbon - 1/2 Moly Alloy Steel					
High-Temp Service	A335-Gr.P1/A691 CM-70	A182-F1	A234-WP1	A182-F1	A217-WC1
Low-Temp Service					A352-LC1
1/2Cr-1/2Mo Alloy Steel	A691 CM-75	A182-F2		A182-F2	
1Cr-1/2Mo Alloy Steel	A335-Gr.P12	A182-F12 CL2	A234-WP12 CL2	A182-F12 CL2	
1-1/4Cr-1/2Mo Alloy Steel	A335-Gr.P11	A182-F11 CL2	A234-WP11 CL2	A182-F11 CL2	A217-WC6
2-1/4Cr-1/2Mo-Vd Alloy Steel	A335-Gr.P22	A182-F22 CL3	A234-WP22 CL3	A182-F22 CL3	A217-WC9
5Cr-1/2Mo Alloy Steel	A335-Gr.P5	A182-F5	A234-WP5	A182-F5	
5Cr-1/2Mo Alloy Steel		A182-F5a		A182-F5a	A217-C5
9Cr-1Mo Alloy Steel	A335-Gr.9	A182-F9	A234-WP9	A182-F9	A217-Gr.C12
9Cr-1Mo Alloy Steel	A335-Gr.91	A182-F91		A182-F91	A217-C12A
Type 410 13Cr Alloy Stainless Steel	A268	A182-F6		A182-F6	A351-CA15
Type 304 Stainless Steel 18Cr-8Ni					
Standard	A312-TP304	A182-F304	A403-WP304	A182-F304	A351-Gr.CF8
Low Carbon	A312-TP304L	A182-F304L	A403-WP304L	A182-F304L	A351-Gr.CF3, CF3A
High Temp Service	A312-TP304H	A182-F304H	A403-WP304H	A182-F304H	A351-Gr.CF10
Type 310 Stainless Steel 25Cr-20Ni	A312-TP310	A182-F310H	A403-WP310	A182-F310H	A351-CK20
Type 316 Stainless Steel 16Cr-12Ni-2Mo					
Standard	A312-TP316	A182-F316	A403-WP316	A182-F316	A351-Gr.CF8M
Low Carbon	A312-TP316L	A182-F316L	A403-WP316L	A182-F316L	A351-Gr.CF3M
High Temp Service	A312-TP316H	A182-F316H	A403-WP316H	A182-F316H	A351-Gr.CF10M
Type 317 Stainless Steel 18Cr-13Ni-3Mo					
Standard	A312-TP317	A182-F317	A403-WP317	A182-F317	A351-Gr.CG8M*
High Temp Service		A182-F317H		A182-F317H	A351-Gr.CF8A
Type 321 Stainless Steel 18Cr-10Ni-Ti					
Standard	A312-TP321	A182-F321	A403-WP321	A182-F321	
High Temp Service	A312-TP321H	A182-F321H	A403-WP321H	A182-F321H	
Type 347 Stainless Steel 18Cr-10Ni-Cb					
Standard	A312-TP347	A182-F347	A403-WP347	A182-F347	A351-Gr.CF8C
High Temp Service	A312-TP347H	A182-F347H	A403-WP347H	A182-F347H	A351-Gr.CF8C
Type 348 Stainless Steel 18Cr-10Ni-Cb					
Standard	A312-TP348	A182-F348	A403-WP348	A182-F348	
High Temp Service	A312-TP348H	A182-F348H	A403-WP348H	A182-F348H	
2-1/2 Nickel Alloy Steel					
Low-Temp Service					A352-LC2
3-1/2 Nickel Alloy Steel					
Low -Temp Service	A333-Gr.3	A350-LF3 CL1	A20-WPL3	A350-LF3 CL1	A352-LC3
20Cr-18Ni-6Mo Duplex Steel	A312-UNS S31254	A182-F44	S31254	A182-F44	A351-CK3MCuN
22Cr-5Ni-3Mo-N Duplex Steel	A789/A790-UNS31803	A182-F51	S31803/S32205 †	A182-F51	A351-CD3MN/A890-4A*
25Cr-7Ni-4Mo-N Duplex Steel	A789/A790-UNS32750	A182-F53	S32750	A182-F53	CD4MCU*CE3MN*5A*
24Cr-10Ni-4Mo-V Duplex Steel					A351-CE8MN
					A351-CD4MCuN/1B
25Cr-5Ni-2Mo-3Cu Duplex Steel	A789/A790-UNS32760		S32760		A995-CD3MWCuN/6A
25Cr-7.5Ni-3.5Mo-N-Cu-W Duplex Steel		A182-F55		A182-F55	

Important Note: Data provided on this chart is for informational purposes only and is from the 2009 edition of ASME 16.34. Always consult current ASME or API official publications to verify information and cross reference data.


[sw-stainless.com](http://sw-stainless.com)

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