



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

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

Material	Forgings	Castings	Butt Weld Fittings
Carbon Steel	A181-Gr.1 A181-Gr.2		A234WPA,WPB,WP
	A105-Gr.1 A105-Gr.2	A216, WCA,WCB,WCC	
Low-Temp Service	A350-LF1 A350-LF2	A352-LCB	A420-WPL1
Carbon -1/2 Moly Alloy Steel			
High Temp Service	A182-F1	A217-WC1	A234-WP1
Low-Temp Service		A352-LC1	
1/2Cr-1/2Mo Alloy Steel	A182-F2		
1/2Cr-1/2Mo-1 Alloy Steel		A217-WC4	
3/4Cr-1 Mo-3/4NI Alloy Steel		A217-WC5	
1Cr-1/2Mo Alloy Steel	A182-F12		A234-WP12
1Cr-1 Mo-Vd Alloy Steel	A404-F24	A389-C24	
1-1/4Cr-1/2Mo Alloy Steel	A182-F11	A217-WC6	A234-WP11
1-1/4Cr-1/2Mo-Vd Alloy Steel		A389-C23	
2-1/4Cr-1/2Mo-Vd Alloy Steel	A182-F22	A217-WC9	A234-WP22
3Cr-1 Mo Alloy Steel	A182-F21		
5Cr-1/2Mo Alloy Steel	A182-F5		A234-WP5
	A182-F5a		
5Cr-1/2Mo-Si Alloy Steel		A217-Gr.C5	
7Cr-1/2Mo Alloy Steel	A182-F7		A234-WP7
9Cr-1 Mo Alloy Steel	A182-F9	A217-Gr.C12	A234-WP9
13Cr Alloy Steel	A182-F6	A351-CA15	
Type 304 Stainless Steel			
Standard	A182-F304	A351-Gr.CF8,CF8a	A403-WP304
Low Carbon	A182-F304-L	A351-Gr.CF3,CF3a	A403-WP304-L
High Temp Service	A182-F304-H		A403-WP304-H
Type 309 Stainless Steel			A403-WP309
Type 310 Stainless Steel	A182-F310		A403-WP310
Type 316 Stainless Steel			
Standard	A182-F316	A351-Gr.CF8M	A403-WP316
Low carbon	A182-F316-L	A351-Gr.CF3M	A403-WP316-L
High Temp Service	A182-F316-H		A403-WP316-H
Type 317 Stainless Steel			A403-WP317
Type 321 Stainless Steel			
Standard	A182-F321		A403-WP321
High Temp Service	A182-F321-H		A403-WP321-H
Type 347 Stainless Steel			
Standard	A182-F347		A403-WP347
High Temp Service	A182-F347-H	A351-Gr.CF8C	A403-WP347-H
Type 348 Stainless Steel			
Standard	A182-F348		A403-WP348
High Temp Service	A182-F348-H		
20 Ni-8 Cr Alloy	A182-F10		
2 Nickel Alloy Steel			
Low Temp Service		A352-LC2	
3-1/2 Nickel Alloy Steel			
Low Temp Service	A350-LF3	A352-LC3	A420-WPL3
9 Nickel Alloy Steel			
Low Temp Service	A522		
Cr-Cu-Ni-Al Alloy Steel			
Low Temp Service	A350-LF4		A420-WPL4