



Power Valves International Ltd

Cross Reference of ASTM Material Specifications

| Materials | Forgings | Castings |
|------------------------------|---------------------|------------------|
| Carbon Steel | A181-Gr.1 A181-Gr.2 | |
| | A105-Gr.1 A105-Gr.2 | A216-WCA WCB WCC |
| Cold Temp Service | A350-LF1 A350-LF2 | A352-LCB |
| Carbon -1/2 Moly Alloy Steel | | |
| High Temp Service | A182-F1 | A217-WC1 |
| Cold 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 | |
| 1Cr-1 Mo-Vd Alloy Steel | A404-F24 | A389-C24 |
| 1-1/4Cr-1/2Mo Alloy Steel | A182-F11 | A217-WC6 |
| 1-1/4Cr-1/2Mo-Vd Alloy Steel | | A389-C23 |
| 2-1/4Cr-1/2Mo-Vd Alloy Steel | A182-F22 | A217-WC9 |
| 3Cr-1 Mo Alloy Steel | A182-F21 | |
| 5Cr-1/2Mo Alloy Steel | A182-F5 | |
| 5Cr-1/2Mo-Si Alloy Steel | | A217-Gr.C5 |
| 7Cr-1/2Mo Alloy Steel | A182-F7 | |
| 9Cr-1 Mo Alloy Steel | A182-F9 | A217-Gr.C12 |
| 13Cr Alloy Steel | A182-F6 | A351-CA15 |
| Type 304 Stainless Steel | | |
| Standard | A182-F304 | A351-Gr.CF8 CF8a |
| Low Carbon | A182-F304-L | A351-Gr.CF3 CF3a |
| High Temp Service | A182-F304-H | |
| Type 309 Stainless Steel | | |
| Type 310 Stainless Steel | A182-F310 | |
| Type 316 Stainless Steel | | |
| Standard | A182-F316 | A351-Gr.CF8M |
| Low Carbon | A182-F316-L | A351-Gr.CF3M |
| High Temp Service | A182-F316-H | |
| Type 317 Stainless Steel | | A403-WP317 |
| Type 321 Stainless Steel | | |
| Standard | A182-F321 | |
| High Temp Service | A182-F321-H | |
| Type 347 Stainless Steel | | |
| Standard | A182-F347 | |
| High Temp Service | A182-F347-H | A351-Gr.CF8C |
| Type 348 Stainless Steel | | |
| Standard | A182-F348 | |
| High Temp Service | A182-F348-H | |
| 20 Ni-8 Cr Alloy | A182-F10 | |
| 2 Nickel Alloy Steel | | |
| Low Temp Service | | A352-LC2 |