

Body Materials



ASTM A351 gr. CF8M 316 Stainless Steel

The corrosion resistant alloy Type 316 is molybdenum steel possessing improved resistance to pitting for solutions containing chlorides and other halides. In addition it provides excellent elevated temperature, tensile, creep, stress and rupture strengths.

ASTM A216 gr. WCB Carbon Steel

Standard service. Normally stocked with CR13SS/ stellite or 316SS trim. Body is externally pointed for protection against weather.

ASTM A351gr. CF3M 316L Low Carbon Stainless Steel

The use of 316L is recommended when exposure in the carbide precipitation range is unavoidable and where annealing after welding is not practical.

ASTM A351 gr. CF8 304 Stainless Steel

General purpose corrosion resistant alloy. Has low carbon content and is non-magnetic. May be susceptible to chloride stress corrosion cracking.

ASTM A351 gr. CF3 304L Low Carbon Stainless Steel

Type 304L has a carbon content of 0.03% or less. This alloy can be used in the as-welded condition without becoming susceptible to inter-granular corrosion. May be susceptible to chloride stress corrosion cracking. Commonly used where field working is employed.

ASTM A351 gr. CN7M Alloy 20

Superior resistance to stress corrosion cracking in boiling 20 to 40% sulfuric acid. Excellent general corrosion resistance to sulfuric acid. Excellent resistance to chloride stress corrosion cracking. Excellent mechanical properties and fabricability.

ASTM A296 gr. CW-12M Hastelloy C

Outstanding corrosion resistance in oxidizing environments. Excellent resistance to pitting and stress corrosion cracking and maintains corrosion resistance in weld joints.

ASTM A296 gr. M-35 Monel

Superior resistance to corrosion in many chemical applications and excellent resistance to salt water.



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