



FITTINGS & FLANGES - MATERIAL CLASSIFICATION

Product	Sub Class	Type	Sizing	Grades	Schedules/Thk & Pressure Classes
Buttweld Fittings	Stainless, Low Temp, High Yield CS, CrMo, Duplex, Super Duplex, CuNi, Nickel Alloys & Titanium	Elbows, Tees, Reducers & Caps	15NB to 1600NB	ASTM A234 WPB ASTM A403 WP304 & 304L ASTM A403 WP316 & ASTM A403 WP316L	Std, XS, S80, S160 & XXS
Flanges – Forged	Stainless Steel, Duplex, Super Duplex, CuNi, Nickel Alloys & Titanium	Weld Necks, Blinds, Slip Ons, Socket Weld & Threaded	15NB to 900NB	ASTM A105N, ASTM A182 F304, F316L, F321H, F51, F53, F55 ASTM B 825, 625 T1, T2, T7, T12	Class 150 to 2500lb Std to XXS
Flanges – Plate	Stainless Steel, Duplex, Super Duplex, CuNi, Nickel Alloys & Titanium	Slip Ons & Blinds, Spectacle blind, Spacer	15NB to 900NB	Carbon Steel - 515/516 Stainless/ Duplex/SDSS-304/316/32750/32760 T1, T2, T7, T12	Class 150 to 2500lb Std to XXS
High Pressure Forged Fittings, Threaded & Socket Weld	Stainless, Low Temp, High Yield CS, CrMo, Duplex, Super Duplex, CuNi, Nickel Alloys & Titanium	Elbows, Tees, Caps, Plugs, Nipples, Olets, Unions & Bushes	15NB to 300NB	ASTM A105N, A350 LF2 ASTM A182 F11, F22, F5, F9, F91, F92 ASTM A182 316 & 316L, F51, F53, F55	3000lb, 6000lb & 9000lb
Low Pressure Screwed Fittings	Stainless, Low Temp, High Yield CS, CrMo, Duplex, Super Duplex, CuNi, Nickel Alloys & Titanium	Elbows, Tees, Caps, Plugs, Nipples, Olets, Unions & Bushes	15NB to 150NB	Black Steel Galvanised Steel Stainless 316	BSP-T BSP-P NPT