

- BULK precision pipe fittings are manufactured in a wide range of configurations
- Size range from 1/8" to 1"
- Construction from bar stock or forging materials
- Threads meet requirements of ANSI B1.20.1, DIN 2999, BSP and ISO 7/1
- Male and female threads are protected to ensure their integrity

MATERIALS

BULK precision pipe fittings are available as standard in 316 Stainless Steel. We can also supply other materials including Brass, Monel, Hastelloy, Inconel, Titanium,...

PRESSURE RATING

Working pressures are calculated in accordance to ANSI code for pressure piping B 31.1 and showed in the table below.

Female pipe end ratings are lower than male pipe end ratings for a given size because the inner and outer diameters of female threads are larger than male pipe threads.

NPT SIZE	316SS MALE	316SS FEMALE
1/8"	9.300	6.000
1/4"	7.300	6.000
3/8"	7.000	5.000
1/2"	6.900	4.500
3/4"	6.500	4.200
1"	4.800	4.000

ASSEMBLY INSTRUCTIONS

To ensure a leak tight seal, the use of a pipe thread sealant on all NPT threads is recommended. The most effective sealing method is Teflon tape.

Pipe thread sealant should be used only on male tapered pipe threads.

- 1) Clean both male and female tapered threads.
- 2) Wrap the sealant tape in the direction of the male tapered thread spiral.
- 3) Make sure tape does not overhang the first thread as the tape could shred and get into the system.
- 4) Cut off excess tape.

NOTE

Pipe thread sealants may have lower temperature capabilities than the basic fitting.