

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

THREADED STAINLESS STEEL FITTINGS

Elbows, Tees, Crosses, Plugs, Unions, Caps, Couplings, Hex Bushings, Locknuts and Spuds

Manufactured in compliance with the ISO 4144-2003 Standard.

Each fitting features large investment castings with raised shoulders at the connections, for easier installation.

Cast using an electric induction furnace to ensure that the material is at optimum casting temperature throughout the entire casting process.

Legend offers both 304 & 316 stainless steel materials:

- 304 stainless steel offers a cost effective stainless option for food processing and general wet areas.
- 316 stainless steel has a higher nickel content and is used in highly corrosive environments, offshore or in petro-chemical plants.

Working Pressure, Non-shock (p.s.i.)*

Temperature (°F)	Non-shock maximum working pressure
-4°F to 100°F	290 psi
212°F	239 psi
302°F	218 psi

*Extracted from Table 2 of ISO 4144-2003

MATERIAL SPECIFICATION

PART	MATERIAL
1 All fittings	304 & 316 SS

CERTIFICATIONS / LISTINGS:

Third-party certified

NSF/ANSI 61: Drinking water system components - Health effects.

STANDARDS

ASME B1.20.01: Pipe threads, general purpose, Inch.

ISO 7-1: Pipe threads where pressure-tight joints are made on the threads

ISO 228-1: Pipe threads where pressure-tight joints are not made on the threads.
(Union nuts and mating threads)

