

High Pressure Connections

(Coned and Threaded) 30,000/40,000/60,000 psi service

The High Pressure tubing connection is available for 1/8", 1/4", 3/8", 9/16" and 1" O.D. tubing. The tubing may be prepared with the use of tooling (see tooling section 9.0) or prepared at the factory to specified lengths. Additionally, standard length coned and threaded tubing nipples are available from stock (see page 4.12).

This connection has become an industry standard for use at elevated pressures and temperatures in both liquid and gas applications. It may be disassembled and retightened indefinitely.

The threads of the gland are right-hand while the threads of the collar and tubing are left-hand to prevent rotation of the collar during assembly.

Materials. All of the components required for make-up of a High Pressure connection (glands, collars and plugs) are produced in Type 316 stainless steel.

Glands and collars are provided with all valves and fittings (except nipples) unless otherwise requested. (See chart on the right for size details and catalog numbers).

30,000 & 60,000 psi				40,000 psi	30,000 psi
HF2 1/8" O.D. Tubing	HF4 1/4" O.D. Tubing	HF6 3/8" O.D. Tubing	HF9 9/16" O.D. Tubing	HF9 9/16" O.D. Tubing	HF16 1" O.D. Tubing
Female Opening Detail					
HF2	HF4	HF6	HF9	HF9	HF16
Gland					
60-2HM2	60-2HM4	60-2HM6	60-2HM9	60-2HM9	30-2HM16
Collar					
60-2H2	60-2H4	60-2H6	60-2H9	60-2H9	30-2H16
Plug					
60-7HM2	60-7HM4	60-7HM6	60-7HM9	40-7HM9	30-7HM16
Tube End Prep					
HM2	HM4	HM6	HM9	HM9	HM16

