



3000 lb. Flow Metering Orifice Union

Technical Data Sheet



Product Description:

Hart Industrial Orifice O-ring Unions are engineered to provide the most effective and efficient method for precise regulation of flow and predetermined pressure drop. The union is designed with a double O-ring for zero leakage applications.

Unions contain an easily replaceable orifice plate and are available in carbon steel or stainless steel. The assembly is used in liquid or gas piping systems to meter flow rate of the fluid. The all metal assembly is capable of a wide range of pressure and temperature variables. Flow rates can be easily changed by inserting replaceable metering plates into the union.

Specifications

Materials: 304 & 316 Stainless meets ASTM A182, Carbon Steel ASTM A105

O-Rings: Viton standard - also available - Buna N, EPDM, Teflon & Neoprene

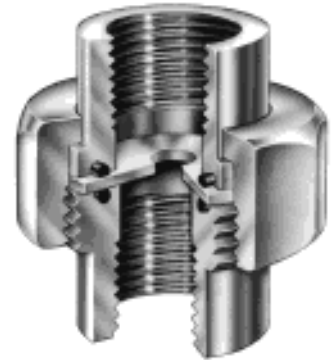
Plate Drilling: Orifice plate predrilled to 1/64" minimum and marked on union - or can be provided blank (no drilling).

Size Range: 1/8" to 4"

For OAL: Add 1/8" to laying length of standard union

Features & Benefits:

- Flow control is precisely regulated
3000 psi W.O.G., Cold, Non Shock
- Available with a choice of over 5 different O-Ring materials
- Available with a wide range of metals for body materials
- O-Ring design facilitates repeatable reseal
- Flat-faced design allows components to be easily slipped out of the system without springing the line
- O-ring is located outside of the flow stream where it is protected
- Zero leakage - double O-Ring
- Threaded, socketweld & buttweld ends available



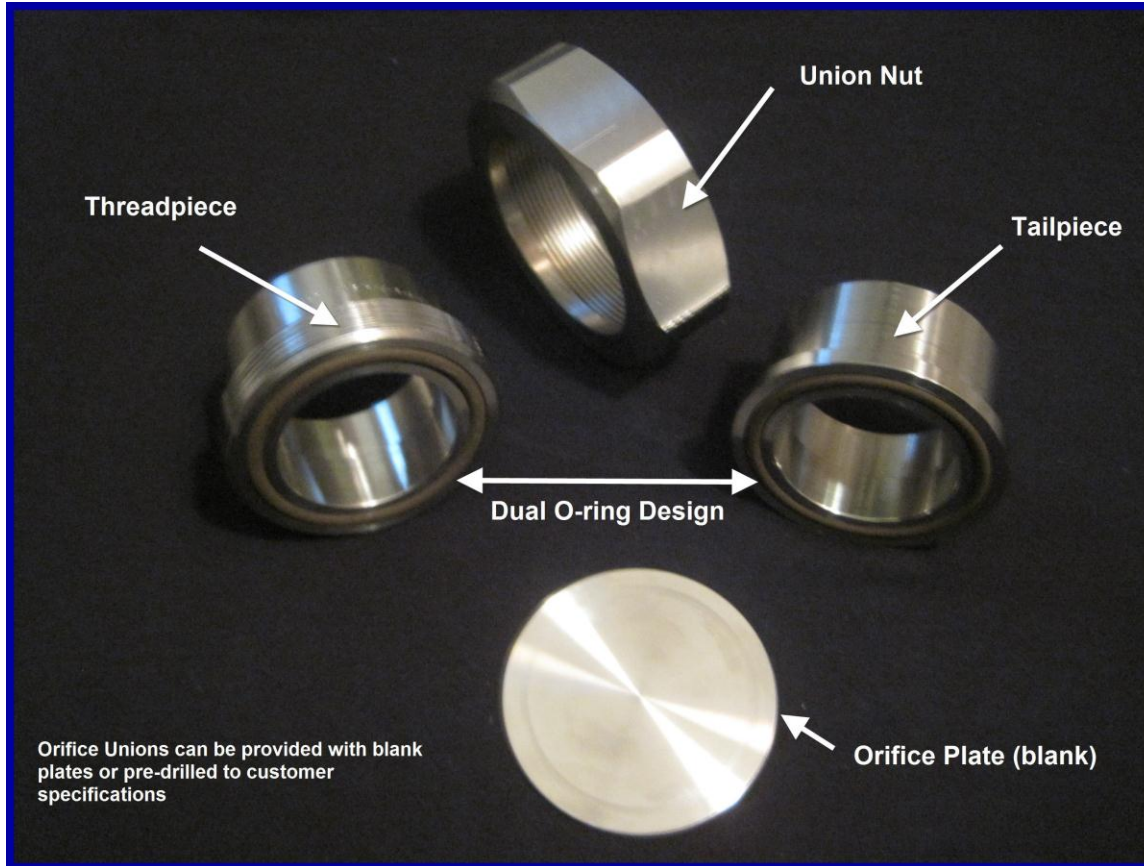
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3000 lb. Flow Metering Orifice Union Component Pictorial View:
(Stainless steel socketweld orifice union shown below)



How to Order ©:

Ordering Hart specialty o-rings can be easily accomplished by visiting www.hartindustries.com. Refer to the "How to Order" link on the home page and follow the instructions.

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