



Orifice Series Class 3000 and 6000 Unions

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 a zero leakage seal.

Unions contain an easily replaceable orifice plate and are available in a variety of materials. The all metal assembly is capable of a wide range of pressure and temperature applications. Flow rates can be easily changed by inserting replaceable metering plates into the union. All HART Unions are made in the USA!

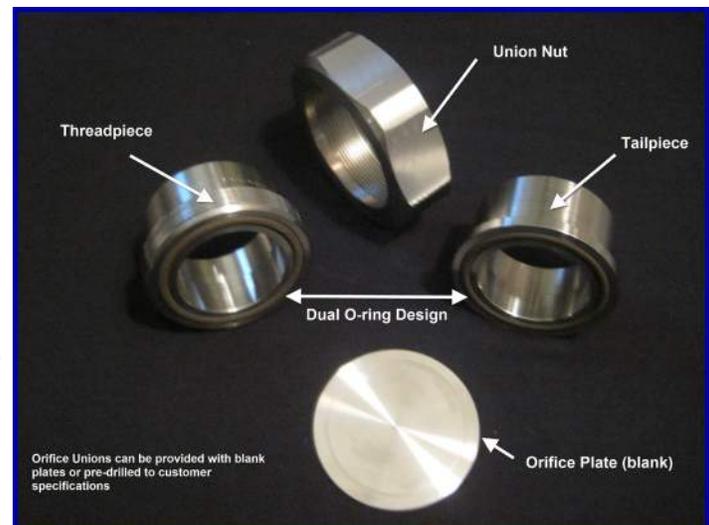
Orifice Series Union Features:

- **Precision Cut Orifice Plates:** All HART Orifice Plates are precision cut and are available in a variety of materials (including Stainless Steel and Brass).
- **Plate Drilling:** Orifice Plate can be supplied pre-drilled to your custom specifications or furnished blank (no drilling). Union body can be laser marked with orifice bore!



Standard O-Ring Union Features:

- **Turbulence Free:** All unions provide a turbulence-free fit across the seats
- **O-Ring Isolation:** The O-Ring seal is strategically located in the thread piece face eliminating O-Ring media contact and added protection against abrasives and erosion. A variety of O-Rings for any application are available.
- **Precision Machined Components:** All unions are precision machined to provide high quality and fail-safe leak proof reliability.
- **Interchangeable End Connections:** Threaded (female and male), socket weld, and butt weld ends are interchangeable. This feature reduces overall costs by eliminating unnecessary nipples, bushings, couplings and inserts.
- **Material Versatility:** Unions can be provided in all standard metals or combination of metals. This includes 304 Stainless, 316 Stainless, A105 Carbon Steel, Brass, Monel 400, Hastalloy, and Titanium.
- **Excellent Vibration Resistance:** Seals will not loosen, even under extreme pressure and pressure surges.
- **No Maintenance:** Once initial seal is made, no further tightening required.



Questions? Call us at 1-800-769-0503. Our Customer Service and Engineering Teams are available to assist you with any needs!