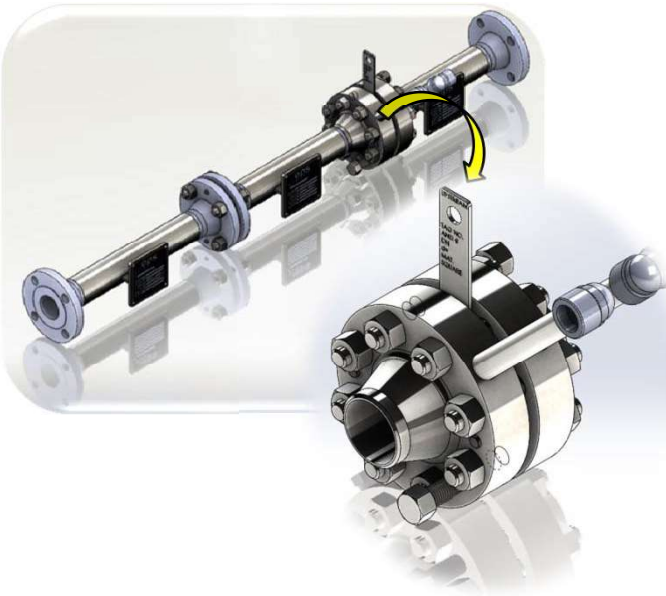




# Orifice Plates and Orifice Flange Unions



## LEADING – Orifice Flange Unions

- Simplest and cheapest form of DPM measurement.
- Special Trim available – Duplex, Inconel
- Pressure ratings from 150# to 2500#
- Sizes from 1" to 24"
- Flanges manufactured to ASME B16.36
- Meets ISO 5167 and API 14.3 (AGA 3) codes

### Pressure Tap Options

- NPT taps
- Flanged taps
- Valved taps

Designed for the most simple flow metering systems, two flanges with bolts and jack screws are referred to as an 'Orifice Flange Union'. Often referred to as the budget metering solution, the OFU still enables the end user some flexibility plate changes.

As there are no moving parts the maintenance associated with this type of meter is limited only to periodic orifice plate checks.

The orifice plate (see paddle plates) that completes this assembly is supplied to meet the customers exact requirements. Flanges are supplied with pressure taps for measurement of pressure drop in the flow through the orifice plate.



## Paddle Type Orifice Plates

### Features & Benefits

- Industry standard plate design for use with Orifice Flange Unions.
- Plates available for flow metering or pressure restriction applications.
- Can be replaced in the Field.
- Pressure ratings – 150# to 2500# PSI.
- Available sizes 2 to 24 inch

### Options

- Exotic materials for demanding services such as Duplex and Inconel.