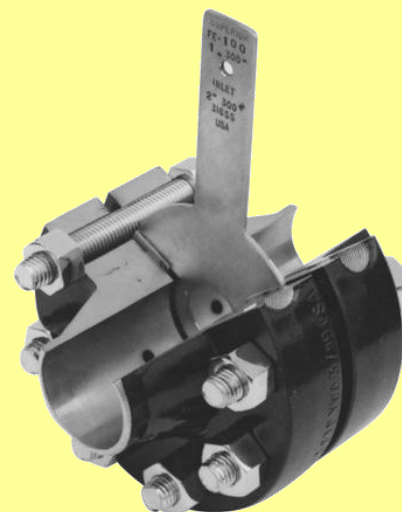


Orifice Flanges ANSI B16.36

- Wide range of materials, including
 - ASTM A105N Carbon Steel
 - ASTM A350 LF2 Carbon Steel
 - ASTM A182 F316L Stainless Steel
- Ratings from 300 lb to 2500 lb
- Sizes from 1" Nominal Bore
- Corner Tapping Versions Available



General Description

Orifice flanges are intended for use instead of standard pipe flanges when an orifice plate or flow nozzle must be installed. Pairs of pressure tapings are machined into the orifice flange, making separate orifice carriers or tapings in the pipe wall unnecessary.

The range of orifice flanges covers all standard sizes and ranges, and all common flange materials. Flanges are available in socket weld or weld neck form, and are typically supplied with two ½" NPT tapings in each flange. Jacking screws to ensure ease of removal of the primary flow element are provided.

Orifice plates and flow nozzles can also be supplied. See individual Product Data Sheets for more information.

Orifice flanges may also be supplied complete with bolting and gasket kits.

Materials

We can supply orifice flanges in a wide range of standard and special materials, including:

ASTM A105 Carbon Steel

ASTM A350 LF2 Low Temp Carbon Steel

ASTM A182 F316 Stainless Steel

ASTM A182 F304 Stainless Steel

ASTM A182 F11 1¼% Cr ½% Mo

ASTM A182 F22 2¼% Cr 1% Mo

Pressure Tapings

As standard, two ½" NPT tapings are provided in each flange, one with a plug. Other thread sizes are available on request. Socket weld connections may be specified, and butt weld pipe nipples are also available. Tapings are generally 'flange' type, but corner tapings are optional.

Weldneck Orifice Flange Assemblies

Weldneck orifice flanges are butt-welded into the pipeline. The inside diameter (or the schedule) of the pipe should be specified when ordering.

Weldneck orifice flanges are available in classes 300, 600, 900, 1500 and 2500. Raised face (RF) and ring type joint (RTJ) versions can be supplied.

Slip-On Orifice Flange Assemblies

Slip-on orifice flanges are designed to slip over the pipeline before welding. Slip-on orifice flanges are available in class 300, with a raised face (RF).

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