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> ORIFICE FLANGE UNION



Orifice Flange Unions provide an economical means of measuring flow in piping systems. Flow measurement is integral to ensuring consistent product quality, process conformance and safety. Kisaan Die Tech can manufacture Orifice Flange Unions for nearly any application.

Kisaan Die Tech has the facilities, expertise and experience to forge standard and custom components ranging from 1 to 4000kg, using open or closed dies.

Kisaan Die Tech's integrated forging facility can manufacture Orifice Flanges to ASME B16.36 (Orifice Flanges) and API 2530 (Orifice Metering of Natural Gas), in sizes from ½" to 12", in pressure class 300 through 1500. Our Orifice Flange Unions can be forged in a wide range of materials (please refer to reverse) and configurations, including: slip-on, threaded, socket weld and weld neck.

Kisaan Die Tech can also manufacture Orifice Flange Unions to custom specifications.

Kisaan Die Tech's Orifice Flange Unions comprise gaskets, jack screws, pipe plugs, studs and nuts. The hardware is also available in a range of material.

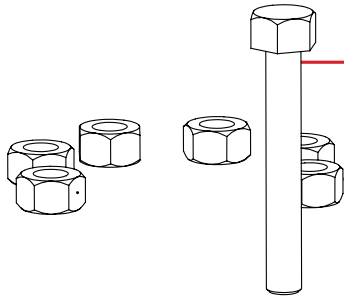
> QUALITY ASSURANCE

Kisaan Die Tech prides itself on its rigorous vendor qualification and material testing programmes. Our regimen of chemical, mechanical and Non Destructive testing ensures that every forging we produce meets our high quality standards. In addition to in-house testing, Kisaan Die Tech is also able to provide third party analysis by independent agencies such as TÜV, Det Norske Veritas, Lloyd's Register, and through NABL (National Accreditation Board for Testing and Calibration Laboratories, India) approved laboratories.

> CERTIFICATIONS

Our Quality Management programme is certified under ISO 9001:2008. Kisaan Die Tech is also a certified manufacturer of pressure equipment, in accordance with the European Union's Pressure Equipment Directive (PED 97/23/EC) and AD 2000-Merkblatt W0. Kisaan Die Tech is a registered manufacturer of flanges for the Canadian market (CRN). Our commitments to the health and safety of our employees and to the environment are evidenced by our OHSAS 18001 and ISO 14001 certifications.



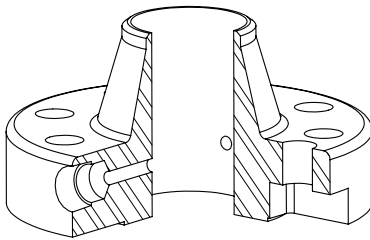


Jack Screw:

SAE J429 Grade 8. Please inquire about other options.

Heavy Hex Nut

ASTM A194, Grade 2H Carbon steel. Please inquire about other options.



Orifice Flanges:

Forged to standard or customer specifications.



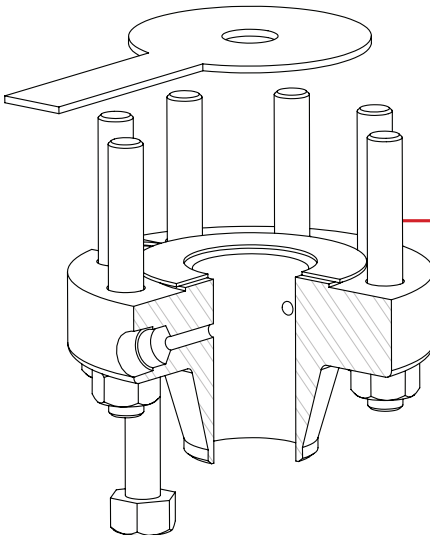
Hex Nuts:

SAE J995 Grade 8. Please inquire about other options.



Gaskets:

2 per union, standard 1/16", precision-cut, non-asbestos material with glass and aramid fibre based reinforcement structure, bound with nitrile rubber binder. This gasket type offers excellent resistance to oils and hydrocarbons. Kisaan Die Tech can work with you to supply the ideal gasket type for your application.



Stud Bolts:

ASTM A 193, Grade B7 Alloy Steel. Please inquire about other options.

MATERIALS

ASTM A182 F5

ASTM A182 F304/H/L

ASTM A 105N

ASTM A182 F9

ASTM A182 F316/H/L

ASTM A 350 LF2

ASTM A182 F11

ASTM A182 F321/H

CSA (Canadian Standards Association) Grades

ASTM A182 F22

ASTM A182 F310/H

ASTM A 694: High Strength transmission- service pipe.

ASTM A182 F91

ASTM A182 F317/L

ANSI/NACE MRO175/ISO 15156

ASTM A182 F51 Duplex Stainless Steel

ASTM A182 F347/H/L

NACE MRO103

For information about materials or standards not listed here, please contact us.