



Threaded Flange TR ASTM A182 ANSI B16.5

Basic Information

- Place of Origin: China
- Brand Name: Kasugai
- Model Number: Threaded TR
- Minimum Order Quantity: 10
- Price: Negotiable
- Packaging Details: Seaworthy Packng
- Delivery Time: 30 - 60 working days
- Payment Terms: L / C , T / T
- Supply Ability: 1000 tons per month



Product Specification

- Product Name: Threaded Flange
- Standard: ASTM A182
- Materials: Stainless Steel 304 / L 316 / L
- Size Range: 1/2" To 24" , Customized Acc. To Drawing
- Pressure Rating: 150 To 2500
- Thickness: Sch5S To Sch160 , XXS
- Application: Water Or Air Service Operate At Extreme Pressure And Normal Temperatures And/or In High Explosive Areas Where Welding May Create A Hazard.
- Highlight: **TR ASTM A182 Threaded Flange, ANSI B16.5 Threaded Flange**

Product Description

Threaded Flange TR ASTM A182 ANSI B16.5

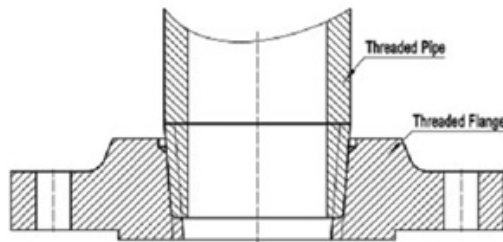
Threaded Flange

ASTM A182 Threaded Flanges are designed with internal threads to allow for easy connection to pipes or fittings with matching external threads. They have a raised face (RF) surface to provide a sealing surface for the gasket. ASTM A182 Threaded Flanges are available in various material grades, including stainless steel, alloy steel, and carbon steel. The specific material grade will depend on the application requirements and the compatibility with the fluid or gas being transported.

The threaded flange manufactured in accordance with ASME B16.5 is similar to the slip on flange, but the bore shall have a taper pipe thread conforming to ASME B1.20.1. The thread shall be concentric with the axis of the flange opening, and variations in alignment (perpendicular to the flange face) shall not exceed 5 mm per meter. Threaded flanges are available in sizes NPS 1/2 through NPS 24 for pressure ratings of Class 150, Class 300, Class 400, Class 600 and Class 900. Sizes for Class 1500 and Class 2500 are available from NPS 1/2 to NPS 2-1/2.

Product Information

Product Name	Threaded Stainless Steel Flange
Size Range	1/2" to 24"
Pressure Class	150, 300, 400, 600, 900, 1500, 2500,
Standards	ASTM A182
Face Type	Threaded (TR)
Dimensions	ANSI B16.5, Custom Drawings
Thickness	Sch5S to Sch160, XXS
Origin	China
Applications	Water or air service operate at extreme pressure and normal temperatures and/or in high explosive areas where welding may create a hazard.
Test	Direct-reading Spectrograph, Hydrostatic testing machine, X-ray detector, Ultrasonic flaw detector, Magnetic particle detector
Test Certificates	Raw Materials Certificate, 100% Radiography Test Report, Third Party Inspection Report



Connecting a pipe to the threaded flange.



A sample picture of threaded flange

Advantages & Disadvantages: Applications

ASTM A182 Threaded Flanges are commonly used in low-pressure piping systems where easy assembly and disassembly are required. They are suitable for applications such as water supply, plumbing, irrigation, and certain industrial processes.

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