

ASME B16.47 Titanium Flanges

Standard: ASME B16.47 Series A & Series B

Size Range: NPS26 - NPS60

Pressure Class: Class 75, 150, 300, 400, 600, 900

Type: Blind Flanges (BL), Ring-Type Joint (RTJ), Flat Face (FF), Weld Neck Flanges - Customizable

Delivery Time: 15 - 30 days

If your project requires large-diameter titanium flanges, ASME B16.47 Titanium Flanges are your ideal choice. Unlike ASME B16.5 Titanium Flanges, which cover sizes up to 24 inches, ASME B16.47 flanges range from 26 to 60 inches and are specifically designed for large pipelines and offshore applications.

At Baoji Zecheng Metal Materials Co., Ltd., we provide ASME B16.47 Titanium Flanges in Gr.2, Gr.5, Gr.7, and Gr.12, offering excellent strength, moderate density, and high deformability to suit your engineering needs. Our flanges are widely used in oil & gas, chemical, power, desalination, and marine industries. With ISO9001 and AS9100 certification, we ensure stable and reliable quality for every order.

Technical Specifications

Material Grade: Gr.2, Gr.5 (Ti-6Al-4V), Gr.7 (Ti-0.2Pd), Gr.12 (Ti-0.3Mo-0.8Ni)

NDT: UT (Ultrasonic), RT (Radiographic), PT (Penetrant)

Surface Treatment: Machining, Anodizing, or Custom per Requirements

Sealing Face: Raised Face (RF), Flat Face (FF), Ring-Type Joint (RTJ)

Connection: Welding / Bolted

Corrosion Resistance: Excellent resistance to seawater, chlorides, chemicals, and high-temperature oxidation environments

ASME B16.47 Series A vs Series B

Series A: Thicker walls, heavier weight, larger bolt holes - suitable for high-pressure and critical applications such as offshore platforms, oil & gas pipelines, and power plants.

Series B: More compact design, lighter weight, smaller bolt hole diameter - ideal for general piping systems and medium-to-low pressure environments.

Why Choose Us?

By choosing Baoji Zecheng Metal Materials Co., Ltd., you get:

1. Complete Titanium Flange Range - Covering both B16.5 and B16.47 standards.
2. Flexible Customization - Size, sealing face, drilling, and surface treatments tailored to your drawings.
3. Strict Quality System - ISO9001 and AS9100 certified for reliable performance.
4. Global Delivery - Fast shipping worldwide, including Europe, America, Middle East, and Southeast Asia.

If you are looking for a reliable supplier of ASME B16.47 Titanium Flanges, we provide both standard and customized solutions.

Contact us now for your quote and technical support!

Baoji Zecheng Metal Materials