

ANSI B16.5 Titanium Flange

Material: Titanium Grades 2, 5, 7, 12

Standards: ANSI B16.5 / ASME B16.5

Types: Blind flange, Weld neck flange, Slip-on flange, Threaded flange, Socket weld flange, Lap joint flange, Ring type joint flange

Pressure Ratings: Class 150, 300, 400, 600, 900, 1500, 2500

Size Range: 1/2" – 24" (DN15 – DN600)

End Connections: Weld neck, Socket weld, Threaded

High-Quality ANSI B16.5 Titanium Flanges

Our **ANSI B16.5 titanium flanges** are manufactured in strict accordance with ANSI/ASME standards, covering dimensions, tolerances, pressure classes, and testing specifications. We also provide customized solutions to meet your special requirements for different applications.

During production, CNC precision machining is applied to guarantee accurate dimensions, properly aligned bolt holes, and smooth sealing surfaces. This ensures excellent tightness, interchangeability, and reliability when connecting with pipelines, gaskets, and fasteners.

ASME B16.5 Titanium Flange Types and Range

Flange Type	Size Range	Pressure Class
Blind Flange	1/2" – 24" (DN15 – DN600)	Class 150 / 300 / 400 / 600 / 900 / 1500 / 2500
Weld Neck Flange	1/2" – 24"	Class 150 – 2500
Slip-On Flange	1/2" – 24"	Class 150 / 300 / 400 / 600
Threaded Flange	1/2" – 4" (up to 6" available)	Class 150 / 300 / 600
Lap Joint Flange	1/2" – 24"	Class 150 / 300 / 600
Ring Type Joint (RTJ) Flange	1/2" – 24"	Class 900 / 1500 / 2500

Quality & Certification

- ISO 9001 Certified – Ensures consistent and traceable quality.
- Compliant with ANSI/ASME Standards – Meeting global pipeline and flange requirements.
- Mill Test Report (MTR) Available – Including chemical composition, mechanical properties, and heat treatment records.
- Optional Third-Party Inspection – NDT, PMI (Positive Material Identification), and dimensional checks upon request.

Why Choose Us

1. Extensive Experience – Many years of titanium manufacturing and export expertise.
2. Stable Supply – Ready stock and flexible production, supporting urgent and small-batch orders.
3. Technical Support – Professional consultation, non-standard design, and engineering advice.
4. Customer-Oriented Service – Fast quotation, responsive support, and on-time delivery.

At Baoji Zecheng Metal Materials Co., Ltd., we specialize in producing high-quality titanium products, including a full range of **ANSI B16.5 titanium flanges**. Whether you require them for marine, chemical, oil & gas, or water treatment industries, we are your trusted supplier for reliable products and tailored solutions.

Contact us today for a quotation or technical consultation.