

## Grade 12 Titanium Flange

Payment Methods: Bank Transfer (T/T), Letter of Credit (L/C), PayPal

Shipping Methods: Sea Freight, Air Freight, DHL, FedEx, UPS, etc.

Packaging: Export wooden box packaging

Quality Assurance: ISO9001&AS9100

Features: Corrosion resistance, High temperature resistant, Lightweight

If you are looking for a reliable flange solution for highly corrosive and high-temperature environments, Grade 12 titanium alloy flange offers an excellent balance of strength, corrosion resistance, and cost efficiency.

As a trusted Grade 12 titanium flange manufacturer and supplier in China, Baoji Zecheng Metal Materials Co., Ltd. provides both standard and fully customized Grade 12 alloy titanium flanges, precisely tailored to your project requirements.

### Manufacturing Capability - Grade 12 Titanium Alloy Flange Factory

As an experienced Gr12 titanium flange factory, you benefit from our complete in-house manufacturing capability, including:

Forging

Precision CNC machining

Welding

Threading and finishing

Standard flange connections consist of two flanges, a gasket, and bolts/nuts, ensuring reliable sealing and safe operation under high pressure.

### Ti-0.3Mo-0.8Ni flange Parameters

Chemical composition	Ti-0.3Mo-0.8Ni
Standard	ASTM B381, ASME B16.5, ASME B16.47
Dimensions	DN: 10mm-2000mm NPS: 1/2"-24" Outer diameter: 10mm-1500mm (Other specifications can be customized)
Pressure level	PN2.5-PN420 Class150-Class2500
Equivalent grade	Grade12, TA10, DIN 3.7105, UNS R53400
Tensile performance	Tensile Strength, min: 483MPa Yield Strength(0.2% Offset), min or range: 345MPa Elongation in 4D, min: 18% Reduction of Area, min: 25%
Surface treatment	Machining, chemical treatment

Condition	Hot working state, annealing state
Delivery Time	Standard delivery: 2 to 4 weeks, depending on the order volume. Custom orders: For titanium flanges that require custom sizes or special surface treatments, the delivery time may be longer, usually between 4 to 6 weeks.

#### Gr12 Titanium Flanges Available Types

You can order the following flange types:

Weld Neck Flange (WN)

Slip-On Flange (SO)

Blind Flange (BL)

Socket Weld Flange (SW)

Threaded Flange

Non-standard flanges customized to drawings

#### Quality Assurance & Certifications

All Grade 12 (Ti-0.3Mo-0.8Ni) titanium flanges are manufactured under a strict quality control system.

Certifications: ISO 9001 & AS9100

Dimensional inspection

Chemical composition analysis

Mechanical property testing

Mill Test Certificate (MTC) available upon request

You receive full traceability from raw material to finished flange.

#### Grade 12 Titanium Alloy Flange FAQ

Can you provide samples?

Yes. Grade 12 titanium flange samples are available for quality evaluation. Whether the sample is free depends on size and stock availability. Shipping costs may apply.

Do you offer discounts for bulk orders?

Absolutely. You will receive competitive pricing for large-volume purchases of Ti-0.3Mo-0.8Ni flange.

How can you track your order?

Once shipped, you will receive tracking details so you can monitor your shipment in real time.

#### Why Work with Baoji Zecheng Metal?

Baoji Zecheng Metal Materials Co., Ltd. specializes in the manufacturing, exporting, and supplying of titanium flanges. With stable production capacity, strict quality control, and flexible customization, you gain a dependable partner for long-term supply.

□ Contact you today to purchase Gr12 titanium flanges, request samples, or receive a customized quotation for your project.