

# Titanium Blind Flange

If you are looking for a reliable solution to seal the end of your pipeline or equipment connection, our **Titanium Blind Flange** is one of the best choices. At **Baoji Zecheng Metal Materials Co., Ltd.**, we specialize in high-performance titanium products, and blind flanges are one of our core strengths.

## What Is a Titanium Blind Flange?

A titanium blind flange, also called a flange cover, is a solid flange without a central hole. It is mainly used to block pipelines or equipment nozzles. Compared with welded end caps, blind flanges are connected by bolts, making them easier to remove for maintenance, expansion, or pressure testing.

## Technical Specifications

- Material:** Pure titanium and titanium alloys
- Sealing Faces:** FF, RF, M&F;, TG, RTJ
- Standards:** ASME B16.5, ASME B16.47 Series A/B, DIN 2630–2636
- Surface Treatment:** Forged, polished, machined
- Connection Type:** Bolt connection, compatible with different flange types
- Available Conditions:** Annealed (M), Hot worked (R), Cold worked (Y)

## Ti Blind Flange Standard Range - ANSI/ASME

| Size Range     | Pressure Rating  | Typical Standards      | Application                                |
|----------------|------------------|------------------------|--------------------------------------------|
| NPS 1/2" – 24" | Class 150 – 2500 | ASME B16.5             | Petrochemical, energy, offshore, aerospace |
| NPS 26" – 60"  | Class 150 – 2500 | ASME B16.47 Series A/B | Petrochemical, energy, offshore, aerospace |

## Ti Blind Flange Standard Range - DIN/EN

| Size Range   | Pressure Rating | Typical Standards       | Application                                           |
|--------------|-----------------|-------------------------|-------------------------------------------------------|
| DN10 – DN250 | PN 2.5 – PN 40  | DIN 2630/2634/2635/2636 | pressure vessels, pipeline systems, special equipment |

## Titanium Blind Flange vs. Regular Flange

| Feature      | Titanium Blind Flange                                  | Regular Flange                                                           |
|--------------|--------------------------------------------------------|--------------------------------------------------------------------------|
| Structure    | Solid center, no hole                                  | Central hole for media flow                                              |
| Function     | Sealing, isolation, pressure testing                   | Connecting pipelines and equipment                                       |
| Removability | Bolt disassembly, easy maintenance                     | Bolt disassembly, mainly for pipe connection                             |
| Common Types | FF, RF, TG, M&F, RTJ                                   | Weld Neck, Slip-On, Socket Weld, Lap Joint, Threaded                     |
| Applications | Pipeline sealing, pressure testing, system maintenance | Piping systems, heat exchangers, pressure vessels, equipment connections |

## Why Choose Us?

Located in **Baoji, China's Titanium Valley**, we have years of experience in supplying titanium products worldwide. With advanced production capabilities and strict quality control, we aim to be your trusted long-term partner for titanium blind flanges.

■ **Contact us today** to request a quotation or technical datasheet.