



Inconel 625 Flanges Stockists

Inconel 625 flanges are critical components used in various industrial applications due to their exceptional properties, including high strength, corrosion resistance, and excellent weldability. Made from Inconel 625, a nickel-chromium-molybdenum alloy, these flanges are designed to withstand extreme environments, making them suitable for industries such as aerospace, marine, chemical processing, and oil and gas.

Composition and Properties

Inconel 625 is renowned for its outstanding combination of mechanical properties and resistance to a wide range of corrosive environments. The alloy's composition typically includes:

- **Nickel (58% minimum)**
- **Chromium (20-23%)**
- **Molybdenum (8-10%)**
- **Niobium (3.15-4.15%)**
- **Iron (5% maximum)**
- **Cobalt (1% maximum)**

This composition gives Inconel 625 its remarkable properties, including:

- **High Tensile Strength:** Inconel 625 maintains its strength at both high and low temperatures, making it suitable for extreme conditions.
- **Corrosion Resistance:** The alloy is highly resistant to pitting, crevice corrosion, and intergranular attack, even in severe environments such as seawater and acidic conditions.
- **Excellent Weldability:** Inconel 625 can be easily welded using various techniques without the risk of post-weld cracking.
- Technolloy Inc. is one of the most astonishing Exporters and Suppliers of Inconel 625 flanges in India. In the break, Inconel's raised temperature power solid areas will be huge, spread out, epic, serious, or reliant upon precipitation setting or remaining mindful of the item. At the point where they are pulled in, these UNS N06625 flanges form a passivating oxide layer that is thick and stable, safeguarding the outside from additional attack. Inconel 625 Flanges are safe and oxidation-resistant materials in general,

guaranteed for relationships in extraordinary atmospheres acquainted with power and strain.



- - [**ANSI B16.5 Inconel 625 Flanges Specification**](#)
 - Dimensions** : ANSI B16.5, ANSI B16.47 Series A & B, MSS SP44, ASA, API-605, AWWA, Custom Drawings
 - Standards** : ASTM, ASME Flanges, ANSI Flanges, DIN Flanges, EN Flanges, BS Flanges etc.
 - Specifications** : ASTM B564 / ASME SB 564
 - Size** : 1 / 2" to 36"
 - Class** : 150#, 300#, 600#, 900#, 1500#, 2500#, PN6, PN10, PN16, PN25, PN40, PN64 etc.
 - Grade** : Inconel 625 – UNS N06625
- Our Inconel 625 Flanges conforms to NACE MR0175/ISO 15156