

Grade 2 Titanium Ring

Standards: ASTM B381, ASME SB381, ASTM F67

Typical Tolerances:

Compliant with ASTM standards or customer drawings

Surface Roughness: $Ra \leq 3.2 \mu m$

Shipping Method: Sea freight, air freight, or express delivery

Packaging: Export-grade wooden crates

ISO9001 and AS9100 certified

Why Choose a Chinese Gr2 Titanium Ring Manufacturer

As a leading Gr2 titanium ring manufacturer in China, we use commercially pure titanium (Ti $\geq$ 99.5%), ensuring stable, high-quality material for your projects. Each ring features:

Uniform wall thickness

Consistent grain structure

Precise dimensions

Whether you need standard specifications or fully customized Grade 2 titanium rings, we have the experience and expertise to meet your requirements.

Gr 2 Titanium Ring Manufacturing & Processing Capabilities

Manufacturing Process:

Titanium sponge $\rightarrow$ Melting $\rightarrow$ Forging/Rolling $\rightarrow$ Ring forming $\rightarrow$ Machining $\rightarrow$ Inspection

Machining Performance:

Superior machinability compared to other titanium alloys

Suitable for CNC turning, milling, and drilling operations

Heat Treatment:

Annealing treatment can be performed to enhance material ductility and dimensional stability

Formability:

Excellent cold and hot forming properties

Suitable for bending, expanding, and precision forming processes

Applications of Gr2 Titanium Rings

Medical and dental applications (implants, medical devices)

Chemical and petrochemical equipment

Oil and gas industry components

Jewelry and decorative applications

Custom Grade 2 Titanium Ring

Material: pure titanium

Grade: Grade 2

Supply status: hot-processed state (R), annealed state (M)

Tensile strength: $\geq 345MPa$

Yield strength: $\geq 275\text{MPa}$

4D elongation: $\geq 20\%$

Sectional shrinkage: $\geq 30\%$

Wall thickness: customizable

Outer diameter, inner diameter: customizable

Section height: customizable

Surface treatment (optional): machining, anodizing, sandblasting, etc.

Chemical composition:

N (Max)	C (Max)	H (Max)	Fe (Max)	O (Max)	Other Elements (Max Each)	Other Elements (Max Total)	Ti
0.03	0.08	0.015	0.30	0.25	0.1	0.4	balance

If you are looking for a reliable Gr2 titanium ring supplier with stable quality and long-term cooperation potential, we are ready to support you.

☐ Contact us today for product specifications, drawing review, pricing information, or free samples.

Baoji Zecheng Metal Materials Co., Ltd.