

## AMS4928 Titanium Forgings

Material: Titanium 6Al-4V (UNS R56400)

Origin: Baoji, China

Product Forms: Bar, Wire, Forging, Ring, Disk, and Drawn Profiles

Condition: Annealed

Payment Terms: T/T

AMS 4928 Titanium Alloy (UNS R56400) is widely recognized for its exceptional corrosion resistance, high strength-to-weight ratio, and lightweight properties. This alloy is particularly suited for aerospace applications where stringent demands for weight reduction and high strength are critical. The alloy undergoes heat treatment for age hardening, further enhancing its strength characteristics.

As a professional Titanium Forgings factory in Baoji, China, Baoji Zecheng Metal Materials Co., Ltd. supplies high-quality forged titanium products that fully comply with AMS 4928 specifications and aerospace quality requirements.

Chemical composition	
Aluminum: 5.5-6.75%	Nitrogen (Maximum): 0.05%
Vanadium: 3.5-4.5%	Hydrogen (Maximum): 0.0125%
Iron (Maximum): 0.30%	Yttrium (Maximum): 0.005%
Oxygen (Maximum): 0.20%	Other Elements (Total): 0.40%
Carbon (Maximum): 0.08%	Titanium: Balance
Mechanical properties	
Tensile Strength: 130-135ksi	Yield Strength: 120-125ksi
Elongation: 8-10%	Reduction of Area: 15-25%

### Dimensions & Customized AMS4928 Ti forgings

All Customized AMS4928 Titanium Forgings can be produced strictly according to your drawings or technical specifications. We support:

Non-standard dimensions and tolerances

Complex forged shapes

Small-batch and project-based production

Please contact us for detailed customization capabilities.

Delivery Lead Time: Lead times vary based on quantity and customization complexity, typically ranging from 2–4 weeks.

Heat Treatment Options: Solution Heat Treatment, Annealing, Continuous Heat Treatment

Surface treatment: anodizing, sandblasting, polishing

Final Inspection:

Every batch undergoes rigorous inspection, including:

Chemical Composition Testing

Mechanical Property Testing

Microstructure Examination

Surface Quality Check

Working temperature: 750~900 °F (399~510 °C)

Why Choose Baoji Zecheng Metal as Your AMS4928 Ti forgings Supplier?

As an experienced manufacturer of titanium forgings, Baoji Zecheng Metal Materials Co., Ltd. has extensive expertise in producing high-quality AMS4928 certified titanium forgings for aerospace and industrial applications. By choosing us, you gain access to:

Reliable AMS4928 Ti forgings production capabilities with consistent quality

Strict adherence to ISO 9001 and AS9100 quality management systems

Free AMS4928 titanium forging samples (subject to size and project evaluation)

Professional technical support and material selection guidance

AMS4928 Ti alloy forgings FAQ

Q1: What are the main applications of AMS4928 Ti alloy forgings?

A: Titanium Alloy forgings are widely used in the aerospace industry, including critical components such as turbine discs, compressor parts, engine rings, and pressure vessels.

Q2: Can I request a free sample of AMS4928 titanium forgings?

A: Yes. We provide free samples depending on product size, inventory availability, and project assessment.

Q3: What is the typical lead time for AMS4928 Ti alloy forgings?

A: We offer flexible delivery schedules tailored to your needs. Typical lead times range from 2 to 4 weeks, depending on order quantity and customization complexity.

**Baoli Zecheng Metal Materials Co., Ltd.**