

Titanium Threaded Tube Customization

As a leading **Titanium Threaded Pipes Manufacturer**, our advanced threading techniques and surface treatment processes ensure the stability of the connections and sealing properties of the **Titanium Tubes**, effectively preventing common issues such as corrosion, galling, and cracking that occur with traditional metal components. This significantly extends the product lifespan and reduces maintenance costs.

1. Reliable Sealing Connections

Provides strong mechanical engagement, ensuring leak-free operation even in high-pressure and vibration environments. The modular design makes installation, maintenance, and replacement easier.

2. Exceptional Corrosion Resistance

Inherits titanium's superior resistance to chlorides, seawater, and acidic media, solving corrosion issues commonly found in traditional metal threads. The specially treated threads offer the same corrosion resistance as the tube body.

3. High Strength and Lightweight

Titanium's excellent strength-to-weight ratio maintains high strength while reducing weight, making it ideal for weight-sensitive applications. Its toughness also reduces the risk of thread damage.

4. Gall-Free Performance

Special surface treatments significantly reduce the risk of galling, ensuring smoother installation.

5. Long Lifespan and Low Maintenance

Our **Threaded Titanium Pipes** have a longer lifespan and a lower failure rate in corrosive environments, resulting in reduced maintenance costs and total ownership costs

Name	Titanium Threaded Tube / Titanium Threaded Pipe
Standards	ASTM B338, ASTM B861, ASTM B862, etc.
Grades	Gr1, Gr2, Gr5, Gr7, Gr9, Gr12
Dimensions	OD: 10-200mm, WT: 0.5~20mm, L: 1000-15000mm (Seamless)
	OD: 10-1000mm, WT: 0.5-25mm, L: 1000-3000mm (Welded)

Thread Types	Metric, Imperial, NPT, BSPT, etc.
Thread Specifications	External threads, Internal threads
Thread Standards	ANSI/ASME, DIN, JIS, GB, or Custom per Drawing
Thread Length	Customized based on customer design
Surface Treatment	Pickling, Bright Annealing, Specific Oxidation
Typical Applications	Heat Exchangers, Filtration & Screening Systems, Chemical Pipelines & Equipment, Marine Engineering & Shipbuilding

Material Guarantee

We provide complete material certificates (MTC) traceable to the raw material batch.

Thread Accuracy

100% inspection using thread gauges ensures interchangeability and sealing integrity.

Dimensional Inspection

We use precision measuring tools to strictly control critical dimensions.

Surface Inspection

We ensure that both the threads and tube body are free from cracks, burrs, and other defects.

Optional Non-Destructive Testing

Eddy current testing, hydrostatic testing, and other services are available upon request.

Get Your Custom Solution & Quote

Zecheng Metal is your trusted Titanium Pipe Supplier. As a professional **Titanium Threaded Tube Supplier**, we have complete control from raw materials to precision machining, enabling us to provide optimal solutions tailored to your specific needs.

[Contact us](#) now for the following services:

- Free technical consultation and selection guidance
- Fast quotes based on your drawings/requirements