

TOP ADVANTAGES OF TITANIUM AIRCRAFT SCREWS

Shen Zhen Long Hung Titanium Ltd.

Shenzhen Long Hung Titanium Ltd. is a trusted titanium screw manufacturer dedicated to delivering top-quality fasteners and components for diverse industries.

ULTRA-LIGHTWEIGHT STRENGTH

- Titanium offers high strength-to-weight ratio—reducing aircraft weight without compromising safety.
- Improves fuel efficiency and overall flight performance.



1

2



CORROSION & HEAT RESISTANCE

- Resistant to oxidation, saltwater, and extreme temperatures.
- Ideal for high-altitude and marine aerospace environments.

LONG-TERM DURABILITY

- Exceptional fatigue resistance ensures long-lasting reliability.
- Reduces maintenance and replacement costs.



3

4



HIGH COMPATIBILITY & NON- MAGNETIC

- Safe for use with composite and metal aircraft materials.
- Non-magnetic properties prevent interference with avionics.

ECO-FRIENDLY & RECYCLABLE

- 100% recyclable material supporting sustainable aerospace manufacturing.



5

Titanium Aircraft Screws: Engineered for Performance

When aerospace applications demand nothing but the best, our [Titanium Aircraft Screws](#) deliver. At [Shen Zhen Long Hung Titanium Ltd.](#), we combine advanced materials, precision manufacturing, and aerospace-grade quality to offer fastening solutions that meet the most stringent requirements.

Why Titanium Aircraft Screws Are a Game-Changer?

- [Superior Strength-to-Weight Ratio](#)

Titanium alloys provide strength comparable to high-grade steels while reducing weight significantly. This makes our Titanium Aircraft Screws an ideal choice where every gram counts in flight performance and fuel efficiency.

- [Outstanding Corrosion & Temperature Resistance](#)

Titanium's natural protective oxide layer offers exceptional corrosion resistance—even in salt, moisture, or chemical environments. Additionally, it maintains structural integrity across extreme temperatures, making these screws perfect for high-altitude, high-stress aerospace service.

- [Excellent Fatigue & Structural Reliability](#)

In aviation, fasteners are subject to repeated cycles of load, vibration, and temperature change. Our Titanium Aircraft Screws deliver high fatigue strength and long service life—minimising maintenance and downtime.

- [Non-Magnetic and Compatible with Advanced Materials](#)

Titanium screws are non-magnetic, making them suitable for avionics-sensitive regions, composite assemblies, or hybrid metal-composite structures found in modern aircraft.

- [Eco-Conscious & High Value](#)

Beyond performance, titanium is recyclable and supports sustainable aerospace manufacturing. Choosing our Titanium Aircraft Screws means investing in long-term reliability and reduced lifecycle cost.

Why Choose Shen Zhen Long Hung Titanium Ltd.?

[Shen Zhen Long Hung Titanium Ltd.](#) is a trusted manufacturer specializing in high-performance [Titanium Aircraft Screws](#) and precision titanium fasteners. With advanced technology, strict quality control, and aerospace-grade standards, we deliver lightweight, durable, and corrosion-resistant solutions for aviation and industrial applications worldwide, ensuring superior strength and reliability in every product.

For more details about the company

Company Name: Shen Zhen Long Hung Titanium Ltd.

Address: Room 1101, 1B, Shanhai Shangcheng, Baoan, Shenzhen, Guangdong, China 518000

Contact Phone: +86 13692146104

Contact Name: Mr. LI Sheng

Contact Email: 2yyzz@21cn.com

Website: <https://www.longhungti.com/>

Thank You