

TITANIUM

Introduction

Jiangsu Tiangong Titanium Industry Technology Co., Ltd was invested and founded by Jiangsu Tiangong Tools Co., Ltd and Danyang Tianfa precise Forging Co., Ltd in January, 2010, which mainly manufactures and sell titanium and titanium alloy, and is located in Lingang industrial park in Xiashu town, Jurong, Jiangsu.

Due to its light weight, high specific strength, corrosion resistance nonmagnetism, good performance at high and low temperature low damping and good biocompatibility, as well as superconductivity, shape memory and hydrogen storage, titanium and its alloy, whose performances are much superior to all special steels, aluminium alloy and any other alloy, are extensively used in aerospace, ships, ocean engineering, chemical industry, electric power, medical treatment and sports leisure and so on. Moreover they are also called space metal and ocean metal, which are considered as sophisticated and strategic materials.

Titanium is the modern metallic material, and is essential for new technology, The higher social modernized degree is, the bigger the dosage of the material is.

With the rise of China's manufacturing and the unceasing development of Chinese aviation industry, as well as the enhancement of the national living standards, China's titanium material consumption ascends day by day, and China's big airplane project has injected the stimulant into the titanium industrial enterprise undoubtedly, therefore, the titanium industry is a good non-ferrous metal project, which has a promising market.

Tiangong starts to invest the modern equipments for titanium and the titanium alloy, fully making used of the similarities of titanium processing and special steel processing, so Tiangong has advantage in producing titanium alloy bars, Furthermore, Tiangong will holds share with an upstream enterprise which manufactures sponge titanium, and a downstream enterprise of manufacturing titanium and titanium alloy seamless tubing, and the product mainly are forging materials and rolled products, with the specification from 8-200mm. On the other hand, we plan to build up Tiangong Titanium Industry into a chained enterprise which produces ingots, slabs and tubular products in 5 years, making it a brand enterprise in China.



Titanium

Ingot casting
Titanium Bar
Titanium Sheet
Titanium Tube



INGOT CASTING : The titanium bar we offer are using the domestic high-quality sponge as a raw material, forging and machining processes, products in full compliance with GB/T2965, ASTM B348 standard, chemical composition uniform and mechanical properties stable, meeting the user's application requirements. Products used in various types of titanium and titanium alloy tube manufacturers for hot-rolling, but also the chemical industry, energy, medical equipment and other related industries, typical applications: Titanium and titanium alloy bar for hot-rolling: composite rod with bar (the compound of titanium rods, etc.); Medical devices and surgical implants; Titanium and titanium alloys standard parts (screws, nuts, etc.) Leisure Products (golf success, etc.)

| Commodity name | Designation number | Dimensions (mm) | Carries out the standard |
|----------------|---|-----------------|--------------------------------|
| Ingot casting | TA1-TA3, TA5-TA7, TA8-TA9, TA10, TC1-TC2, TC3-TC4, TC9, TC10, Gr1-Gr5, Gr7, Gr9, Gr11, Gr12, Gr13 | Φ300 - Φ600 | A9TM, JIS, AMS, MIL, GB/T36201 |



TITANIUM BAR: The titanium bar we offer are using the domestic high-quality titanium sponge as a raw material, strictly control and quality such as ingot, forging and machining processes, products in full compliance with GB/T2965, ASTM B348 standard, chemical composition Uniform and mechanical properties stable, meeting the user's application requirements. Products used in various types of titanium alloy tube manufacturers for hot-rolling, but also the chemical industry, energy, medical equipment and other related industries, typical applications: Titanium and titanium alloy bar for hot-rolling: composite rod with bar (the compound of titanium rods, etc.); Medical devices and surgical implants; Titanium and titanium alloys standard parts (screws, nuts, etc.) Leisure Products (golf success, etc.)

| Commodity name | Designation number | Dimensions (mm) | Carries out the standard |
|----------------|---|-----------------|--|
| Titanium Bar | TA1-TA3, TA5-TA7, TA8-TA9, TA10, TC1-TC2, TC3-TC4, TC9, TC10, Gr1-Gr5, Gr7, Gr9, Gr11, Gr12, Gr13 | Φ8 - Φ600 | A9TM, JIS, AMS, MIL, GB/T2965, GB/T13810 |



TITANIUM SHEET: The titanium sheet we offer are using the domestic high-quality titanium sponge as a raw material, strictly control the quality from raw materials selection, ingot, billet to forging rolling processes, products in full compliance with GB/T3621, ASTM B265 standard, related technical indicators have reached the advanced level in the industry, meeting the user's application requirements.

Product are widely used in petrochemical, salt, offshore industry, energy generation and other industries, typical applications include: Various types of titanium equipment; Ion-exchange membrane, divide slot; Titanium anodes of boards, basket; Leisure Products (Titanium Case, first-class golf); Used with other metals (copper) composite sheet; Titanium and titanium alloys in construction board.

| Commodity name | Designation number | Dimensions (mm) | Carries out the standard |
|----------------|--|-------------------------------------|--------------------------------|
| Titanium Sheet | TA1-TA3, TA5-TA7, TA8-TA9, TA10, TC3-TC4, TC9, TC10, Gr1-Gr5, Gr7, Gr9, Gr11, Gr12 | (0.5-60) x (400-2000) x (1000-3000) | ASTM, JIS, GB/T3621, GB/T14845 |



TITANIUM TUBE: Our company used high quality titanium rods as raw materials, strictly according to the production quality control standards, products in full compliance with GB/T3624, GB/T3625, ASTM B337, ASTM B338 standard, related technical indicators have reached the advanced level in the industry, meeting the user's application requirements.

Products are widely used in petrochemical, salt, offshore industry, energy generation and other industries, typical applications include: Heat exchangers and condensers; All kinds of corrosive fluid transmission pipeline system; Titanium bicycle tube, automobile exhaust pipe; offshore aquaculture.

| Commodity name | Designation number | Dimensions (mm) | Carries out the standard |
|----------------|--|-----------------------------------|------------------------------------|
| Titanium Tube | TA1-TA3, TA5-TA7, TA8-TA9, TA10, Gr1-Gr2, Gr7, Gr9, Gr11, Gr12 | (6-120) x (0.5-10) x (1000-15000) | ASTM, AMS, JIS, GB/T2624, GB/T3625 |