



## Gr5 ELI Polished Titanium Rod ASTM F67 For Medical

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: CDX
- Certification: ISO9001:2015 certification
- Model Number: CDX-TB-2021-21
- Minimum Order Quantity: 50kg
- Price: Negotiable
- Packaging Details: plywood case
- Delivery Time: 5-35days
- Payment Terms: L/C, T/T
- Supply Ability: 50000 kg per month



### Product Specification

- Standard: ASTM F136、ASTM F67 ELI
- Application: Medical Use
- Item: Gr.5 Eli Polished Medical Titanium Rod  
ASTM F67 ELI For Medical Use
- Product Name: ASTM F136 Ti6Al4V-Eli Titanium Rod Bars  
For Medical Use ELI
- Key Word: Titanium Bar,titanium Rod,Titanium Grade 5  
Round Bar
- Polished Surface: Polished Surface (H11, H9, H8)
- Highlight: **Gr5 Eli Polished Titanium Rod,  
Titanium Industrial Bar ASTM F67,  
Medical Pure Titanium Bar**



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## Product Description

Gr.5 Eli Polished Medical Titanium Rod ASTM F67 ELI For Medical Use

Item Name	ASTM F136 Ti6Al4V-Eli Titanium rod bars for medical use ELI
Application	medical use
Type	GR1, GR5, 6AL4V Eli, GR23
Standard	ASTM F136,ASTM F67 ELI
Certificate	ISO 9001:2008
Manufacturing process:	Hot forging hot rolling turning (polishing)
Supply Ability	10 Tons per Month

Gr.5 titanium cake, pure titanium forging, titanium block, Gr.5 titanium forging\_ Titanium and titanium alloy bars are processed according to the drawing, with large quantity and low price

Grade: GR1, GR2, GR3, GR5, GR7, GR12

GB: GB/T2965-2007, GB/T13810, Q/BS5331-91

American standard: ASTM B348, ASTM F136, ASTM F67, AMS4928

### 1, Reference standards

1: GB 228 Metal Tensile Test Method

2: GB/T 3620.1 Titanium and Titanium Alloy Number and Chemical Composition

3: GB/T3620.2 Chemical Composition and Allowable Deviation of Titanium and Titanium Alloy Processed Products

4: GB 4698 Methods for Chemical Analysis of Sponge Titanium, Titanium and Titanium Alloys

### 2, Technical requirements for medical titanium rods

1: The chemical composition of titanium and titanium alloy bars shall comply with the provisions of GB/T 3620.1. When repeated inspection is required, the allowable deviation of chemical composition shall comply with the provisions of GB/T 3620.2.

2: The diameter or side length of hot worked titanium bar and its allowable deviation shall comply with the provisions in Table I.

3: After hot processing, after turning (grinding) titanium bars and cold rolling, the allowable diameter deviation of cold drawn titanium bars shall comply with the provisions in Table II.

4: The out of roundness of the turned (ground) titanium bar after hot working shall not exceed half of its dimensional tolerance.

5: The unfixed length of titanium bars in the processing state is 300-6000mm, and the unfixed length of bars in the annealing state is 300-2000mm. The fixed length or multiple length shall be within the range of unfixed length. The allowable deviation of fixed length is +20mm; The multiple length shall also be included in the cut amount of the bar, and each cut amount shall be 5mm. The fixed length or multiple length shall be indicated in the contract.

### Medical titanium rod

Specification: rolled 8.0 --- 40mm × L; Forged 40 --- 150mm × L

Metallographic structure of titanium rod for titanium: the grain size of pure titanium is not less than 5, and TC4 titanium alloy conforms to A1-A9

Titanium rod surface: black leather surface, polished surface, polished surface (H11, H9, H8)

Performance of medical titanium rod (refer to GB/T13810-2007, ASTM F67/F136).

Main brand: TA1 TA2 TA3 TA4 TA5 TA6 TA9 TA10 TC1 TC4 TC6 TC11 GR.1 GR.2 GR.3 GR.4 GR.5 GR.7 GR.12 Ti-6AL-4V

Supply status: annealed (M) cold working (Y) hot working (R)

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**TABLE 2 Product Analysis Tolerance<sup>A</sup>**

Element	Tolerance Under the Minimum or Over the Maximum Limit (Composition %) <sup>B</sup>
Nitrogen	0.02
Carbon	0.02
Hydrogen	0.0020
Iron	0.10
Oxygen	0.02
Aluminum	0.40
Vanadium	0.15

<sup>A</sup> See AMS 2249.

<sup>B</sup> Under minimum limit not applicable for elements where only a minimum percentage is indicated.









**Q: Why choose us?**

**A1: We have 14 years experience for titanium products making.**

**A2: sample order is acceptable.**

**A3: lower price, good quality and short delivery time.**

**A4: 24 hours online service & quickly quote and delivery.**

**A5: ISO9001:2015 certification**


**A6: Give us drawing, make your drawings and ideas become a reality!**

**A7: Provide third-party quality inspection reports. quality assurance**

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