



Gr.5 Polished 12mm Titanium Rod ASTM F67 ELI For Medical Use

Our Product Introduction

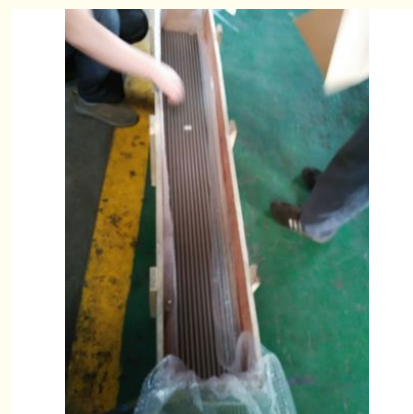
Basic Information

- Place of Origin: China
- Brand Name: CDX
- Certification: ISO9001:2015 certification
- Model Number: CDX-TB-2021-11
- 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

- Grade: Gr.5 Ti6Al4V Grade 1 Grade 2
- Product Name: ASTM F136 Ti6Al4V-ELI Titanium Rod Bars For Medical Use ELI
- Standard: ASTM F136、ASTM F67 ELI
- Application: Medical Use
- Diameter: As Order
- Length: Random Or As Order
- Surface: Polished, Polishing
- Weight: Actual Weight
- Size: 12mm, Customized
- Highlight: **ASTM F67 12mm Titanium Rod,
Gr.5 12mm Titanium Rod,
12mm Polished Titanium Rod**



More Images



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Product Description

Gr.5 Polished 12mm Titanium Rod ASTM F67 ELI For Medical Use

Industrial titanium bar use:

ASTM B348 (Grade 1-38)

Medical titanium rod use:

ASTM F67 (Grade 1-4), ASTM F136 (Grade 5, Grade 23)

Military and Aerospace titanium bar titanium rod use:

AMS4911/4928 (Grade 1-38)

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

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TABLE 1 Chemical Requirements

Element	Composition ^A , % (mass/mass)			
	Grade 1 UNS R50250	Grade 2 UNS R50400	Grade 3 UNS R50550	Grade 4 UNS R50700
Nitrogen, max	0.03	0.03	0.05	0.05
Carbon, max	0.08	0.08	0.08	0.08
Hydrogen, max ^B	0.015	0.015	0.015	0.015
Iron, max	0.20	0.30	0.30	0.50
Oxygen, max	0.18	0.25	0.35	0.40
Titanium	balance	balance	balance	balance

^A Forgings are designated Grade F-1, F-2, F-3, or F-4 respectively. Forging compositions are as specified in Table 1.

^B Maximum hydrogen content for billet is 0.0100 wt%.

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TABLE 2 Product Analysis Tolerance^A

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

^A See AMS 2249.

^B 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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