



## Gr1 Gr2 Titanium Bar Stock 2.5mm Diameter Round Shape With Acid Resistance

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: CDX
- Certification: ISO9001:2015 certification
- Model Number: CDX-TB-2021-41
- 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

- Key Words: Titanium Alloy Bar Gr1 Gr 2 Grade 5 Pure Titanium Bar / Rod Stock
- Diameter: 2.5mm. 3mm. 5mm 15mm. 55mm , 95mm Etc.
- Technique: Rolled Forged And Machined
- Surface: Bright
- Application: Industrial, Medical, exhaust Hanger
- Material: Titanium Alloy, pure Titanium & Titanium Alloy, Grade 2, GR1 GR2 GR5 GR7
- Advantage: Light Quality, High Strength, Anticorrosive, Shape Memory Alloy, Corrosion Resistance, acid And Base Resistance
- Highlight: **Gr1 Titanium Bar Stock, 2.5mm Titanium Bar Stock, Gr2 Titanium Round Stock**



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## Product Description

Titanium Alloy Bar Gr1 Gr 2 Grade 5 Pure Titanium bar / rod stock

Titanium bar (rods) are commonly used in manufacturing today, with the most popular grades being Grade 2 and Grade 5.

### Product Description

Standard	GB/T 2965-2007, GB/T13810-2007, ASTM B348/ASME SB348, ASTM F67, ASTM F136, ISO-5832-2(3), AMS4928, MIL-T-9047, JIS etc
Grade	GR1/GR2/GR3/GR5/GR7/GR9/GR12
Diameter	1-200mm,customizable
Length	50mm-6000mm,customizable
Technique	Hot Forging & Hot Rolling
Surface	Bright
Shape	Round, flat, square, hexagonal
Application	Metallurgy, electronics, medical, chemical, petroleum, pharmaceutical, aerospace, etc.
Delivery time	3~7days





### Chemical Composition

Grade	N	C	H	Fe	O	Al	V	Pa	Mo	Ni	Ti
Gr1	0.03	0.08	0.015	0.2	0.18	/	/	/	/	/	bal
Gr2	0.03	0.08	0.015	0.3	0.25	/	/	/	/	/	bal
Gr3	0.05	0.08	0.015	0.3	0.35	/	/	/	/	/	bal
Gr4	0.05	0.08	0.015	0.5	0.4	/	/	/	/	/	bal
Gr5	0.05	0.08	0.015	0.4	0.2	5.5~6.75	3.5~4.5	/	/	/	bal
Gr7	0.03	0.08	0.015	0.3	0.25	/	/	0.12~0.25	/	/	bal
Gr9	0.03	0.08	0.015	0.25	0.15	2.5~3.5	2.0~3.0	/	/	/	bal
Gr12	0.03	0.08	0.015	0.3	0.25	/	/	/	0.2~0.4	0.6~0.9	bal

### Tensile Requirements

Grade	Tensile strength(min)		Yield Strength(min)		Elongation(%)
	ksi	MPa	ksi	MPa	
Gr1	35	240	20	138	24
Gr2	50	345	40	275	20
Gr3	65	450	55	380	18
Gr4	80	550	70	483	15
Gr5	130	895	120	828	10

Titanium and titanium alloys are very important lightweight structural materials. They have very important application value and broad application prospects in the fields of aviation, aerospace, vehicle engineering, biomedical engineering and so on.

**Welcome to contact us for detail.**



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