



## Astm B265 Medical Titanium Alloy Plate Gr23 With Heat Resistance ISO 9001:2008

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: CDX
- Certification: ISO9001:2015 certification
- Model Number: CDX-TB-2021-15
- Minimum Order Quantity: 10kg
- 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 Word: Titanium Plate Gr2 Titanium Sheet Astm B265 Titanium Alloy Plate Gr5
- Standard Size: 1000\*2000mm
- Size Customized: Support
- Standard: ASTM B265, ASME SB265, ASTM B265, GB/T 3621-2007, DIN 17860-90
- Thickness: 0.3-60mm
- Shape: Round, Square, Round square, Rectangular, etc.
- Length: 6000mm, 500~6000mm, customized
- Grade: Titanium, Gr1, Gr5, 23
- Weight: 4.51g/cm<sup>3</sup>, Actual Weight
- Highlight: **Astm B265 Titanium Alloy Plate, Gr23 Titanium Alloy Plate, ISO 9001:2008 Medical Titanium Alloy**



### More Images



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## Product Description

titanium plate gr2 titanium sheet astm b265 titanium alloy plate gr5

Item Name	GR5 GR7 Ti Plates and Sheets Titanium Alloy Titanium Foil
Application	Metallurgy, electronics, petroleum, aerospace Industry, Medical, Surgical plant, Aerospace, Chemical industry Electronic industry Mechanical engineering
Type	GR1, GR2, GR3, GR4, GR5, 6AL4V Eli, GR7, GR9, GR12, GR23,TB3, TB6, TC4, TC6, TC11, TC17, TC18
Standard	ASTM B265, AMS4911, AMS4911H, ASTM F136, ASTM F67 GB/T3621-2007
Specification	Hot Rolling: Length 1000-4000mm,Width 400-3000mm,Thickness 4.1-60mm
	Cold Rolling :Length 1000-3000mm,Width 400-1500mm,Thickness 0.3-3.0mm
Certificate	ISO 9001:2008
Supply Ability	10 Tons per Month
Delivery	Within 5~35 days
Grade	Grade 1: Pure Titanium, relatively low strength and high ductility.
	Grade 2: The pure titanium most used. The best combination of strength, weldability.
	Grade 3: High strength Titanium, used for Matrix-plates in shell and tube heat exchangers.
	Grade 5: The most manufactured titanium alloy. Exceedingly high strength. high heat resistance.
	Grade 7: Superior corrosion resistance in reducing and oxidizing environments.
	Grade 9: Very high strength and corrosion resistance.
	Grade 12: Better heat resistance than pure Titanium. Applications as for Grade 7 and Grade 11.
	Grade 23: Titanium-6Aluminum- 4Vanadium ELI. Alloy for surgical implant application.







Grades	C max	O max	H max	Fe max	Al	V
Grade1	0.08	0.18	0.015	0.20	/	/
Grade2	0.08	0.25	0.015	0.30	/	/
Grade5	0.08	0.20	0.015	0.40	5.50~ 6.75	3.50~ 4.50
Grade 12	0.08	0.25	0.015	0.30	/	/

ASTM B265 Commonly used grades Mechanical Properties (%):

Grades	Yield Point Mpa (N/mm2)	Tensile Strength Mpa (N/mm2)	Elongation% min
Grade1	138~ 310	242	24
Grade2	276~ 448	345	20
Grade5	828	897	10
Grade 12	345	483	18

#### Size:

Thickness:5~100mm, Width:1200~2500mm, length:3000~10000mm

**Appliation:**Used in: aerospace, military advisor, industrial processes, automotive, agri-food, medicine, etc.

#### Unalloyed Titanium grades:

Grade 1,Grade 2,Grade 3,Grade 7,Grade 11 (CP Ti-0.15Pd),Grade 16,Grade 17,Grade 26,Grade 27

Titanium Based Alloys grades:

Grade 5(Ti-6Al-4V),Grade 9 ( Ti 3Al-2.5V),Grade 12 (Ti-0.3-Mo-0.8Ni),Grade 19 (Ti Beta C),Grade 23 (Ti 6Al-4V ELI),Grade 28

Grades of supply:Gr1 ,Gr2 ,Gr5,Gr12

ASTM B265 Commonly used grades Chemical Composition:

### ASTM B265 titanium and titanium alloy sheet

ASTM B265 covers annealed titanium and titanium alloy strip, sheet, and plate. ASTM B265 Ti and Ti-based alloy plates are widely used in the equipment for high-temperature environment, including aircraft equipment, petroleum and petrochemical, biomaterial, ocean and chemical industry, for example: blade, storage tank, target, tube and heat-exchanger equipment.

Usually we provide a quality inspection report with the goods, which shows the chemical composition and physical properties



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