

Grade 11 Titanium bar

Composition: Ti-0.2Pd

Origin: Baoji, China

Standard: ASTM B348, ASME SB348

Diameter or cross-section thickness: Φ 3mm- Φ 600mm

Length (mm): 100-6000

Product Introduction

Grade 11 titanium alloy bars, also known as Ti-0.2Pd titanium rods, are chemically similar to Grade 1 titanium rods, with only a small amount of palladium added to improve its corrosion resistance, forming an alloy. This enhanced corrosion resistance is particularly suitable for preventing crevice corrosion and reducing acid attack in chloride environments. The Grade 11 titanium rods provided by our company have the characteristics of high strength, excellent cold-forming ability, good impact toughness, and excellent welding performance.

Ti-0.2Pd Titanium Bar Specifications

Finish	machine polishing, grinding polishing, sandblasting, etc.
Application fields	marine applications, desalination, chlorate manufacturing, chemical processing
Delivery Status	hot working state (R), cold working state (Y), annealing state (M)
Custom shapes	Grade 11 Titanium round bar, Grade 11 Titanium square bar, Grade 11 Titanium rectangular bar and more
Custom sizes	beyond standard diameters and lengths
Tailored processing	based on your application and standards
Delivery Time	We promise to complete production and arrange shipment in the shortest possible time after receiving your order. The specific delivery time will depend on your order quantity, customization complexity, and current production schedule.

Chemical Composition – Grade 11 Titanium (Ti-0.2Pd)

Composition	C	O	N	H	Fe	Pd	Other Elements (Max Each)	Other Elements (Max Total)	Ti
Min	--	--	--	--	--	0.12	--	--	balance
Max	0.08	0.18	0.03	0.015	0.20	0.25	0.1	0.4	

Why Buy Grade 11 Titanium Bar from Us?

Custom Grade 11 Titanium Rods tailored to your specifications

Manufacturer direct supply for competitive pricing

Grade 11 Titanium Bar Free Sample available for quality evaluation

Large stock inventory to support urgent orders

Fast and reliable delivery based on your order volume and customization needs

As a professional Grade 11 Titanium Rods manufacturer in Baoji, China, we ensure strict quality

control and full compliance with ASTM B348 and ASME SB348 standards.

Grade 11 vs Grade 7 Titanium Bar – Key Differences

Property	Grade 11 Titanium Alloy Bar	Grade 7 Titanium Bar
Alloy Type	Ti+0.12-0.25%Pd	Ti+0.12-0.25%Pd
Base Grade	Pd-alloyed Grade 1	Pd-alloyed Grade 2
Corrosion Resistance	Excellent crevice corrosion resistance	Excellent chloride corrosion resistance
Tensile Strength	≥240 MPa (35 ksi)	≥345 MPa (50 ksi)
Yield Strength	≥138 MPa (20 ksi)	≥275 MPa (40 ksi)
Elongation	≥24%	≥20%
Formability	Exceptional	Very good
Oxygen Content	≤0.18%	≤0.25%
Typical Use	Maximum formability & corrosion resistance	Balanced strength & corrosion resistance

In simple terms:

You can think of Grade 7 as the standard-strength titanium-palladium alloy, while Grade 11 is the ultra-formable, corrosion-focused titanium-palladium alloy.

Frequently Asked Questions About Ti-0.2Pd Titanium Bar

Q1: How can you buy Ti-0.2Pd Titanium Bar ?

You can contact us by **email, phone, or WhatsApp**. Our sales team will guide you on specifications, sizing, and delivery options.

Q2: Are you a Grade 11 Titanium Rods factory?

Yes. We are a professional titanium bar manufacturer located in **Baoji, China**, supplying China Grade 11 Titanium Bar directly from our production facility.

Q3: Do you have Ti-0.2Pd Titanium Bar in stock?

Yes, we maintain sufficient inventory for common sizes to meet urgent requirements. Please contact us to check current stock availability.