Titanium Grade 2 Bar - ASTM B348

Typical Applications

Acetabular cups

Brackets

Condensors

Cryogenic vessels

Jigs

Cathodes

Titanium Grade 2 is a commercially pure form of titanium. It is widely used because it combines excellent formability and moderate strength with superior corrosion resistance.

This combination of properties makes Grade 2 titanium ideal for a large variety of chemical and marine as well as aerospace and medical applications.

Related Products

6246

6Al4V Bar

6Al4V Sheet

Grade 1 Sheet Plate

Grade 2 Bar

Grade 2 Sheet Plate

Grade 2 Tube Welded

Grade 3 Sheet Plate

Grade 4 Bar

Grade 4 Sheet Plate

Grade 9 Tube

6AL4V

Technical specification

Related Specifications - Bar & Tube

ASTM B348

ASTM F67

AMS T 9047

NACE MR01-75

UNS R50400

W.Nr 3.7034

Technical specification

Related Specifications - Plate & Sheet

ASTM B265

ASME SB-265

TA2

AMS 4902

UNS R50400

W.Nr 3.7034

AMS T 9046

Chemical Composition (WT %)

	Min	Max
C	-	0.08
N	-	0.03
O	-	0.250
Ti	-	Bal
Fe	-	0.30
H	-	0.015
Other	-	0.40

Typical Mechanical Properties in the Annealed condition

0.2% Proof Stress	MPA	Min	275
Tensile Strength	MPA	Min	345
Elongation	%	Min	20
Reduction of Area	%		30

Hardness	HRC	80

Need more information? ***Get in touch***

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