AMS 4921, Titanium Grade 4 Bar

Typical Applications

Aerospace Components

Cryogenic vessels

Hydrometallurgy

Medical and Dental devices

Titanium Grade 4 is a commercially pure form of titanium and has the highest strength of all the commercially pure titaniums.

It has excellent corrosion resistance in a wide variety of environments. Grade 4 (ASTM B348, AMS 4921, UNS R50700) can be found in aerospace, medical and industrial applications where high strength is needed.

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

Technical specification

Related Specifications

ASTM B348

TA 7

AMS 4921

ASTM F67

UNS R50700

Mil T 9047

Specific Gravity

4.51 g/cm3

Chemical Composition (WT %)

	Min	Max
C	-	0.08

N	-	0.05
O	-	0.40
Ti	-	Bal
Fe	-	0.50
H	-	0.015
Other	-	0.40

Typical Mechanical Properties in the Annealed condition

0.2% Proof Stress	MPA	483
Tensile Strength	MPA	552
Elongation	%	15
Reduction of Area	%	25
Hardness	HRB	100

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

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Useful Links

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