

AMS 4944, AMS 4945 - Titanium Grade 9 Tubing

Typical Applications

Hydraulic Systems

Fuel Systems

Bicycle Frames

Sports Equipment

Titanium 3AL2.5V is intermediate in strength between unalloyed Titanium and Titanium 6AL4V.

It is generally used in the cold worked and stress relieved condition. (AMS 4944, AMS 4945, UNS R56320, ASTM B338)

Technical specification

Related Specifications

AMS 4943

AMS 4944

AMS 4945

UNS R56320

ASTM B338

Specific Gravity

4.484 g/cm³

Chemical Composition (WT %)

	Min	Max
Al	2.5	3.5
V	2.0	0.30
Fe	-	0.30

N	-	0.02
O	-	0.12
C	-	0.05
H	-	0.0125

Typical Mechanical Properties in the Annealed Condition

			Ann	CWSR
0.2% Proof Stress	MPA	Min	515	725
Tensile Strength	MPA	Min	620	860
Elongation	%	Min	15	10

Need more information? **Get in touch**

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