

## TITANIUM GRADE 9 TUBING

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)

<b>Specific Gravity</b>							
4.484 g/cm <sup>3</sup>							
<b>Typical Applications</b>				<b>Related Specifications</b>			
Hydraulic Systems				<b>AMS 4944</b>			
Fuel Systems				<b>AMS 4945</b>			
Bicycle Frames				<b>UNS R56320</b>			
Sports Equipment				<b>ASTM B338</b>			
<b>Chemical Composition (Wt %)</b>							
	Al	V	Fe	N	O	C	H
<b>Min</b>	2.5	2.0	–	–	–	–	–
<b>Max</b>	3.5	3.0	0.30	0.02	0.12	0.05	0.0125
<b>Typical Mechanical Properties</b>							
	0.2% Proof Stress	Tensile Strength	Elongation				
	MPA	MPA	%				
	Min	Min	Min				
<b>Ann</b>	515	620	15				
<b>CWSR</b>	725	860	10				

\* This data has been supplied in good faith and is indicative only. It has been provided for general information purposes only and is not to be relied upon in place of the full specification. Mechanical properties can vary considerably with different supply conditions such as heat treatment or temper and product dimensions.

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## General Enquiries

T: +44 (0) 1525 217 556 [\(tel:+4401525217556\)](tel:+4401525217556)

E: [sales@dynamicmetalsltd.com](mailto:sales@dynamicmetalsltd.com) [\(mailto:sales@dynamicmetalsltd.com\)](mailto:sales@dynamicmetalsltd.com)



## UK Address:

### *Head Office*

40 Eden Way  
Chartwell Business Park  
Leighton Buzzard  
Bedfordshire  
LU7 4FY

T: +44 (0)1525 217 556 [\(tel:+441525217556\)](tel:+441525217556)

### *Conversion Centre*

Suite 2 Meadowhall Riverside  
Meadowhall Road  
Sheffield  
South Yorkshire  
S9 1BW

T: +44 (0)1143 030 320 [\(tel:+4401143030320\)](tel:+4401143030320)

### *Registered Office (only)*

The Granary  
Crowhill Farm Ravensden Road  
Wilden  
Bedfordshire  
MK44 2QS

T: +44 (0)1525 217 556 [\(tel:+441525217556\)](tel:+441525217556)



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