

## AMS 4921 - TITANIUM GRADE 4 BAR

Le grade 4 (AMS 4921) est une forme de Titane commercial Pur qui possède la plus haute résistance de tous les Titans Purs. Il a une excellente résistance à la corrosion dans une large variété d'environnements. On retrouve le grade 4 dans les applications aéronautiques, médicales et industrielles où le besoin de haute résistance mécanique est important.

Specific Gravity							
4.51 g/cm <sup>3</sup>							
Typical Applications				Related Specifications			
Aerospace Components Cryogenic vessels Hydrometallurgy Medical and Dental devices				ASTM B348 TA 7 AMS 4921 ASTM F67 UNS R50700 Mil T 9047			
Chemical Composition (Wt %)							
	C	N	O	Ti	Fe	H	Other
Min	–	–	–	–	–	–	–
Max	0.08	0.05	0.40	BAI	0.50	0.015	0.40
Mechanical Properties in the Annealed Condition							
0.2% Proof Stress	Tensile Strength	Elongation	Reduction of area	Hardness			
MPA	MPA	%	%	HRB			
483	552	15	25	100			
* Every effort has been made to ensure that our technical specifications are accurate. However, technical specifications included within Dynamic Metals Ltd should be used as a guideline only and are subject to change without notice.							

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## General Enquiries

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