

TITANIUM GRADE 4 BAR

Le grade 4 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/cm3							
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.							

General Enquiries

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