

TITANIUM GRADE 2 BAR - ASTM B348

Titanium Grade 2 is a commercially pure form of titanium. It is widely used because it combines excellent formability and moderate strength with superior corrosion resistance. This combination of properties makes Grade 2 titanium ideal for a large variety of chemical and marine as well as aerospace and medical applications.

Specific Gravity							
4.51 g/cm3							
Typical Applications				R	elated \$	Specifica	ations
Acetabular cups				ASTN	1 B348		
Brackets				ASTN	1 F67		
Condensors				AMS	T 9047		
Cryogenic vessels				NACE	E MR01	-75	
Jigs				UNS	R50400)	
Cathodes				W.Nr	3.7034		
Chemical Comp	osition	(Wt %)	,				

	С	N	0	Ti	Fe	Н	Other
Min	-	_	_	_	_	_	_
Max	0.08	0.03	0.250	Bal	0.30	0.015	0.40

Typical Mechanical Properties in the Annealed condition

0.2% Proof Stress	Tensile Strength	Elongation	Reduction of area	Hardness
MPA	MPA	%	%	HRB
Min	Min	Min		
275	345	20	30	80

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* 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 purpose and product dimensions.

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Material supplied by Dynamic Metals Ltd may vary significantly from this data but will conform to the relevant and

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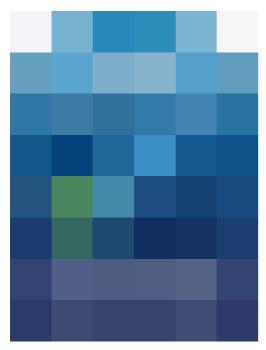
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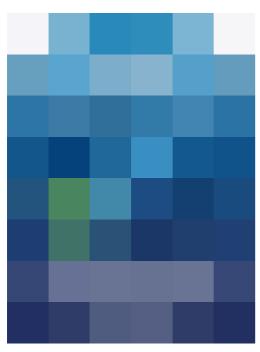
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