

BS TA11, TITANIUM 6AL4V BAR | AMS 4928

BS TA11 TITANIUM 6AL4V BAR

Titanium 6al4v Bar 6AL4V (AMS 4928) is an alpha beta titanium alloy that is heat treatable to achieve moderate increases in strength. It offers a combination of lightweight, high strength, formability and corrosion resistant making 6AL4V very attractive to a number of different applications both in aerospace, motorsport and medical circles.

	Spec	ific Gra	vity						
4.484 g/cm3									
Typical Application	ıs					Relat	ed Spe	cificatio	ons
Medical Implants					AMS	3 26310)		
Turbine Blades					AMS 4928				
Fasteners					AMS 4965				
Motor Racing applications					AMS 4967				
Aircraft Structural Components					AMS 6931				
					AMS STD 2154				
					AMS T 9047				
					AST	ASTM B348			
					BS	BS TA11			
					TA 28				
					ISO 5832-3				
					W.Nr 3.7164/5				
					AST	ASTM F136			
					UNS	UNS R56400			
					MSRR 8652				
					MSF	MSRR 8614			
Chem	nical Co	omposi	tion (W	t %)					
	С	Al	N	О	Ti	v	Fe	Н	Υ
Min	_	5.5	_	_	_	3.50	_	_	-
Max	0.08	6.75	0.05	0.2	Bal	4.50	0.25	0.01	0.005

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Typical Mechanical Properties in the Annealed condition

0.2% Proof Stress	Tensile Strength	Elongation	Reduction of area	Hardness
MPA	MPA	%	%	HRC
Min	Min	Min	Min	
862	900	10	25	36

^{*} 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 properties and the supplied of the full specification. The supplied of the full specification is supplied to the supplied of the full specification. The supplied of the full specification is supplied to the full specification in the full specification is supplied to the full specification. The full specification is supplied to the full specification is supplied to the full specification in the full specification is supplied to the full specification in the full specification is supplied to the full specification in the full specification is supplied to the full specification. The full specification is supplied to the full specification is supplied

General Enquiries

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

E: 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)

Conversion Centre

Suite 2 Meadowhall Riverside Meadowhall Road Sheffield

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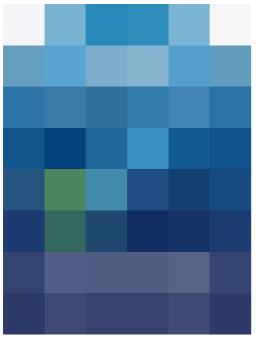
South Yorkshire S9 1BW

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

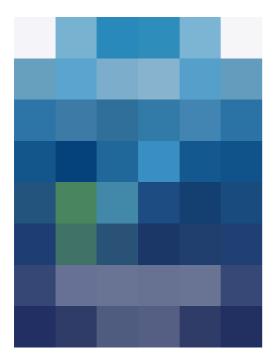
Registered Office (only)

The Granary Crowhill Farm Ravensden Road Wilden Bedfordshire MK44 2QS

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



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