

AMS 4911 - TÔLES TITANE TA6V

Le TA6V (AMS 4911) est un alliage de Titane pouvant être traité pour une amélioration modérée de sa résistance. Il offre une combinaison de légèreté, de haute résistance mécanique, de formabilité et de résistance à la corrosion le rendant très attractif pour de nombreuses applications dans le milieu de l'aéronautique, du sport mécanique et du médical.

Specific Gravity									
4.484 g/cm ³									
Typical Applications					Related Specifications				
Medical Implants Turbine Blades Fasteners Motor Racing applications Aircraft Structural Components					AMS 2631C AMS 4911 AMS STD 2154 Mil T 9046 ASTM B265 TA10 TA56 TA59 UNS R56400 MSRR 8633				
Chemical Composition (Wt %)									
	C	Al	N	O	Ti	V	Fe	H	Y
Min	–	5.5	–	–	–	3.50	–	–	–
Max	0.08	6.75	0.05	0.2	Bal	4.50	0.25	0.01	0.005
Typical Mechanical Properties									
0.2% Proof Stress		Tensile Strength	Elongation	Reduction of area	Hardness				
MPA		MPA	%	%	HRC				
Min		Min	Min	Min					

830	900	8	20	36
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* 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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