

AMS 4911 - 6AL4V LAMIERA IN TITANIO

6AL4V (AMS 4911) è una lega di titanio alfa-beta trattata termicamente per ottenere un moderato aumento della forza. Offre una combinazione di leggerezza, alta resistenza, plasticità e resistenza alla corrosione che lo rendono molto interessante per una serie di applicazioni diverse nei circuiti aerospaziale, sportivi e medici.

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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