

AMS 4944, AMS 4945 - TITANIUM GRADE 9 TUBING

Rura Tytanowa Grade 9

Tytan 3AL2.5V ma wytrzymałość pośrednią pomiędzy czystym tytanem a stopem tytanu 6AL4V. Zazwyczaj jest stosowany w stanie utwardzonym na zimno i odprężonym. (AMS 4944, AMS 4945, UNS R56320, ASTM B338)

Specific Gravity							
4.484 g/cm ³							
Typical Applications				Related Specifications			
Hydraulic Systems				AMS 4944			
Fuel Systems				AMS 4945			
Bicycle Frames				UNS R56320			
Sports Equipment				ASTM B338			
Chemical Composition (Wt %)							
	Al	V	Fe	N	O	C	H
Min	2.5	2.0	–	–	–	–	–
Max	3.5	3.0	0.30	0.02	0.12	0.05	0.0125
Typical Mechanical Properties							
	0.2% Proof Stress	Tensile Strength	Elongation				
	MPA	MPA	%				
	Min	Min	Min				
Ann	515	620	15				
CWSR	725	860	10				

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