

HAYNES[®] Ti-3Al-2.5V alloy

Minimal Mechanical Properties

Condition	Specification	Yield Strength 0.2% Offset		Ultimate Tensile Strength		Elongation*	
		ksi	MPa	ksi	MPa	%	
Annealed	AMS 4943	75.0	517	90.0	621	15	-
							-
CWSR	AMS 4944/4945	105.0	724	125.0	862	8	0.016 in Wall & Bellow
CWSR	AMS 4944/4945	105.0	724	125.0	862	10	Above 0.016 in Wall
CWSR	DAN 2700.9	95.0	655	100.0-133.0	690-920	14	1/4 in Diameter
		106.0	730	126.0-149.0	870-1030	14	3/8 in Diameter
		106.0	730	126.0-149.0	870-1030	16	1/2 to 1 in. Diameter

*2in (50.8 mm) gage length for AMS 4944 and AMS 4945. 1.969 in (50.0 mm) gage length for DAN 2700.9