

Ti-6Al-4V Annealed Bar, ASTM B348 Grade 5

Component Elements Properties					
	Aluminum, Al	Carbon, C	Hydrogen, H	Iron, Fe	Nitrogen, N
Requirement	5.5 - 6.75 %	≤0.080 %	≤0.015 %	≤0.4 %	≤0.05 %
	Other, each	Other, total	Oxygen, O	Titanium, Ti	Vanadium, V
Requirement	≤0.10 %	≤0.40 %	≤0.2%	As Balance	3.5 - 4.5 %
Mechanical Properties					
	Tensile Strength,Ultimate	Tensile Strength, Yield	Elongation at Break	Reduction of Area	Density
Requirement	≥895 MPa	≥828 MPa	≥10%	≥25%	4.43 g/cc