

Ti-6Al-4V (Ti-6%Al-4%V)**Specification:**

ASTM B265 Grade5, ASTM B348 Grade5, ASTM B381 Grade5, ASTM B863 Grade 5,
MIL-T-9046, MIL-T-9047, AMS 4928, AMS 4911, AMS 4906, AMS 4965

Chemical Analysis

Al(%)	6.03
V(%)	4.13
Fe(%)	0.02
C(%)	0.03
N(%)	0.009
H(%)	0.006
O(%)	0.1

Mechanical Properties:

Hardness	36HRC
Tensile Strength Rm (Mpa)	995
Yield Strength Rp0.2 (Mpa)	924
Elongation at Break(%)	14
Reduction of Area(%)	30

Physical Properties

Density	4.43g/cc
Melting Point	1604-1660°C
Elastic Modulus (x10 ⁶ psi)	16.5