



Technical Specifications

Alloy Family Ti6AL4V

DIMENSIONAL

Typical part accuracy* Medium parts
Large parts

Typical surface roughness* Ra <20 µm
Rz <80 µm

DENSITY

Relative Density >99%

Absolute density >4.36 g/cm³

MECHANICAL PROPERTIES

Tensile Strength >900 MPa*

Ultimate tensile strength ASTM E 8M 1140 MPa

Yield strength (Rp 0.2 %) >830 MPa*

Elongation at Break >10%*

E- modulus 110 GPa

Impact Strength 7 - 15 J

Young's modulus 111 GPa

