

Material type

Metal

Material name

Titanium Grade 5 | 3.7164 | Ti6Al4V

Alternative names

3.7164, Ti6Al4V

Process compatibility

CNC machining**Mechanical properties**

Ultimate tensile strength	920 - 1000 MPa
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Yield strength	830 - 880 MPa
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Young's modulus (modulus of elasticity)	113.8 GPa
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Elongation at break	9 - 11 %
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Hardness	334 HB
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Physical properties

Corrosion resistance	Very high
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Magnetism	Low
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Common applications

Aerospace

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