

Material Name: **Titanium Grade 2** / UNS R50400 / 3.7035

Applicable Standards: ASTM B265 / ASTM B348 / ASTM F67 / AMS 4902 / ASTM B338

General Description

Titanium Grade 2 is the most widely used commercially pure titanium grade.

It provides an excellent balance of moderate strength, good ductility, and superior corrosion resistance, suitable for a wide range of industrial applications.

Chemical Composition (Typical, %)

C	O	N	H	Fe	Ti
≤ 0.08	≤ 0.25	≤ 0.03	≤ 0.015	≤ 0.30	Balance

Mechanical Properties (Typical, Annealed)

Tensile Strength	Yield Strength (0.2%)	Elongation
≥ 345 MPa	≥ 275 MPa	≥ 20%

Available Product Forms

- Sheets
- Tubes & Fittings
- Bars & Wires
- Flanges
- Fasteners