

Titan Engineering Pte Ltd

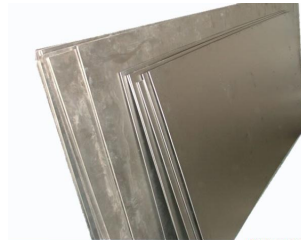
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Titan Engineering Pte Ltd is a Singapore based Supplier of Titanium materials and Titanium parts to the various industries like aerospace component makers, MRO, medical parts, chemical processing industries, power plants, marine industries, and Oil & Gas processing plants.

Our Precision engineering division specializes in manufacturing precision engineering components as per customer's drawings, Titanium Anodes for Electrochemical Industries, Titanium Fasteners, Titanium Shafts, Sleeves and Titanium Gr.5 custom made parts.

Our Range of Titanium Mill Items:

Titanium Commercially pure	Titanium Ti6AL4V	Titanium Bar/Rod
Titanium Sheet, foil	Titanium Plate	Titanium seamless tubes
Titanium Wire	Titanium Fasteners	Titanium Anodes/Electrodes



Value Added Services for Titanium

Chemical Analysis	Saw Cutting	Mechanical Testing	Water-Jet Cutting	Center-less grinding
Ultrasonic Testing	Grinding	Plate Milling	Sizing	Polishing

Please Contact: sales@titanengg.com.sg or call (65) 68537424

Available Grades:

Titanium Grade 1: Uns R50250 (Astm B265)

Commercially Pure Grade 1 is one of the softest and most ductile grades exhibiting the greatest formability. It has excellent corrosion resistance in a wide variety of applications. The applications are mainly used in Marine, Automotive and Medical.

Titanium Grade 2: Uns R50400 (Ams 4902 / Ams 4941 / Ams 4942)

Commercially Pure Grade 2 is slightly stronger than Grade 1 but equally corrosion resistant against most applications. This grade is one of the most common Titanium Grades and is used for Airframe Components, Heat Exchangers, Condenser Tubing & Medical equipment.

Titanium Grade 3: Unalloyed Titanium. High strength, medium oxygen. Main use in shell and tube heat exchangers.

Titanium Grade 4: The highest strength pure unalloyed Titanium. High oxygen, extra high strength. Used in hydraulic and instrumentation tubing.

Titanium Grade 5: Uns R56400 (Ams 4911 / Ams 4920 / Ams 4928 / Astm B265)

Ti-6Al-4V is the most commonly used Titanium Grade, its high strength; lightweight and corrosion resistance enables this grade to be used in many applications. The Industries for which this material is generally used is Aerospace, Marine, Medical and Chemical Processing.

Titanium Grade 7: Uns R52400 (Astm B265)

Commercially Pure Grade 7 is very similar to Grade 2 but with a Palladium content. This content enables this material to be used in very low Temperatures. Applications are Power Generation and Chemical Processing.

Titanium Grade 9: Uns R56320 (Astm B265 / Ams 4943 / Ams 4944 / Ams 4945)

Ti-3Al-2.4V has exceptional corrosion resistance and can be used in higher temperatures than Grade 1 through to Grade 4. The grade has many applications in Aerospace, Medical, Marine, Automotive, Transportation and Chemical Processing.

Our Precision Engineering Division specializes in:

Precision Metal Machining	CNC Milling & Turning	CNC wire-cut services
EDM & Super Drill services	Titanium Anodes fabrication	Conventional milling, turning works and Fabrication works.



We warmly welcome the opportunity of quoting on your needs, whether the job is large or small.

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Please Visit us at: www.titanengg.com.sg