Aluminum Bar 6061

Vicor Manufacturing — Product Datasheet

Description

Extruded 6061-T6 aluminum bar stock, precision-milled for structural and machining applications. Excellent strength-to-weight ratio with strong corrosion resistance, ideal for fabrication, tooling, and custom part production.

Specifications

Material:	6061-T6 Aluminum
Diameter:	25 mm
Length:	3000 mm
Tensile Strength:	310 MPa
Surface Finish:	Mill Finish

Frequently Asked Questions

Q: What temper is this bar supplied in?

A: Supplied in T6 temper, solution heat-treated and artificially aged for maximum strength.

Q: Is this bar suitable for CNC machining?

A: Yes, 6061-T6 machines cleanly and holds tight tolerances, commonly used for CNC-milled parts.

Q: Can it be welded?

A: Yes, using TIG or MIG welding with 4043 or 5356 filler alloy; strength reduces near the weld heat-affected zone.