



6061 Aluminum Rod with Certification

1/4" Diameter

In stock
\$11.63 Each
1615T64



Material	6061 Aluminum
Cross Section Shape	Round
Construction	Solid
Appearance	Plain
Diameter	1/4"
Diameter Tolerance	-0.006" to 0.006"
Tolerance Rating	Standard
Yield Strength	35,000 psi
Fabrication	Heat Treated
Temper	T6 (Hardened)
Hardness	Brinell 95
Hardness Rating	Soft
Certification	Material Certificate with Traceable Lot Number and Test Report
Heat Treatable	Yes
Temperature Range	-320° to 300° F
Specifications Met	ASTM B211
Straightness Tolerance	Not Rated
Magnetic Properties	Nonmagnetic
Density	0.1 lbs./cu. in.
Surface Resistivity	25 Ohm-Cir Mil/ft
Melting Point Temperature	1080° F
Modulus of Elasticity	10.0 ksi × 10 ³
Thermal Conductivity	1,160 Btu/hr. × in./sq. ft./°F @ 75° F
Elongation	12.5%
Material Composition	
Aluminum	95.1-98.2%
Chromium	0.4-0.8%
Copper	0.05-0.4%
Iron	0-0.7%
Magnesium	0.8-1.2%
Manganese	0-0.15%
Nickel	0-0.05%
Silicon	0.4-0.8%
Titanium	0-0.15%

Zinc	0-0.25%
Zirconium	0-0.25%
Other	0.15%
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Length Tolerance	-0.015" to 1/8"
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Length	1/2 ft.
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RoHS	Not Compliant

These rods come with a traceable lot number and test report. Often fabricated into vehicle parts, pipe fittings, and containers, 6061 is stronger and offers better corrosion resistance than MIC6 and 2011. It's also nonmagnetic, heat treatable, and resists stress cracking.