



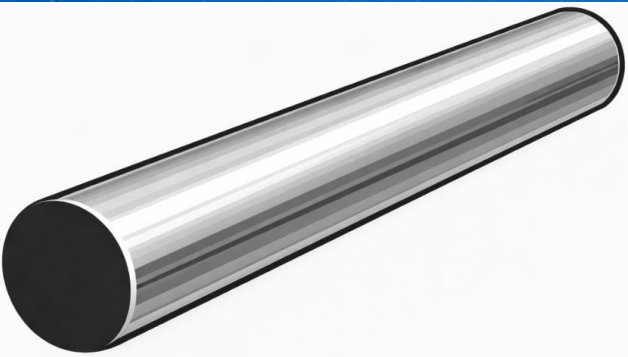
Supplying the Strength Behind Every Build.

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Aluminum Rod

6061-T6511 Grade Aluminum

Aluminum Rod - 12' Long



Item Code	Dimensions in Inches (A x A)	Estimated Wt/Ln. Ft.
12-60-100	1/4	0.058
12-60-101	3/8	0.133
12-60-102	7/16	0.178
12-60-103	1/2	0.235
12-60-104	5/8	0.368
12-60-105	3/4	0.53
12-60-106	7/8	0.707
12-60-107	1	0.942
12-60-108	1-1/16	1.042
12-60-109	1-1/4	1.472
12-60-110	1-5/16	1.59
12-60-111	1-3/8	1.745
12-60-112	1-1/2	2.11
12-60-113	1-5/8	2.439
12-60-114	1-3/4	2.826
12-60-115	1-7/8	3.247
12-60-116	2	3.691
12-60-117	2-1/4	4.676
12-60-118	2-3/8	5.21
12-60-119	2-1/2	5.733
12-60-120	2-5/8	6.364
12-60-121	2-3/4	6.985
12-60-122	3	8.304
12-60-123	3-1/4	9.756
12-60-124	3-1/2	11.314
12-60-125	3-3/4	12.989
12-60-126	4	14.763
12-60-127	4-1/2	18.703
12-60-128	5	23.091
12-60-129	6	33.25

What Is 6061-T6511?

6061 aluminum alloy is a heat-treatable aluminum alloy known for its excellent strength-to-weight ratio, corrosion resistance, and versatility.

The T6511 temper indicates that the material has been:

- Solution heat treated
- Stress relieved by stretching
- Artificially aged
- Straightened after stretching

This temper is specifically used for extruded shapes, ensuring improved straightness and dimensional stability.

Key Properties

- Excellent Strength-to-Weight Ratio
Stronger than 6063 while still lightweight.
- Good Corrosion Resistance
Performs well in atmospheric and marine environments.
- Excellent Machinability
Ideal for drilling, tapping, milling, and CNC operations.
- Weldability
Can be welded using standard methods (TIG/MIG).

Need Custom Cut Lengths?

We can cut your extrusions to your exact specifications. Simply request custom lengths when submitting your quote.