Supplying the Strength Behind Every Build.

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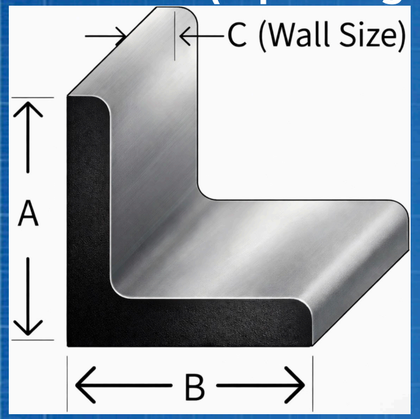
Aluminum Angle

6061-T6 Grade Aluminum

Structural (Equal Leg Size) - 25' Long

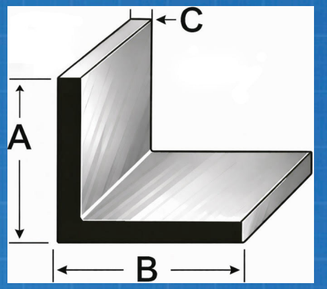


Item Code	Dimensions in Inches (A x B X C)	Estimated Wt/Ln. Ft.
14-50-100	1 x 1 x 1/8	0.28
14-50-101	1 x 1 x 3/16	0.406
14-50-102	1 x 1 x 1/4	0.514
14-50-103	1-1/4 x 1-1/4 x 3/16	0.522
14-50-104	1-1/2 x 1-1/2 x 1/8	0.44
14-50-105	1-1/2 x 1-1/2 x 3/16	0.64
14-50-106	1-1/2 x 1-1/2 x 1/4	0.83
14-50-107	1-3/4 x 1-3/4 x 3/16	0.744
14-50-108	1-3/4 x 1-3/4 x 1/4	0.98
14-50-109	2 x 2 x 1/8	0.588
14-50-110	2 x 2 x 3/16	0.87
14-50-111	2 x 2 x 1/4	1.11
14-50-112	2 x 2 x 3/8	1.606
14-50-113	2-1/2 x 2-1/2 x 3/16	1.07
14-50-114	2-1/2 x 2-1/2 x 1/4	1.404
14-50-115	3 x 3 x 3/16	1.275
14-50-116	3 x 3 x 1/4	1.73
14-50-117	3 x 3 x 3/8	2.474
14-50-118	3 x 3 x 1/2	3.227
14-50-119	3-1/2 x 3-1/2 x 1/4	1.989
14-50-120	4 x 4 x 1/4	2.35
14-50-121	4 x 4 x 3/8	3.366
14-50-122	4 x 4 x 1/2	4.414
14-50-123	5 x 5 x 3/8	4.237
14-50-124	5 x 5 x 1/2	5.578
14-50-125	6 x 6 x 3/8	5.119
14-50-126	6 x 6 x 1/2	6.754
14-50-127	8 x 8 x 1/2	9.141

Structural (Unequal Leg Size) - 25' Long

Item Code	Dimensions in Inches (A x B X C)	Estimated Wt/Ln. Ft.
14-50-128	2 x 1-1/2 x 3/16	0.728
14-50-129	2 x 1-1/2 x 1/4	0.956
14-50-130	2-1/2 x 2 x 3/8	1.828
14-50-131	3 x 2 x 3/16	1.09
14-50-132	3 x 2 x 1/4	1.405
14-50-133	3 x 2 x 3/8	2.046
14-50-134	3-1/2 x 3 x 1/4	1.842
14-50-135	4 x 3 x 1/4	1.988
14-50-136	4 x 3 x 3/8	2.926
14-50-137	5 x 3 x 3/8	3.349
14-50-138	6 x 4 x 3/8	4.237
14-50-139	6 x 4 x 1/2	5.578

Architectural(Unequal Leg Size) - 25' Long



Item Code	Dimensions in Inches (A x B X C)	Estimated Wt/Ln. Ft.
13-50-132	3 x 2 x 3/16	1.085

6061-T6 Aluminum

6061-T6 aluminum is a heat-treated, high-strength alloy known for its excellent mechanical performance, versatility, and dependable corrosion resistance. Alloyed primarily with magnesium and silicon, 6061 achieves its T6 temper through solution heat treatment followed by artificial aging, resulting in significantly enhanced strength and durability.
Recognized as one of the most widely used structural aluminum alloys, 6061-T6 is ideal for applications requiring a strong, lightweight material with good machinability and reliable performance in demanding environments.

Key Features:

- High strength for structural applications
- Excellent strength-to-weight ratio
- Very good corrosion resistance
- Good machinability for precision components
- Good weldability (strength reduction in weld zone may occur)
- Suitable for structural and load-bearing designs

Typical Applications:

- Structural framing and supports
- Automotive components
- Aerospace fittings and parts
- Marine hardware
- Bicycle frames
- Industrial machinery components
- Truck bodies and trailers
- Structural tubing and plate applications