

L-Angle

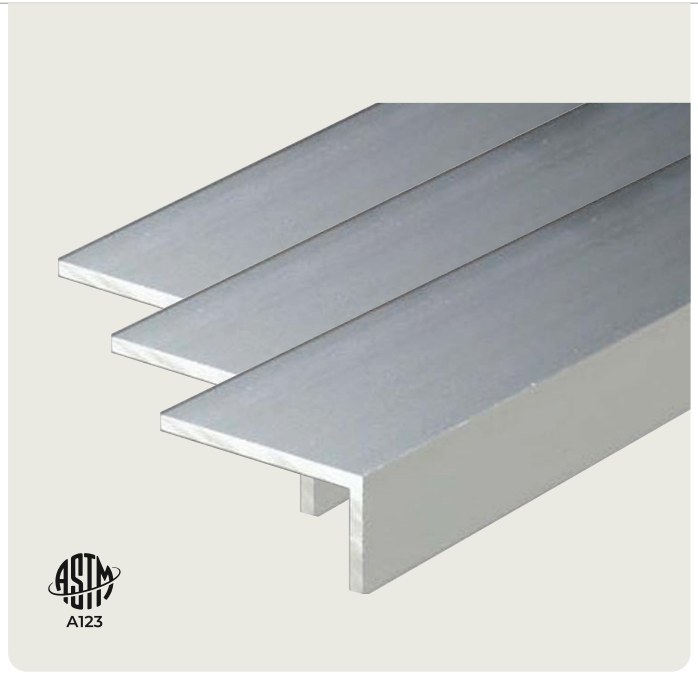
Features

Right-Angle Design: 90-degree angle shape that allows them to provide structural support, reinforcement, and stability to corners, joints, and connections.

Load-Bearing Capacity: High load-bearing capacity, making them suitable for both light and heavy-duty applications.

Corrosion Resistance: Steel alloy L-angles exhibit superior resistance to rust and corrosion, ensuring prolonged durability and longevity.

Weather Resistance: Capable of withstanding harsh environmental conditions, including exposure to rain, humidity, UV rays, and temperature fluctuations, without compromising their structural integrity.



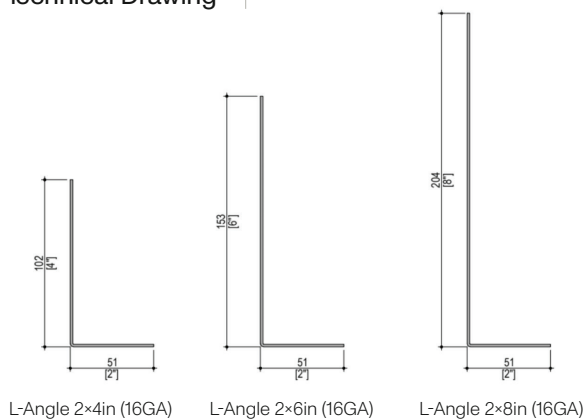
Characteristics

Steel Alloy Type	A36 Steel Alloy: Most commonly used mild and hot rolled steel. Good welding, forming, and machining. Low cost structural steel.
Certifications	ASTM A123: Standard specification for zinc (hot-dip galvanized) coatings on iron and steel products.

Mechanical Information

	Imperial	Metric
Density	0.282 lb/in ³	7.8 g/cm ³
Ultimate Tensile Strength	58,000 psi	400 MPa
Yield Tensile Strength	47,700 psi	315 MPa
Shear Strength	43,500 psi	300 MPa
Melting Point	2,590 - 2,670 °F	1,420 - 1,460 °C
Hardness Brinell	140	
Production Method	Hot Rolled	

Technical Drawing



Chemical Composition

	Percentage
Carbon (C)	0.26
Copper (Cu)	0.2
Iron (Fe)	99
Manganese (Mn)	0.75
Phosphorus (P)	0.04 max
Sulfur (S)	0.05 max

Weight Per Linear Foot

Gauge	Dimensions		Weight	
	Imperial	Metric	Imperial	Metric
14	2 × 4in	50.8 × 101.6mm	1.64lb/ft	2.44kg/m
14	2 × 6in	50.8 × 152.4mm	2.19lb/ft	3.25kg/m
14	2 × 8in	50.8 × 203.2mm	2.87lb/ft	4.27kg/m
16	2 × 4in	50.8 × 101.6mm	1.32lb/ft	1.96kg/m
16	2 × 6in	50.8 × 152.4mm	1.77lb/ft	2.63kg/m
16	2 × 8in	50.8 × 203.2mm	2.20lb/ft	3.27kg/m

Position In The Installation System

