



6082 Aluminium Profile Standard Angle Bar For Industry Applications

Our Product Introduction

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Basic Information



Product Specification

• Alloy:	7075
• Si:	0.4
• Fe:	0.5
• Cu:	1.2-2.0
• Mn:	0.3
• Mg:	2.1-2.9
• Cr:	0.18-0.28
• Zn:	5.1-6.1
• Ti:	0.2
• Impurity:	0.1
• Al:	Rest
• Highlight:	6082 aluminium profile standard, Angle Bar aluminium profile standard, 6082 standard aluminium extrusion profiles



More Images



Standard Aluminum Extruded Profiles

Standard aluminum extruded profiles—including round tubes, flat bars, angles, channels, T-slots, and beams—serve as the fundamental building blocks for diverse industrial sectors. Engineered for performance, these profiles offer a superior balance of lightweight strength and corrosion resistance.

Design Versatility: Suitable for complex structural configurations.

Ease of Fabrication: Optimized for cutting, machining, and assembly.

Cost-Effectiveness: Durable material solution reducing long-term maintenance.

Industry Applications: Construction, transportation, machinery, electronics, and consumer goods.

Technical Composition (Alloy Specifications)

Alloy	Temp. Strength (MPa)	Yield Strength (MPa)	Elongation (%)	Remarks
6063	0.2-0.6	0.45-0.9	0.1	Rest
6061	0.4-0.8	0.8-1.2	0.15-0.4	Rest
6060	0.3-0.6	0.35-0.6	0.1	Rest
6005	0.6-0.9	0.40-0.6	0.1	Rest
6082	0.7-1.3	0.6-1.2	0.1	Rest
2A12	0.5	1.2-1.8	3.8-4.9	Rest
7075	0.4	2.1-2.9	1.2-2.0	Rest



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