



2A12 Durable Standard Aluminium Extrusions Flat Bar Versatile Fabrication

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:	Durable standard aluminium extrusions, 2A12 standard aluminium extrusions, Versatile Fabrication standard aluminum extrusions



Product Description

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 applications. Engineered for performance, these profiles offer a superior balance of lightweight strength, corrosion resistance, and design versatility.

Key Advantages

Lightweight & Durable: High strength-to-weight ratio for efficient construction.

Corrosion Resistant: Inherently protected for long-term reliability.

Versatile Fabrication: Easy to machine, weld, and assemble.

Cost-Effective: Optimized for high-volume industrial production.

Target Industries: Construction, Transportation, Machinery, Electronics, and Consumer Goods.

Material

Aluminum Alloy Extrusions

Available Forms

Tubes, Bars, Angles, Channels, T-slots

Chemical Composition Specifications (%)

6063	0.2-0.6	0.45-0.9	0.1
6061	0.4-0.8	0.8-1.2	0.15-0.4
6060	0.3-0.6	0.35-0.6	0.1
6005	0.6-0.9	0.40-0.6	0.1
6082	0.7-1.3	0.6-1.2	0.1
2A12	0.5	1.2-1.8	3.8-4.9
7075	0.4	2.1-2.9	1.2-2.0

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