



Corrosion Resistance Standard Aluminum Extrusion Profiles Channel Lightweight

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:	Corrosion Resistance standard aluminum extrusion profiles

Lightweight standard aluminum extrusion profiles



More Images



Product Description

Standard Aluminum Extruded Profiles

Our 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.

Core Advantages & Applications

Key Advantages: Lightweight, easy to fabricate, cost-effective, and highly durable.

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

Technical Specifications: Chemical Composition by Alloy

Alloy	Si	Mg	Mn	Others
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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