



Mill Finished 40x40mm 6MM Slot Width T-Slot Aluminum Extrusion Profile for Industrial Applications

Our Product Introduction

for more products please visit us on aluminumextrusion-profiles.com

Basic Information

- Certification: CE, ISO
- Minimum Order Quantity: 500
- Price: 2.99



Product Specification

- Model NO.: Aluminum Profile System
- Type: Industrial Aluminium Profile, Aluminum Profile System
- Shape: T - Profile
- Grade: 6000 Series
- Temper: T3-T8
- Alloy: Alloy
- Surface Finishing: Anodic Oxidation
- Alloying Ingredient: 6063
- Surface Treatment: Sandblasting Anodized
- Specification: 20*20, 30*30, 40*40, 40*80, 30*60, 80*80mm
- Material: 6000series Aluminium Alloy
- Slot Width: 6MM,8MM,10MM
- Length: 6m/pc
- Tensile Strength: $\geq 100\text{MPa}$ (T5) $\geq 90\text{MPa}$ (T6)



More Images



Product Description

Mill Finished / Powder Painting / Anodizing Aluminum Extrusion Profile

High-quality T-Slot aluminum profiles for industrial production lines with various surface treatment options including powder coating, anodizing, and specialized finishes.

Product Specifications

Product	T-Slot Aluminum Profiles Extrusion Frame
Material	6000 series aluminium alloy
Temper	T4, T5, T6
Surface Treatment	Powder Coating (RAL Color), Anodizing (AA10/15/20/25), Sandblasting, Brushing, Passivation, Mechanical/Chemical Polishing, Wood grain coating, Plating options, PVDF, and more
Standard Sizes	40×40mm, 30×30mm, 30×40mm, 25×25mm
Slot Width	6mm, 8mm, 10mm
Standard Length	6 meters per piece (custom cutting available)
Appearance	Square, round, T-shaped, or custom designs
Color Options	Wooden Grain, Aluminium Silver, Brilliant Black, Cream White, Chocolate Brown, Bronze, Champagne, Golden Yellow, and more

Material Composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Impurity	Al
6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1	0.15	Rest
6061	0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35	0.25	0.15	0.15	Rest
6060	0.3-0.6	0.1-0.3	0.1	0.1	0.35-0.6	-	0.15	0.1	0.15	Rest
6005	0.6-0.9	0.35	0.1	0.1	0.40-0.6	0.1	0.1	0.1	0.15	Rest

Mechanical Properties

Alloy	Temper	Tensile Strength	Yield Strength	Elongation
6063	T5	≥ 160Mpa	≥ 110Mpa	≥ 8%
6063	T6	≥ 205Mpa	≥ 180Mpa	≥ 8%
6061	T6	≥ 265Mpa	≥ 245Mpa	≥ 8%

Packaging & Shipping

Packaging: Standard export package with custom options available

Sample Shipping: Via express (FEDEX, DHL, UPS, EMS) with freight paid by client

Mass Production: FOB Shanghai with freight arrangements based on specific requirements

Delivery Time: 3 weeks after order confirmation

Product Images

Aluminum extrusion profile with mill finish

Custom aluminum profile extrusion samples

Industrial aluminum profile applications

Company Profile

MetalPlus operates a 3600-ton extrusion press capable of producing heat sinks up to 600mm in diameter. We specialize in custom

aluminum extrusions for construction and industrial applications, offering complete services from mold design to surface treatment and fabrication.

Aluminum extrusion production facility

Quality control of aluminum profiles

Finished aluminum profile products

Certifications & History

Company certifications and awards

- 2004: Recognized Brand of the Building Industry Material Market
- 2006: ISO9001 Certification and Quality Inspection Exemption
- 2009: Jiangsu Famous Brand Certificate
- 2012: Established partnerships with Panasonic and LG
- 2015: Became innovative supplier for European clients
- 2017: Developed new baseboard heater products
- 2019: Supplier to world's largest heater manufacturers

Notable Projects

Soccer City Stadium, Johannesburg: As main aluminum supplier for Africa's largest stadium (94,000 seats), our materials contributed to this landmark project that received widespread acclaim.

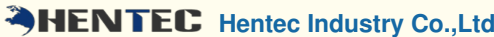
Soccer City Stadium aluminum construction

Completed Soccer City Stadium

Lobster Trailers Partnership: Our R&D team collaborated with this Nordic trailer giant to optimize designs, reduce production costs, and enhance product performance through our advanced processing capabilities.

Aluminum components for Lobster Trailers

Education Sector: Supplied aluminum legs for school desks to local customer Dadn, demonstrating our ability to support clients in winning project bids through strong design and manufacturing expertise.



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