

T-Slot Aluminum Profile with Customized Dimensions for Industrial Building Frame

Our Product Introduction

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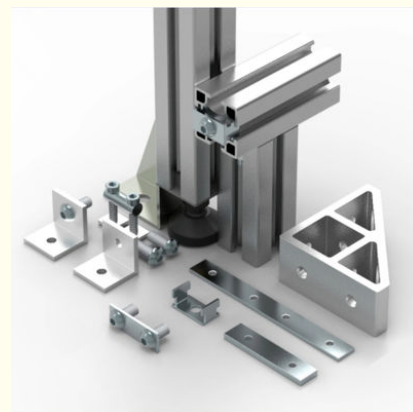
Basic Information

- Certification: CE, ISO
- Minimum Order Quantity: 200
- Price: 0.99



Product Specification

- Model NO.: Slots Series
- 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
- Dimension: 20*20, 40*40, 80*80, 100*100
- Slot Width: 6MM, 8MM, 10MM
- Length: 6m/pc
- Tensile Strength: $\geq 160\text{Mpa}$ (T5), $\geq 205\text{Mpa}$ (T6)
- Yield Strength: $\geq 110\text{Mpa}$ (T5), $\geq 180\text{Mpa}$ (T6)



More Images



Product Description

T-Slot Aluminum Profiles Extrusion Frame for Industrial Building

About Metalplus

Metalplus specializes in aluminum industrial profile design and manufacturing with a production base of more than 100,000 square meters and annual capacity exceeding 100,000 tons.

Product Specifications

Product	T-Slot Aluminum Profiles Extrusion Frame
Material	6000 series aluminium alloy
Temper	T4, T5, T6
Surface treatment	Powder Coating in RAL Color, Anodizing(AA10/15/20/25), Sandblasting, Brushing, Passivation, Silk screen, Mechanical/Chemical Polishing, Wood grain coated /Wooden transfer, Galvanise,(Nickel/Tin/Chrome/Copper) Plating, PVDF, Matt, etc.
Size	40x40mm, 30x30mm, 30x40mm, 25x25mm
Slot width	6MM, 8MM, 10MM
Length	Standard length is 6m/pc with professional cutting service for custom sizes
Appearance	Normally square, round and T-shaped, or customized
Color	Wooden Grain, Aluminium Silver, Brilliant Black, Cream White, Chocolate Brown, Bronze, Champagne, Golden Yellow etc.

Technical Parameters

Chemical 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 options for custom packaging per client requirements.

Shipping:

Samples shipped via express (FEDEX, DHL, UPS, EMS) with freight paid by client

FOB Shanghai for mass production with freight negotiated based on specific conditions

Delivery Time: 3 weeks after confirming all order details

Company Profile

MetalPlus has operated since 2007 with a 3600 ton extrusion machine capable of producing heat sinks up to 600mm diameter. We specialize in custom aluminum extrusions for construction and industrial applications, offering complete services from mold design to fabrication and surface treatment.

Certifications

Company Milestones

- 2004: Recognized Brand of the Building Industry Material Market
- 2006: Certificate for Product Exemption from Quality Surveillance Inspection & ISO9001
- 2009: Advanced Company & Jiangsu Famous Brand Certificate
- 2012: Established business relationships with Panasonic and LG
- 2015: Became innovative producer and supplier for European clients
- 2017: Developed new baseboard heater products
- 2019: Partnered with world's largest heater manufacturers
- 2023: Expanding overseas distributor network

Notable Projects

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

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

School Furniture Project: Supplied aluminum legs for school desks, helping local customer Dadn successfully complete their school project bid.



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