



Bending T-Slot Aluminum Profile System with Customizable Color and 6000 Series Alloy

Our Product Introduction

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

Basic Information

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



Product Specification

- Model NO.: Slots Series
- Type: Industrial Aluminium Profile
- Shape: T - Profile
- Grade: 6000 Series
- Temper: T3-T8
- Alloy: 6063
- Surface Finishing: Anodic Oxidation
- Thickness: 1.2mm, 2.0mm, 3.0mm
- Slot Width: 6MM, 8MM, 10MM
- Size: 40x40mm, 30x30mm, 30x40mm, 25x25mm
- 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)
- Elongation: $\geq 8\%$
- Production Capacity: 100000 Ton/ Year



More Images



Product Description

T-Slots Powder Painted Bending CNC Milling Aluminum Profile System

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 Categories

Aluminum Profile	Die Casting	ACP
Aluminum Fan Blade Profiles	Die Casting Led Housing	Aluminum Composite Panel
Aluminum Profile System	Stainless Steel Casting	
Aluminum Extrusion Enclosure	Aluminum Casting	

Product Specifications

Product	T-Slot Aluminum Profiles Extrusion Frame
Material	6000series 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,30*30mm ,30*40mm , 25*25mm
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.

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Product 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

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

Mass production shipped FOB Shanghai with freight negotiated based on specific conditions

Delivery Time: 3 weeks after confirming all order details

Company Profile

MetalPlus operates 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 History

2004: Recognized Brand of the Building Industry Material Market

2006: ISO9001 Certification

2009: Jiangsu Famous Brand Certificate

2012: Established partnerships with Panasonic and LG

2015: Became innovative supplier for European clients

2019: Supplier for 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's success.

Lobster Trailers: Our R&D team collaborated with this Nordic trailer giant to optimize designs and production processes, reducing costs while improving performance.

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



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