



Anodized Bending Welding Aluminum Extrusion Profile System with T-Slot Design 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: Alloy
- Surface Finishing: Anodic Oxidation
- Alloying Ingredient: 6063
- Thickness: 1.2mm, 2.0mm, 3.0mm, Etc.
- Surface: Anodized, Powder Paint
- Material: 6000series Aluminium Alloy
- 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

Anodized Bending Welding Aluminum Extrusion Profile System

Product Description

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.

Related Products

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	

Specification

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	The standard length is 6m/pc, with professional cutting service available 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

1) 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

2) Mechanical property

Alloy	Temper	Tensile strength	Yield strength	Elongation
6063	T5	≥ 160Mpa	≥ 110Mpa	≥ 8%
6063	T6	≥ 205Mpa	≥ 180Mpa	≥ 8%

Packaging & Shipping

Packaging: Standard export package, with custom packaging options available.

Shipping:

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

FOB Shanghai for mass production

Delivery Time: 3 weeks after order confirmation

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

Project Highlights

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

Lobster Trailers: Our R&D team optimized designs for this Nordic trailer giant, reducing production costs while improving performance.



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