

Industrial T-Slot Aluminum Profile System with 80*80 Dimension and Customized ODM OEM Options

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

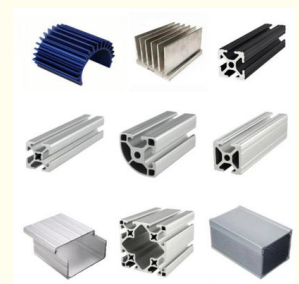


Product Specification

- Material: 6000series Aluminium Alloy
- Temper: T4, T5, T6
- Surface Treatment: Powder Coating, Anodizing, Sandblasting, Brushing, Passivation, Silk Screen, Mechanical/Chemical Polishing, Wood Grain Coated, Galvanise, PVDF, Matt
- Size: 40x40mm, 30x30mm, 30x40mm, 25x25mm
- Slot Width: 6MM, 8MM, 10MM
- Length: 6m/pc (standard), Customizable
- Appearance: Square, Round, T-shaped, Or Customized
- Color: Wooden Grain, Aluminium Silver, Brilliant Black, Cream White, Chocolate Brown, Bronze, Champagne, Golden Yellow
- Alloying Ingredient: 6063
- Chemical Composition: Si: 0.2-0.6, Fe: 0.35, Cu: 0.1, Mn: 0.1, Mg: 0.45-0.9, Cr: 0.1, Zn: 0.1, Ti: 0.1, Al: Rest
- Tensile Strength: $\geq 160\text{Mpa}$ (T5), $\geq 205\text{Mpa}$ (T6)



More Images



Product Description

Industrial T-Slot Aluminum Profile System 80×80

Metalplus specializes in custom aluminum industrial profile design and manufacturing with a 100,000+ square meter production facility and annual capacity exceeding 100,000 tons.

Product Specifications

Product	T-Slot Aluminum Profiles Extrusion Frame
Material	6000 series aluminum alloy
Temper	T4, T5, T6
Surface Treatment	Powder Coating (RAL Colors), Anodizing (AA10/15/20/25), Sandblasting, Brushing, Passivation, Silk Screen, Polishing, Wood Grain Coating, Plating, PVDF, etc.
Standard Sizes	40×40mm, 30×30mm, 30×40mm, 25×25mm
Slot Width	6mm, 8mm, 10mm
Standard Length	6 meters (custom cutting available)
Appearance	Square, Round, T-Shaped (custom designs available)
Colors	Wood Grain, Aluminum Silver, Black, White, Brown, Bronze, Champagne, Gold, etc.

Material Properties

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 packaging with custom options available

Shipping Options:

Samples shipped via express (DHL, FedEx, UPS, EMS) - freight paid by customer

Mass production shipped FOB Shanghai

Standard delivery time: 3 weeks after order confirmation

Company Profile

Since 2007, MetalPlus has operated a 3600-ton extrusion press 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.

MetalPlus Factory Facility

Aluminum Extrusion Production Line

Quality Control Inspection

Certifications & Milestones

Company Certifications

2004: Recognized Brand of 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 primary aluminum supplier for Africa's largest stadium (94,000 seats), we contributed to this landmark project's successful completion.

Soccer City Stadium Project

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

Lobster Trailers Collaboration

School Furniture Project: Supplied aluminum legs for school desks to local customer Dadn, demonstrating our capability to support education infrastructure projects.

School Furniture Aluminum Components



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