



ODM 80*80 V Slots T-Slot Aluminum Profile with Sandblasting Anodized Surface for Industrial Use

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, Etc.
- Size: 40x40mm, 30x30mm, 30x40mm, 25x25mm
- Slot Width: 6MM, 8MM, 10MM
- Length: 6m/pc
- Appearance: Square, Round, T-shaped
- 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
- 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: $\geq 8\%$
- Shape: T - Profile
- Grade: 6000 Series



More Images



Product Description

ODM Thickness 80*80 V Slots Aluminum Extrusion Profile System

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	Square, round, T-shaped, or customized
Color	Wooden Grain, Aluminium Silver, Brilliant Black, Cream White, Chocolate Brown, Bronze, Champagne, Golden Yellow etc.

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 custom packaging options available

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

Mass Production: FOB Shanghai with freight terms negotiated based on specific requirements

Delivery Time: 3 weeks after order confirmation

80x80 V Slots Aluminum Extrusion Profile System

Company Profile

MetalPlus has operated a 3600-ton extrusion machine since 2007, 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 fabrication and surface treatment.

Aluminum extrusion production facility

Aluminum profile samples

Custom aluminum extrusion products

Aluminum extrusion manufacturing process

Quality inspection of aluminum profiles

Packaged aluminum extrusion products

Certifications

Company certifications and awards

Company History

2004: Recognized Brand of the Building Industry Material Market

2006: Certificate for Product Exemption from Quality Surveillance Inspection & ISO9001 Certification

2009: Advanced Company Award & Jiangsu Famous Brand Certificate

2012: Established partnerships 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 global 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.

Soccer City Stadium construction

Completed Soccer City Stadium

Lobster Trailers Partnership: Collaborated with this Nordic trailer giant, optimizing designs and production processes to reduce costs while enhancing performance.

Aluminum components for Lobster Trailers

School Furniture Project: Supplied aluminum legs for school desks to local customer Dadn, demonstrating our design capabilities and manufacturing expertise in educational furniture applications.



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