



6000 Series T-Slot Aluminum Profile System with 20*20 to 100*100mm Sizes and Customized Color

Our Product Introduction

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

Basic Information

- Certification: CE, ISO



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

Aluminum Profile Solutions

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

Product Categories

Aluminum Profile	Aluminum Fan Blade Profiles
	Aluminum Profile System
	Aluminum Extrusion Enclosure
	LED Aluminum Extrusion Profiles
	Aluminum Frame
	Customized Aluminum Profile
	Aluminum Heat Sink
	Electric Motor Housing Aluminum profile
	Construction Aluminum Profile
	Aluminum Extrusion Tube
Die Casting	Die Casting Led Housing
	Stainless Steel Casting
	Aluminum Casting
ACP	Aluminum Composite Panel



T-Slot Aluminum Profiles Extrusion Frame Specifications

Product	T-Slot Aluminum Profiles Extrusion Frame
Material	6000 series aluminum alloy
Temperature	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: 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 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

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.

Certifications

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
2009: Credible Product of Quality in Jiangsu Province
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

As primary aluminum supplier for Johannesburg's 94,000-seat Soccer City Stadium - the largest capacity stadium in Africa - our materials contributed to this award-winning architectural achievement.

Our collaboration with Nordic trailer giant Lobster Trailers demonstrates our R&D capabilities in design optimization and cost-effective manufacturing solutions.



We supplied aluminum legs for school desks in a major education project, showcasing our ability to support clients in winning competitive bids through quality materials and technical expertise.



+86-13861643436



aluminum@hentec.com.cn



aluminumextrusion-profiles.com

Qinfeng Road No.555 Huashi Town Jiangyin Jiangsu China (mainland) 214421