



Fluorocarbon Coating 6063 Alloy V Slots Series Aluminum Profile System with Customized Color and 20*20 to 100*100mm Sizes

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, Aluminum Profile System
- Shape: T - Profile
- Grade: 6000 Series
- Temper: T3-T8
- Alloy: 6063
- Surface Finishing: Anodic Oxidation
- Surface Treatment: Sandblasting Anodized
- Dimension: 20*20, 40*40, 80*80, 100*100
- Wall Thickness: > 0.9mm
- Section Size: Square: $\leq 150 \times 150\text{mm}$, Rectangle: $\leq 250 \times 50\text{mm}$, Round: $\leq \varnothing 170\text{mm}$
- Tolerance: Length: $\pm 0.2\text{mm}$, Hole: $\pm 0.05\text{mm}$
- Tensile Strength: T5: $\geq 160\text{Mpa}$, T6: $\geq 205\text{Mpa}$
- Yield Strength: T5: $\geq 110\text{Mpa}$, T6: $\geq 180\text{Mpa}$



More Images



Product Description

Fluorocarbon Coating 6063 Alloy V Slots Series Aluminum Profile System

Product Description

High-performance aluminum heat sink profile with excellent thermal conductivity and lightweight properties.

Specification

Product	Aluminum Heat Sink
Material	6063, 6061, 6005, 6082
Temper	T4/T5/T6/T66
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.
Shape	Flat/Square/Round/Hollow/Oval/Triangle U type/L type/T type /H type
Deep Process	Aluminium profile extruding, Precious milling, Cutting, Punching, Bending, Tapping, Drilling, CNC lathe etc.
Tolerance	Length: $\pm 0.2\text{mm}$, Hole: $\pm 0.05\text{mm}$
Wall thickness	> 0.9mm
Section size	Square: $\leq 150*150\text{mm}$ Rectangle: $\leq 250*50\text{mm}$ Round: $\leq \varnothing 170\text{mm}$
Packaging	Inner plastic paper/PE paper interleaving each piece; Outer fixed by plywood or pallets with shipping mark; Or as required.
Delivery time	15-25 days after deposit

Process

Die design → Die making → Extruding → Cutting → CNC Machining → Surface treatment → Packing

Advantages

Superior heat dissipation: Aluminum alloy maintains optimal temperature range during continuous operation

Lightweight: Reduces overall product weight for easier transportation and installation

Excellent plasticity: Better ductility than steel or cast iron

Durable performance: Waterproof, dustproof, corrosion resistant with long service life

Environmentally friendly: Energy efficient and recyclable material

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
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

2) Mechanical property

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, we can also accept other requirements from client.

Shipping:

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

FOB Shanghai for mass production (freight negotiated based on specific conditions)

Delivery Time: 3 weeks after confirming all information

Company Profile

MetalPlus invested in an express extrusion machine with a 3600 ton extrusion force in 2007, enabling our factory to produce a heat sink with a maximum diameter of 600mm.

Shapes can also be customized based on customer requirements and the project specifications.

We specialize in a variety of aluminum extrusions for construction and industry. Depending on the client's needs, we can make moulds, extrude, provide surface treatment, and fabricate.

Certifications

Company History

2004: "THE RECOGNIZED BRAND OF THE BUILDING INDUSTRY MATERIAL MARKET"

2006: "CERTIFICATE FOR PRODUCT EXEMPTION FROM QUALITY SURVEILLANCE INSPECTION" AND "ISO9001"

2009: "ADVANCED COMPANY"

2009: "JIANGSU FAMOUS BRAND CERTIFICATE"

2009: "CERTIFICATE FOR CREDIBLE PRODUCT OF QUALITY IN JIANGSU PROVINCE"

2012: Established business relationship with PANASONIC, LG

2015: Became innovative producer and supplying partner for European clients

2017: Developed new products of baseboard heaters

2019: Cooperated with world's largest heater manufacturers, supplying aluminum shells

2023: Expanding overseas distributor network for win-win benefits

Project

The Soccer City Stadium in Johannesburg is one of the major projects of South Africa, the 94,000 seat stadium is the largest capacity stadium in Africa.

We are very honored to participate in the construction of the project as the main supplier of aluminum!

The Soccer City Stadium won unanimous praise after it was built!

Lobster Trailers is a Nordic trailer giant, we are very proud to cooperate with them.

Our professional R&D team analyzes and improves upon Lobster's designs and then processes them with our excellent processing equipment and exquisite technology.

We minimize production costs and improve product performance thanks to our optimization proficiencies.

We are very glad that our local customer Dadn won the bid of the school project, and we supplied the Aluminum Legs of the school desks for them.

With our strong design and mature technics, we will help more customers to get the tender.

