



## Customized CNC Machining 6000 Series T3-T8 Temper 60 Series Aluminium T Slot Profile Extrusion Profile

Our Product Introduction

for more products please visit us on [aluminumextrusion-profiles.com](http://aluminumextrusion-profiles.com)

### Basic Information

- Certification: CE, ISO
- Minimum Order Quantity: 500
- Price: 2.99



### Product Specification

- Model NO.: T Slot Profile Extrusion
- Shape: T - Profile
- Grade: 6000 Series
- Temper: T3-T8
- Alloy: 6063
- Surface Finishing: Anodic Oxidation
- Surface Treatment: Sandblasting Anodized
- Specification: 20\*20, 30\*30, 40\*40, 40\*80, 30\*60, 80\*80mm
- 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, Impurity: 0.15, Al: Rest
- 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:  $\geq 8\%$
- Production Capacity: 100000 Ton/ Year



### More Images



## Product Description

### Customized CNC Machining Anodized 6063 Aluminium T Slot Profile Extrusion Profile

#### Product Specifications

| Parameter         | Details                                                                                                      |
|-------------------|--------------------------------------------------------------------------------------------------------------|
| Size              | 10/15/20/25/30/35/40/45/50/55/60/65/70/75/80/85 series and Custom Made sizes                                 |
| Grade             | 6061/6063-T5/T6                                                                                              |
| Standard          | GB/5237-2004                                                                                                 |
| Certification     | ISO9001, RoHS, SGS                                                                                           |
| Material          | Aluminum                                                                                                     |
| Color             | Clear, Black, any custom-made colors available                                                               |
| Surface Treatment | Mill finish, Anodizing, Sand Blasting, Powder Coating, etc.                                                  |
| Deep Processing   | Machining, Cutting, Drilling, Threading, Bending, etc.                                                       |
| Applications      | Building, Industry, Machinery, Assembly stations, Cellular manufacturing workstations, Linear motion devices |

#### 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 Options:

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 in 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 Milestones

2004: Recognized Brand of the Building Industry Material Market  
2006: ISO9001 Certification and Product Exemption from Quality Surveillance Inspection  
2009: Jiangsu Famous Brand Certificate and Advanced Company recognition  
2012: Established partnerships with Panasonic and LG  
2015: Became innovative producer and supplier for European clients  
2017: Developed new baseboard heater products  
2019: Supplier to world's largest heater manufacturers  
2023: Expanding global distributor network

## Notable Projects

### Soccer City Stadium, Johannesburg

As primary aluminum supplier for Africa's largest stadium (94,000 seats), we contributed to this landmark project that received widespread acclaim upon completion.



### Lobster Trailers Partnership

Our collaboration with this Nordic trailer manufacturer combines our R&D expertise with precision processing to optimize designs and reduce production costs while enhancing performance.



### Educational Furniture Supply

Supplied aluminum legs for school desks as part of a major educational project, demonstrating our capability to support institutional clients with customized solutions.



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