



## Bending Led Aluminum Heatsink Extrusion Profiles 6005 Alloy T66

Our Product Introduction

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

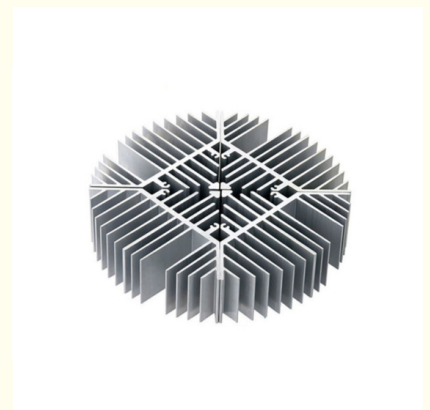
### Basic Information

- Place of Origin: China
- Certification: CA ,CE
- Minimum Order Quantity: 1 ton
- Packaging Details: Ep paper ,kraft ,pallet
- Delivery Time: 20days
- Payment Terms: T/T ,L/C
- Supply Ability: 100 000ton each month



### Product Specification

- Product Name: Aluminum Heatsink Extrusion Profiles
- Alloy: 6063,6061,6005
- Material: Aluminum
- Surface Treatment: Mill Finished,Anodized ,Electrophoretic Coated,Powder Spray Coated
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T4, T5, T6 ,T66
- Highlight: **Bending Led Aluminum Heatsink Extrusion Profiles**  
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**6005 Alloy Aluminum Heatsink Extrusion Profiles**  
, **T66 Aluminium Radiator Profiles**



## Product Description

### Customized Led Aluminum Heat Sink Extrusion Profiles , Aluminium Radiator

#### Product Description

material: aluminium alloy  
 surface finish: sandblasting, painting, powder coating, electrophoresis, etc  
 product scope: household accessories

#### Company Advantage

ISO 9001:2008 certified  
 Extrusion machine, powder painting line , anodizing line , Wire-cut EDM Machine, CNC, milling machine, turning machine, grinding machine  
 advanced equipment and excellent R&D Team  
 professional designers and experienced workers  
 strict quality control system  
 highly skilled manufacturing process

#### Surface treatment:

| Surface Finish: | Mill finish   | Anodizing  | Powder Coating | Wood Grain | Electrophoresis | Polished | Brushed |
|-----------------|---|--|----------------|------------|-----------------|----------|---------|
| Color:          | Anodizing:  | Silver, bronze, champagne, golden yellow, etc.   |                |            |                 |          |         |
|                 |   | Anodizing thickness is up to 25um.   |                |            |                 |          |         |
|                 | Powder Coating:   | White, black, bronze, grey, green, etc .   |                |            |                 |          |         |
|                 |   | Powder coating thickness is more than 60um.  |                |            |                 |          |         |
|                 | Wood Grain:   | 1. Italian MENPHIS transfer printing paper.  |                |            |                 |          |         |
|                 |   | 2. AKZO NOBEL INTERPON D1010(10 years warranty): Australia cedar, Bush cherry, Chest nut, Jarrah I, Jarrah II, Western red cedar, etc. |                |            |                 |          |         |
|                 |   | 3. AKZO NOBEL INTERPON D34(5 years warranty): Bush wood, Western red, Jarrah, Snow gum, etc.   |                |            |                 |          |         |
|                 | Electrophoresis:  | Silver, nickel, golden yellow, black, champagne, etc   |                |            |                 |          |         |
| Polishing       | Silver, nickel, golden yellow, black, etc                   |  |                |            |                 |          |         |
| Brushing:       | Silver, nickel, golden yellow, black, bronze, etc           |  |                |            |                 |          |         |
| Machining:      | Cutting, punching, drilling, bending, weld, mill, CNC, etc. |  |                |            |                 |          |         |

#### Applications:

Aluminum heat sink is widely used on Machines , cars , lighter ...

#### Specifications:

##### 1. Primary Technical Data

##### 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%       |
|       | T6     | ≥ 205Mpa         | ≥ 180Mpa       | ≥ 8%       |
| 6061  | T6     | ≥ 265Mpa         | ≥ 245Mpa       | ≥ 8%       |



**Competitive Advantage:**

Precision parts strictly according to customer&request drawing,packing and quality request  
 The most advanced CMM inspector to ensure the quality  
 Experienced technology engineers and well trained workers  
 Fast and timely delivery. Speedily&professional service  
 Give customer professional suggestion while in the process of customer designing to save costs.  
 Quality assurance in accordance with ISO9001:2008





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