

6063 Black Anodized Aluminum Heat Sink Extrusion Profiles With CNC Machining

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: HENTEC
- 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: **heatsink extrusion profiles,
aluminium extrusion heat sink profiles**

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Product Description

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Advantage

1. We have our own factory and can provide products with good quality and competitive prices
2. Our products are exported to many countries and regions and have good reputation
3. Eco-friendly,safe,easy to use

Description :

- (1). Aluminum anodized profile for heat sink
- (2). 20 years warranty.
- (3). High corrosion resistance.
- (4). 5-10 years weather resistance.
- (5). Good wear resistance & anti-scratch.
- (6). Size customized.
- (7). Alloy temper:6061-T6,6063-T5,6082-T6,6005-T5,etc.
- (8). Standard: EN755, ASTM B221, DIN Standard
- (9). Surface treatment: Mill finishes;Anodized; Powder coated;Wooden grain,Electrophoresis, Machine/Acid polished and etc.
- (10). Applicant: industry, construction, exhibition, car, decoration and etc.
- (11). Packing details:Shrinking film, Carton,Wooden pallet or By customer's requirements.
- (12). Delivery: 25-30 days for mass production

| | |
|---------------------|---|
| Material | Aluminum alloy 6063,6061,6005, 6060, 6082 |
| Temper | T4,T5,T6,T66 |
| Surface | Anodized Electrophoresis Powder coating PVDF coating Wood grain painting Brushed |
| Color | Silver White Bronze Gold Black Champagne Or customized |
| Film Thickness | Anodized:12-25 μm Powder coating:40-80 μm |
| Length | ≤ 7.2m, according customer's request |
| Standard | GB,JIS,AAMA,BS,EN,AS/NZS,AA |
| Certification | ISO9001,ISO14000 |
| Production Capacity | 5000 tons monthly, 300000 annually |

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:


- 1, This aluminum extraction profile for heat sink offers excellent engineering design and technical support .
- 2, With the deep processing ,it will be cut ,punched ,drilled ,milled and then fabricated into the finished product .
- 3, It is guaranteed on the excellent performance for as long as 15 years .



Tag :
extruded aluminum heat sink
aluminum heatsink extrusion profiles

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