



Bright Black Anodized Extruded Heat Sink Industrial Aluminium Profiles 6063-T5

Our Product Introduction

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

Basic Information

- Place of Origin: China
- Brand Name: MetalPlus
- 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
- Material: Aluminium
- Surface Treatment: Anodized ,Electrophoretic Coated,Powder Spray Coated
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T5, T6
- Highlight: **Extruded Heat Sink, 6063-T5 Heat Sink, Industrial Aluminium Profiles Heat Sink**



Product Description

Bright Black Anodized Extruded Heat Sink Industrial Aluminium Profiles 6063-T5

Description :

| | |
|-------------------|--|
| 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 can be $\pm 0.2\text{mm}$, hole can be $\pm 0.05\text{mm}$. |
| Wall thickness | > 0.9mm |
| Section size | Square: $\leq 150 \times 150\text{mm}$ |
| | Rectangle: $\leq 250 \times 50\text{mm}$ |
| | Round: $\leq \varnothing 170\text{mm}$ |
| Pack age | 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 |

Our Advantages:

1. 17+ years experience in providing ONE-STOP customized aluminium extrusion and machining solution; 11+ years of exporting to 40+ countries;
2. ISO: 9001:2008, RoHS
4. 100% new material
5. Competitive prices with short lead-time for both tooling and parts, because we do everything in-house
6. Effective and strong technical support (30+ engineers) and excellent sales services .
7. Sufficient production capacity (22 extrusion lines; 3+ CNC machines).
8. Efficient communication (48-hour quote lead time).

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 | $\geq 160\text{Mpa}$ | $\geq 110\text{Mpa}$ | $\geq 8\%$ |
| | T6 | $\geq 205\text{Mpa}$ | $\geq 180\text{Mpa}$ | $\geq 8\%$ |
| 6061 | T6 | $\geq 265\text{Mpa}$ | $\geq 245\text{Mpa}$ | $\geq 8\%$ |

Competitive Advantage:

- 1) Pure 99.7% aluminum materials without any scrap used
- 2) OEM welcome, we can design and cut die to meet customer's special demand
- 3) Wonderful surface treatment, we can meet customers required on surface
- 4) Strictly quality control process assured higher quality.
- 5) Packing safety and convenient.



Tag :

LED Aluminum Heat Sink

extruded aluminum heat sink

HENTEC Hentec Industry Co.,Ltd

+86-13861643436

aluminum@hentec.com.cn

aluminumextrusion-profiles.com

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