



## OEM Customized LED Heatsink extruded aluminium profiles High performance

### Our Product Introduction

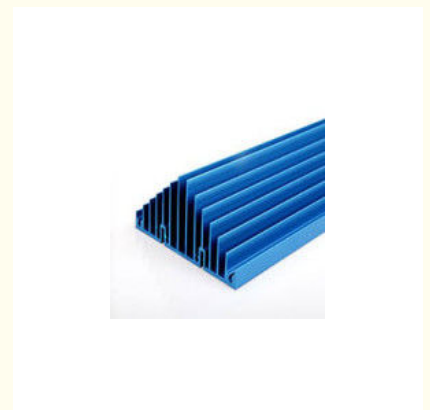
#### Basic Information

- Place of Origin: China
- Brand Name: HT
- 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 heatsink extrusion**



## Product Description

### OEM Customized LED Heatsink extruded aluminium profiles High performance

#### Description:

**6063 - T5 Aluminum Heatsink Extrusion Profiles / Aluminium Lighting Heatsink/Cooler/Radiator/Heat Sink/Aluminum Heat sink**

We can supply kinds of aluminum heat sink with different kinds of material, specifications and surface treatments.

Customers'own detailed drawings or samples are welcome.

Any OEM is welcome.

Material	Aluminium alloy; 6063, 6061, 6082, 6005, T5, T6,
Section Shapes	I, U, T, C, Z, L, H, square, round, flat, hollow, t-slot or other complicated shapes by custom design.
Surface treating	Anodic Oxidation, Powder Spraying, Electroplating Coating, Wood-grain Transfer, Fluorocarbon Spraying, Sand blast, Polished, Brushed
Application	<ul style="list-style-type: none"> <li>- for Window and door frames</li> <li>- for LED lighting Frame</li> <li>- for Building curtain glass walls</li> <li>- for Motor Shell</li> <li>- for Hook of LED Stage lighting</li> <li>- for Industry assembly lines equipment.</li> <li>- for Heat sinks, such as: LED lighting, Car Audio Shell, High-power LED Street lighting, LED tunnel lighting and so on.</li> <li>- other by custom design size and dimension</li> </ul>
Production lines	<ul style="list-style-type: none"> <li>- 1)5 melting and casting production lines</li> <li>- 2)6 extruding production lines(from 600tons to 5000tons and meet different customer's demands)</li> <li>- 3)2 anodizing and electrophoresis production lines</li> <li>- 4)2 powder coating production lines</li> <li>- 5)4 wooden grain production lines</li> <li>- 6)2 heat insulation broken bridge production lines</li> <li>- 7)2 wiredrawing and polishing production lines</li> </ul>
Characteristic Services	<ul style="list-style-type: none"> <li>-OEM Service.</li> <li>-Design according to the customers' requirements.</li> <li>-More years' professional experience in research, manufacturing</li> <li>-Our modern deep processing center can provide machining such as Cutting, punching, drilling, CNC Machining etc.</li> </ul>
Quality Control	We operate the most strict quality control system, the detection is from the material, production process, To final product, and ensure the product quality and traceability.
Process	Die design → Die making → Smelting& alloying → QC → Extruding → Cutting → Heat Treatment → QC → Surface treatment → QC → Welding → Packing → QC → Shipping → After Sale Service
Standard	GB5237-2008 equal to EN12020-1.2(2001)
Payment	T/T: 30% for deposit, the balance will be paid before or after shipment
Packaging Detail	<ul style="list-style-type: none"> <li>-Inside: Packed with plastic film to protect each piece</li> <li>-Outside: Wrap to be bundles by waterproof craft paper or EPE film.</li> </ul> Customized request available
Lead Time	<ul style="list-style-type: none"> <li>-Die Developing and Sample testing: 10-12 days.</li> <li>-Mass Production: 15-25days. It depend on your quantity.</li> </ul>

#### Standard features of aluminum heatsink:

Best value cost option for high volume production

Ultrahigh extrusions give maximum cooling area with single piece construction

New custom designs are relatively inexpensive to tool

May replace bonded fin parts at lower cost

Various low cost surfaces finishes offer cosmetic and corrosion protection

#### Order,payment,terms,shipment

**1, Minimum order: 500 kg per trial order 1 piece of sample free of charge provided by approval and kept for future mass production.**

**2, Sample Lead Time: 25 working days(15 days for making the tool and 10 days making the samples. Before sending the samples to customer, samples should pass strict test in our lab. )Production Lead time: it depends on customers' order quantity ( 30 working days after deposit).**

**3, Payment :30% T/T in advance the balance after the copy of BOL .**

#### 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
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## 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) low price and high quality; High Quality CNC machining / extrusion / forging / die casting aluminum heat sinks
- 2) Small orders accepted;
- 3) Closely tolerance;

### Tag :

**extruded aluminum heat sink**  
**aluminum heatsink extrusion profiles**



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