



## Customized Heat Sink Extrusion Profiles High Power Semiconductor Electronics

Our Product Introduction

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

### 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: **Customized Heat Sink Extrusion Profiles, Semiconductor Electronics Heat Sink, 6005 Electronics Heat Sink Extrusion Profiles**



## Product Description

### Customized Heat Sink Extrusion Profiles High-Power Semiconductor / Power Electronics Heat Sink

Product Name	Aluminum Alloy Heat Sink
Raw Material	Aluminium
Surface treatment	Anodizing
Equipments	Advanced Brother Brand CNC machine, grinding and shot peening machine, Precise tensile strength testers, and magnetic powder flaw detectors
Standard	ISO, Non-standard, OEM
Certification	ISO9001, SGS certificate, ROHS report
Usage	High-power Semiconductor, Power Electronics cooling, such as AC/DC power supply, regulated power supply, switching power supply, communication power supply, purification power supply, radio and television transmitter, frequency conversion power supply, inverter power supply, etc. Also used in LED/lamp electronic ballast, audio equipment, power amplifier circuit, automatic control meters.
Delivery time	7~10 Days after order confirmed

#### 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, We can do the designs according to the customers' requirement
- 2, We can produce customers' own die as per their requirement
- 3, We can offer you the high quality products & reasonable price
- 4, We can offer you a good after-sell service
- 5, We have strong professional design team
- 6, Prompt delivery, sample order is welcome.



