



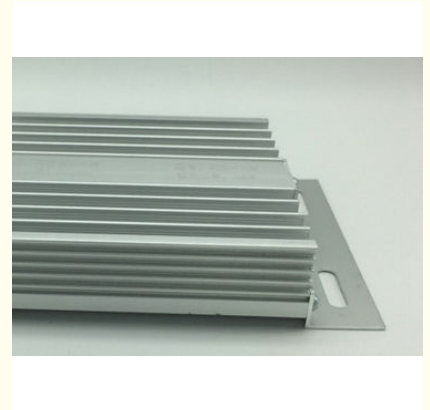
## Mill Finished 6063 / 6061 Aluminum Extrusion Enclosure With Cutting / Drill / Punching

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: Hentec
- Minimum Order Quantity: 50KG
- Packaging Details: Be placed in metal pail with inner double PVC bags containing 50KG per each



#### Product Specification

- Material: Aluminum
- Temper: T4 T5 T6 T66
- Alloy: 6063 / 6060/ 6005/ 6061/6082
- Surface: Mill Finished , Alodine
- Color: Natureal
- Logo: Printing / Punching
- Highlight: **aluminum electrical enclosures,  
extruded aluminum enclosure boxes**

## Product Description

### Mill Finished Aluminum Electrical Shell / With Cutting , Drill , Punching , Milling

#### Introduction Of Constmart Profile:

1. Material: 6063,6061,6060,6005 etc.
2. Temper: T5 or T6
3. Finish: Mill finish, anodizing, powder coating, electrophoresis, wooden transfer or pvdf/carbon-flouride coated, polishing, brushing, sand blasting
4. Various colors: Silver, bronze, black, gold, blue, grey, champagne, bright, etc.
5. Machining: Cutting, punching, drilling, tapping, milling, bending, welding, CNC etc.
6. Various in styles and sizes:
  - A) Aluminum alloy bars: ranging from 6000 series, normal material such as 6063,6005,6061,6060, special materials such as 6082 etc.
  - B) Aluminum profiles:
    - General aluminum profiles (various shapes of pipes/tubes, angles, T or U shapes etc.)
    - Industrial aluminum profiles
    - Construction aluminum profiles
7. Strong technical development ability, can provide high intensity and high ductility aluminum profiles, to meet customers' different requirements.
8. OEM service available, customized design available

#### Description:

Item	Aluminum Extrusion bar
Material	Alloy 6063, 6061 or according to customer' s choice
Temper	T3, T4, T5, T6
Surface	Anodize (clear, satin, bronze, black, golden, silver, other multicolor) , electrophoresis, powder coating, PVDF coating, wood grain painting, etc.
MOQ	1 ton. Usually 12 tons for a 20 feet container; 24 tons for a 40 feet container.
Profile type	Industry Aluminum profile used in cars, trains machinery ,trailers ,electronics, medical and other industrial filed .
Machining	1. milling; 2. Drilling; 3. Bending; 4. Cutting ...
Moulding	1. Using our moulds, free; 2. Using customer' s drawing, opening mould fee need to be paid .
Certificate	ISO14001:2004, ISO9001:2000
FOB Port	Shanghai, etc.

#### Applications:

Industry Aluminum profile used in cars, trains machinery ,electronics, medical and other industrial filed . In terms of hardware, machinery, electromechanical parts, solar PV products, aluminum frames are adopt as important auxiliary materials. We also have aluminum profiles for radiators, fitness machinery, buildings, lighting instrument, windpipes, oil pipelines, for instance.

#### 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)Engineering design and support.
- 2)Aluminium profiles deeply processing:cutting,punching,drilling,milling,and fabricating.
- 3)High Quality system, strictly inspection during production and whole inspection before package.
- 4)Good performance, product warranty for 15 years.



 **HENTEC** Hentec Industry Co.,Ltd

 +86-13861643436

 [aluminum@hentec.com.cn](mailto:aluminum@hentec.com.cn)

 [aluminumextrusion-profiles.com](http://aluminumextrusion-profiles.com)

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