



## Anodized Electric Motor Shell Industrial Aluminium Profile 6063 T5

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: HT
- Certification: CA ,CE
- Model Number: KTES-087
- Minimum Order Quantity: 500pcs
- Packaging Details: Ep paper ,kraft ,pallet
- Delivery Time: 20days
- Payment Terms: T/T ,L/C
- Supply Ability: 100 000ton each month



### Product Specification

- Material: Aluminum Alloy
- Surface: Anodized
- Color: Natural
- Temper: 6063 T5
- Deep Process: Cutting ,Drilling ,Milling
- Packing: Pallet / Wooden Case
- Highlight: electric motor shell industrial aluminium profile,  
industrial aluminium profile 6063 t5,  
cutting aluminum extrusion 6063 t5



## Product Description

### Anodized Industrial Aluminum Extrusion Profiles / Aluminium Electric Motor Shell

#### Description:

Raw materials: 6063, 6061, 6005, 6082  
 Temper: T5, T6  
 Surface Treatment: Mill, Anodized, Powder Coated, Wooden Transfer, etc  
 Process: cutting, milling, punch, stamping, drill, CNC, etc.  
 One-stop Service: Mould, Extrusion, Finishing, Fabricator and Assembly, Delivery.  
 Packing: carton and pallet  
 Delivery lead-time: 15-25 days  
 Various sizes and styles are available  
 Customized requirements are accepted  
 OEM and ODM orders are welcome

#### 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%       |

##### 2.Specifications:

Excellent material for smooth and subtle edges.  
 Elegant appearance.  
 Surface treatment: colorful anodized or electrostatic powder coated.  
 Suitable for constructions and other industrial purposes.  
 Customized surface finishes are welcome.

##### Competitive Advantage:

- 1)Engineering design and support.
- 2)Aluminum 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.



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