



Customized Industrial Aluminium Profile / Aluminum Extrusion Motor Shell with Sand Blasting

Our Product Introduction

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

Basic Information

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



Product Specification

- Material: Aluminum
- Temper: 6063-T5 , 6061-T6
- Surface: Sandblast , Anodized , Powder Painted
- Deep Process: Cutting , Drilling , Milling
- Color: Customized
- Application: Motor Shell
- Highlight: **aluminium door frame,
aluminium extruded profiles**

Product Description

Customized Industrial Aluminium Profile / Aluminum Extrusion Motor Shell with Sand Blasting

1. Alloy :6063,6061,6005 or according to customer' s choice
2. Material:Aluminum
3. Surface Treatment: Mill Finished,Anodized ,Electrophoretic coated,Powder spray coated,Fluorocarbon powder spray coated /PVDF Paint, Drawbench,Steel polished,Wood grain coated /Wooden transfer .
4. Deep process: Milling, Drilling, Bending,Cutting.

Advantage :

ISO9001, 2000 Certificate
Good quality and low price
Contact us without hesitation

- * Material: Aluminum Alloy
- * Product weight: From 0.01kg to 100kg/PCS
- * Die, sand and mould casting are all available
- * Software for drawing: PRO/E, Auto CAD, UG, CAD, PAF and Solidwork 2008 flow analysis
- * Further machining work: Turning and cutting, milling, grinding, drilling, reaming and threading
- * OEM/ODM parts range: Auto parts, electronic parts, furniture parts, home appliance and other industrial uses
- * Process: CAD surface, metal processing, surface plating, QC testing and packaging
- * Made according to customers' drawing, specification or/ and samples
- * Casting capacity: 200 tons to 500tons/per month

Aluminum casting by sand casting process, die casting process, permanent mould(chill casting or gravity casting) process, OEM is acceptable.

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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