



## Black Anodized Industrial Aluminum Profile / Cylinder Shell For Motor Housing

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: HENTEC
- Certification: CA ,CE
- 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: **aluminium door frame,  
aluminium extruded profiles**

## Product Description

### Black Anodized Industrial Aluminum Profile / Cylinder Shell For Motor Housing

#### Description:

##### DETAIL FEATURES:

- 1) Quality material: 6063 (6061, 6060, 6005, 6082 available)
- 2) Machining: CNC machining (Lathe/ Mill / Polish / Punch / Drill / Tap / Bend/ Weld are available. )
- 3) Finishing: Silver anodizing (Hard anodized / Powder coating / Painting / Silkscreening, Mill, etc. )
- 4) Shape: Square (Round, Retangular, Hexagonal, Ovel, Angle, Flat, etc. )
- 5) OEM design/specifications are welcome

Quotation is usually based on:

- 1) Detail drawings;
- 2) Buyers' samples;
- 3) Specification, pictures of the products.

Item	Original product	Alternatives
Extrusion Tolerance	GB /T5237-2000 (Chinese Standard)	EN-755-2/3/6/8, BS-1474, BS 1161 (British Standards) JIS H4100 (Japanese Standard) AS/NZS1866-1997 (Australian New Zealand Standard)
Machining Tolerance	GB/T1804-92	BS 8118 TS1649
Standard for Anodizing	GB5237.2-2004	BS1615: 1987 BS5599: 1993 Mil-A-8625E Type II Mil-A-8625E Type III
Manufacturing process	Die designing→ Die making→ Smelting& alloying→ Extruding→ Cutting→ CNC machining→ Drilling→ Tapping→ Surface treatment→ Welding→ Assembling→ Packing	
Packing method	1. Standard packing: Each profile is seperated wrapped in plastic sheet in order to protect the profiles' surfaces, kraft paper wrapped in bundles. 2. Special packing: wooden cases. 3. Bundles or boxes with wooden bars 4. EPE+carton boxes. 5. Customized packing methods are welcomed 6. 13 tons to a 20 feet container, 20 tons to a 40 feet container	

#### Applications:

- 1) QUALITY GUARANTEED: One-stop service, tool design, smelting, extruding, machining, surface treatment, packing as well as assembling can be all finished in house.
- 2) RELIABLE QUALITY: Our company is ISO9001: 2008 & TS16949: 2009 certified
- 3) High Efficiency: Most competitive price with short lead time for tooling design and the parts
- 4) Efficient COMMUNICATION (48-hour quotes price/lead time/MOQ)
- 5) Compliant test with RoHS

#### 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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