



CNC Machining Extruded Aluminum Case With Drilling / Milling / Tapping

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hentec
- Minimum Order Quantity: 500KG
- Packaging Details: wooden case , pallet
- Delivery Time: 20days



Product Specification

- Material: Aluminum
- Alloy: 6063/6061/6060/6005
- Temper: T4/T5/T6
- Surface: Powder Coating
- Logo: Silk Screen
- Water Proof: Water Proof
- Highlight: **aluminum electrical enclosures,
extruded aluminum enclosure boxes**

Product Description

CNC Machining Aluminum Electrical Shell , With Drilling , Milling , Tapping

- 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
- 4.Deep process: Milling, Drilling, Bending,Cutting.
- 5.Temper: T4, T5, T6 ,T66

Products Details

Aluminium Products Details	
Material	Alu alloy 6000 series, 6005 6060 6061 6063
Temper	T5 or T6
MOQ	1 ton
Price Term	FOB, CIF, EXW etc
Port	Shanghai, China
Size	Can be customized
Shape	Round, oval, square or be designed.
Color	Black, golden, champagne, light green etc
Surface Treatment	Silver Anodized, powder coating, mill finished etc
Standard	GB/T5237-2000 & GB/T6892-2006, China standard
Certification	ISO9001-2008 & ISO14001-2004 & ROHS
Packing	Usually EP film inside, plastic film or carton outside
Delivery Time	Usually within 10-20 working days after receiving 30% advanced payment
Production Capacity	150 tons per day
Application	Widely used in construction, decoration, and varied industry fields
Deep Processing	Extrude, precious cut, punch, drill, mill, tap, rivet etc

. Production Lines

Production Lines	Name	Qty	Max Product Length
Extruding Lines	600 ton extruder	5	
	800 ton extruder	2	
	1000 ton extruder	1	
	1250 ton extruder	1	
	1800 ton extruder	2	
Surface Treatment Lines	4500 ton extruder	2	
	Anodizing	2	≤6.5 m
	Powder coating	2	≤13 m
	Electrophoresis	1	≤6.5 m
	Wooden transfer	1	≤6.5 m
Deep Processing Lines	Hot insulation cold bridge	1	≤6.5 m
	Cutting machine	3	
	Punching machine	5	
	Milling machine	3	
	CNC machine	4	
	Polishing machine	1	
	Tapping machine	5	
	Riveting machine	1	

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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