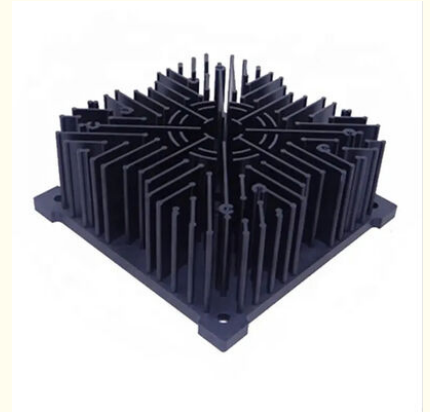




ODM Industrial Heatsink Spare Parts Aluminum Pressure Die Casting

Basic Information

- Certification: ISO 9001:2000
- Minimum Order Quantity: 100
- Price: 1.99



Product Specification

- Surface Preparation: Polishing
- Pressure Chamber Structure: Customized
- Machining: CNC Machining
- Production Capacity: 10000 Pieces/Year
- Alloy: Stainless Steel, Aluminum, Etc.
- Surface Treatment: Anodizing
- Casting Surface Quality: 12.5
- Material: Aluminum Alloy
- Tolerance Grade: 7
- Casting Dimension Tolerance: CT7-CT8
- Casting Surface Roughness: Ra 12.5um
- Casting Weight Range: 0.1-100kg
- Max Linear Size: 1200mm



More Images



Product Description

ODM Industrial Heatsink Spare Parts Aluminum Pressure Die Casting

Metalplus specializes in aluminum industrial profile design and manufacturing with a production base of more than 100,000 square meters and annual capacity exceeding 100,000 tons.

Product Range

Aluminum Profile	Aluminum Fan Blade Profiles
Aluminum Profile System	
Aluminum Extrusion Enclosure	
LED Aluminum Extrusion Profiles	Die Casting
Aluminum Frame	Die Casting LED Housing
Customized Aluminum Profile	Stainless Steel Casting
Aluminum Heat Sink	Aluminum Casting
Electric Motor Housing Aluminum Profile	ACP (Aluminum Composite Panel)
Construction Aluminum Profile	
Aluminum Extrusion Tube	

Product Description

Aluminum is the most frequently used material for aluminum castings to produce lightweight parts. The basic principle of low pressure casting involves filling aluminum molds and completing solidification under low working pressure (0.06-0.15MPa) to obtain high-quality castings.

Precision die casting parts are widely used in hardware components, automotive motor parts, machinery parts, medical equipment, and various industrial applications.

Specifications

Parameter	Details
Material	Aluminum Alloy, Carbon Steel, Alloy Steel, Stainless Steel
Process	Drawings → Mould Making → Die Casting → Rough Machining → CNC Machining → Surface Treatment → Product Checking → Packing → Delivery
Casting Dimension Tolerance	CT7-CT8
Casting Surface Roughness	Ra 12.5μm
Casting Weight Range	0.1-100kg
Casting Size	Max linear size: 1200mm, Max diameter size: 600mm
Machining Precision	Positioning accuracy 0.008mm, Repeat positioning accuracy 0.006mm
Machining Surface Roughness	Ra 0.8-6.3μm
Max Travel Of Spindle	1800mm × 850mm × 700mm
Max Turning Diameter	1000mm
Material Standards	GB, ASTM, AISI, DIN, BS, JIS, NF, AS, AAR
Surface Treatment	Electroplating, Chrome Plating, Zinc Plating, Nickel plating, Electrophoresis, Anodization, Polishing, Powder coating, Sandblasting, Passivation, Spray painting, etc.

Casting Process Types	High Pressure Die Casting (HPDC) Vertical Low Pressure Die Casting (LPDC) Precision Sand Casting Lost Foam Casting Investment Casting Metal Casting
Service Available	OEM & ODM
Quality Control	0 defects, 100% inspection before packing
Application	Train & railway, automobile & truck, construction machinery, forklift, agricultural machinery, shipbuilding, petroleum machinery, construction, valve and pumps, electric machine, hardware, power equipment, etc.
MOQ	1 TON
Payment Terms	T/T, L/C at sight
Port	Shanghai Port

Our Advantages

We export the majority of our customized products to the United States and Europe, building long-term relationships with regular customers. Our extensive experience enables us to easily satisfy diverse customer requirements.

- Over 17 years of manufacturing experience in Aluminum Extrusion
- Strong design capabilities with fast extrusion, CNC machining, milling, and turning services
- Complete metal processing facilities including stamping, laser cutting, CNC bending, and welding
- Comprehensive quality control throughout the manufacturing process for long-term stability and excellent quality

Technical Support

- Custom design services for extruded profiles including CAD drawings and 3D models
- Professional R&D team for design analysis and optimization to reduce costs and improve performance
- One-stop service covering product design, mold customization, aluminum bar melting, extrusion profiling, precision machining, and surface treatment

Factory Equipment

Extrusion

Equipped with 44 aluminum extrusion lines capable of producing commercial and industrial aluminum profiles with maximum outer diameter of 350mm. Our largest 6800-ton extruder handles industrial profiles up to 600mm diameter for radiators, industrial fan blades, motor enclosures, solar cell frames, and architectural applications.

Anodizing

Six anodizing production lines create uniform oxidation film thickness and color in silver, black, gold, champagne, and imitation steel finishes. Strict quality control ensures consistent batch-to-batch color matching.

Painting

Four powder spraying lines using Gema Switzerland nozzles with environmentally friendly paint for strong adhesion and durable color retention.

CNC Machining

Advanced machining equipment including 12 PRATIC machining centers for profiles up to 6 meters, automatic cutting machines from Wegoma, 30 punching machines (50-100 tons), bending machines, and milling machines for complex profile processing.

[Redacted]

[Redacted]

Packing & Shipping

Finished products are manually packaged with strict warehouse management procedures. All transactions are recorded and products examined before delivery.

[Redacted]

Certifications

[Redacted]

Company History

- 2004: Recognized brand of the building industry material market
- 2006: Product exemption from quality surveillance inspection certificate and ISO9001 certification
- 2009: Advanced company, Jiangsu famous brand certificate, credible product of quality in Jiangsu Province
- 2012: Established business relationships with Panasonic and LG
- 2015: Innovative producer and supplying partner for European clients
- 2017: Developed new baseboard heater products
- 2019: Cooperated with world's largest heater manufacturers as aluminum shell supplier
- 2023: Expanding overseas distributor network for win-win benefits

Notable Projects

Soccer City Stadium, Johannesburg

As the main aluminum supplier for Africa's largest stadium (94,000 seats), we contributed to this major South African construction project.

[Redacted]

[Redacted]

Lobster Trailers

Collaboration with Nordic trailer giant featuring design optimization and excellent processing to minimize production costs and improve product performance.

[Redacted]

School Project

Supplied aluminum legs for school desks, supporting local customer Dadn in winning school project bids through strong design and mature technology.



+86-13861643436 aluminum@hentec.com.cn aluminumextrusion-profiles.com

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