



Customized Aluminium Die Casting Parts With Shot Blasting

Our Product Introduction

Basic Information

- Place of Origin: China
- Certification: ISO9001:2015
- Minimum Order Quantity: 1000pcs
- Price: Negotiable
- Packaging Details: Carton and wooden case
- Delivery Time: 35-45 days
- Payment Terms: T/T, Paypal
- Supply Ability: 100000pcs



Product Specification

- Material: Aluminium ADC12
- Surface Treatment: Shot Blasting
- Tolerance: +/-0.3MM
- Weight: 500g/pc
- OEM: Available
- Color: Natural



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Product Description

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Product Specifications

Specification	Details
Product Name	Customized Aluminium Die Casting Parts With Shot Blasting
Die Casting Mould	Profound Experience
Material	Aluminium ADC12
Surface Treatment	Shot Blasting
Tolerance	±0.3mm
Weight	500g per piece
Certificate	ISO9001:2015
OEM	Available

Process Description

Die casting is a precision metal casting process that involves forcing molten metal under high pressure into a mold cavity. The mold cavity is created using two hardened tool steel dies machined into specific shapes, operating similarly to injection molding systems. Most die cast components are manufactured from non-ferrous metals including zinc, aluminum, and related alloys.

Key Advantages

- Aluminum's lightweight properties enable strong, durable parts without excessive weight
- Thinner wall sections can be cast compared to sand and permanent mold casting (approximately 0.75 mm)
- Customizable surface textures from smooth to well-textured finishes
- High-volume production capabilities with rapid cycle times
- Exceptional tensile strength up to 415 megapascals (60 ksi)

Industry Applications

Automotive, Aerospace, Energy, Electronics, Construction, Engineering, and Medical sectors.

Product Images



Manufacturing Capabilities

C&A Industrial Component Ltd. is a China-based manufacturer specializing in custom metal components, hardware, fittings, valves, and PVC products. We collaborate with over 20 manufacturing facilities throughout China, utilizing advanced processes including pressure die casting, machining, and stamping. Our partner facilities maintain ISO9001 and TS16949 certifications, with manufacturing operations concentrated in Zhejiang and Jiangsu regions, supported by a dedicated USA sales office for North American customers.



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