



## 0.05mm Tolerance Automotive Custom Small Gears MIM Powder Metal Injection Molding Parts

Our Product Introduction

for more products please visit us on [mimmetalparts.com](http://mimmetalparts.com)

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: MDM
- Model Number: MDM
- Minimum Order Quantity: 1000 pieces
- Price: \$0.58/pieces 1000-1999 pieces



### Product Specification

- Surface Treatment: Chrome Plating
- Technology: Metal Powder Injection Molding(MIM)
- Application: Automotive
- Package: Tray And Carton
- Tolerance: Generally 0.05mm



### More Images



## Product Description

### Company Information

Dongguan Minda Metal Technology Co.,Ltd. Was founded in 2015. We specialize in producing MIM parts, PM part, CNC machining parts and Aluminum alloy, Magnesium alloy and Zinc alloy die casting parts. At the same time we also undertake the corresponding product mold design and development and production.

Our professional sales staff will communicate and understand the needs of customers in a timely manner and convey to the technical staff, and the general manager will quickly give the quotation scheme suitable for the product.

In the production process, we will check the quality of products at any time. The product will be fully inspected before shipment to ensure that none of the defective products reach the customer's hands.

You have the right needs and we have the right expertise, for hardware accessories solutions please feel free to contact us, we are there for you 7x24h.



sintering furnace



injection machine



debinding machine



CNC center



milling machine



CNC machining



1000 ton die-casting machine



mold workshop



post procesing workshop

### MIM Industrial Product Solutions

**Door hardware** – Lock housings, cylinders, carriers, pins

**Hand and power tools** – Handles, bits, keyless chucks, blade clamps, pawls, ratchet mechanisms

**Electronics** – Sensor housings, fiber optic connectors, microwave packages, heatsinks

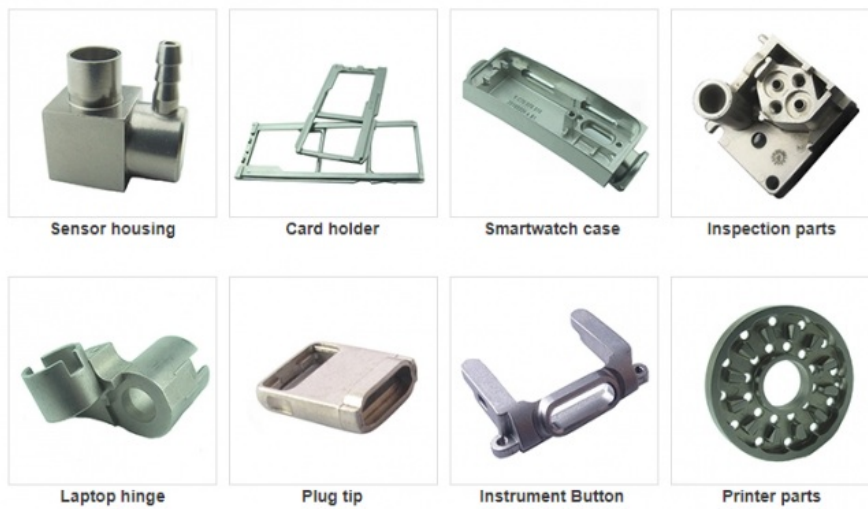
**Hydraulics** – Valve spools, housings, lavatory fixtures

**Fasteners and Hardware** – Aerospace

**Plumbing** – Valve spools, faucet hardware

**Safety** – Fall protection mechanisms

**Oil & Gas** – Valve components for high corrosion applications



Our zero-defect customized precision metal products and components have earned us close relations with some of the most distinguished names in many field industry, with abundant powder metallurgy experience.

#### Consumer Electronics



#### Automotive Parts

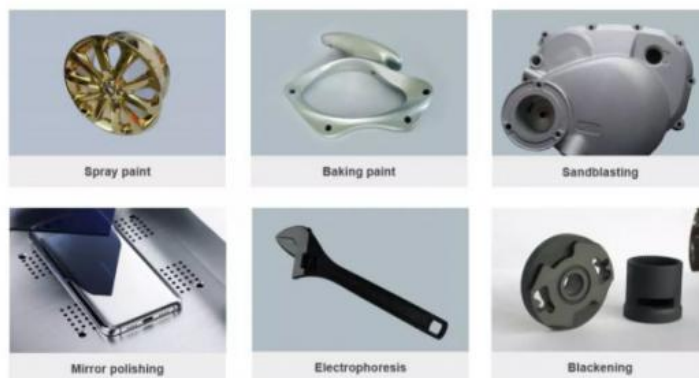


#### Medical Instruments



#### Surface Treatment

MDM can offer such surface finish (secondary process) as sandblasting, electric polishing, magnetic grinding, laser engraving, PVD, carburizing, Permeability nitrogen and annealing.



Forming ability comparison of MIM and precision casting:

Feature	Precision casting	MIM
Min hole diameter	2mm	0.4mm
Max depth for 2mm blind hole	2mm	20mm
Min wall thickness	2mm	0.3mm
Max wall thickness	No limit	10mm
Tolerance for 4mm diameter	±0.2mm	±0.04



Surface roughness(Ra)	5μm	1μm
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Comprehensive comparison of MIM and other processes:

Process Content	MIM	PM	Precision casting	CNC machining
Density	90%	86%	98%	100%
Tensile strength	high	Low	High	High
Finish	high	middle	Middle	high
Miniaturization capability	high	middle	Low	Middle
Thin all capability	high	middle	middle	Low
Complexity	high	Low	middle	High
Tolerance of design	high	Middle	middle	Middle
Material range	high	high	middle	high

### Strong Logistics System:



**DHL**  
中外运敦豪



**FedEx**  
Express



**EMS**

- ✓ Strong Logistics Management Team
- ✓ Foreign Trade Documents specialist
- ✓ Import and export License Available
- ✓ Customs clearance Capability
- ✓ On-time Delivery & Highest Quality of Service



**TNT**



**By Sea**



### FAQ

#### 1.Are you a manufacture or a trading company?

A:We are a manufacture & trading company with over 10 years' experience in custom machining service.

#### 2. Can you make casting according to our drawings?

A:Yes,we can. We are specialize in custom services based on drawings, Eepecially medical equipment accessories, auto parts, ect..

#### 3. What kind of materials are used on your products normally ?

A: Steel, Aluminum, Brass, Stainless Steel,Bronze,Titanium alloy,ect..

#### 4.What is the payment term?

A: T/T, L/C, D/P, D/A acceptable, just let us know which is convenient for you.

### Our Advantage:

# WHY CHOOSE US



**Dongguan Minda Metal Technology Co., Ltd.**



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