

# **Expertly Designed Powder Injection Molding Parts for Superior Performance**

## **Basic Information**

Place of Origin: ChinaBrand Name: MDM

· Certification: ISO9001:2015 Model Number: MIM003 Minimum Order Quantity: 1000 pcs • Price: \$0.2~\$1.0/piece · Packaging Details: PE bag+carton+pallet • Delivery Time: 20-30 work days Payment Terms: T/T, Alipay, Paypal . Supply Ability: 50000 pcs per month



## **Product Specification**

Corrosion Resistance: Excellent
 Density: 7.8 G/cm³
 Temperature Resistance: Up To 800°C

Material: Iron,17-4ph, 304L, 316L, 420, FN08
 Surface Treatment: Black Oxide, QPQ, Polishing, PVD

Wear Resistance: High
Hardness: HRC 40-60
Tolerance: ±0.05mm
Dimension: Customized

Production Process: Metal Injection Molding

• Color: Silver, Black, Red, Blue, Golden Etc.

Strength: ≥1000 MPa
 Elongation: ≥10%

Application: Automotive, Electronics, Medical, Etc.



# More Images







# **Product Description**

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Technology	Powder Metallurgy	Metal injection molding
General Material	Fc0208, Fn0208, SMF5040	17-4Ph, 4605, FN08, 420SS, 304L, 316L
Density	6.7-6.8g/cm <sup>3</sup>	7.7-7.8 g/cm <sup>3</sup>
Hardness	Fc0208(20-30HRC) Fn0208(35-40HRC)	17-4Ph(35-40HRC) 4605(45-50HRC)
Application	Medical apparatus and instruments, Hardware field, Automobile industry, Home appliances Aerospace industry, Automation field etc.	



**Production Workshop** 



sintering furnace



injection machine



debinding machine



CNC center



milling machine



**CNC** machining



1000 ton die-casting machine



mold workshop



post procesing workshop

Custom MIM Parts with various kinds of shape



Packing and Shipping:



Packed in foam envelope Protect the products from scratch and rust



Protect the products from Damage and rust



Outer package, with carton boxes with 0.6mm thick to keep the parts safe and complete to arrive at the destination

#### FAQ

### Q: What materials can you process?

A: Steel 4340,4140, Stainless steel 304, 316, 420, Aluminum 6061, 7075, Brass, Copper, POM, Titanium etc.

#### Q: Can you protective my business, will my drawing be safe after you get it?

A:Yes, we can sign the NDA before you send the drawing.

#### Q: What type of drawings can you read?

A: We can read STEP, IGS, CAD, PDF, Solid works, etc.

#### Q: Do you provide samples?

A: Yes, for the molding parts we can supply free samples. For CNC parts we need to charge for samples and refund when place the mass production order.

#### Q: How soon can I get your quotation?

A: Normally 12 hours to 24 hours.

## Q: What's the lead time?

A: 7-30 working days, depends on the order quantity.

#### Q: Can you do surface treatment for the products?

A: Yes. We can do heat treatment for iron and steel parts, hardness is 30-60 HRC according to the requirements. And black oxide, electric plating.

PVD coating for stainless steel with black, silver, blue, rose gold and many colors.

For aluminum parts, we can do anodize for different colors.



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