

# **Customized Silicone Vacuum Casting Parts For** Aerospace

### **Basic Information**

• Place of Origin: Guangdong, China • Brand Name: INDUSTRIAL-MAN

• Certification: IATF 16949: 2016/ISO 9001:2015

• Model Number: OEM 1PC • Minimum Order

Quantity:

• Price: Negotiable

• Packaging Details: As the requirement of customer

• Delivery Time: 3-7 work days

• Payment Terms: L/C, D/A, D/P, T/T, Western Union,

MoneyGram

500Pcs/ Month • Supply Ability:



## **Product Specification**

• OEM/ODM: Avaliable IGS STP STL • Drawing Format:

• Equipment: **CNC Machining Vacuum Cating** 

• Tolerance: 0.01- +/-0.005mm

• Type: Broaching, DRILLING, Laser Machining,

Milling, Turning, Wire EDM, Rapid

Prototyping

• Surface Treatment: Customer's Request

• Highlight: **Customized Silicone Vacuum Casting,** 

aerospace Silicone Vacuum Casting, Aerospace vacuum cast parts



## **Product Description**

Vacuum Casting Metal is a process of creating precise and intricate metal parts. The process combines Vacuum Formed Metal, Vacuum Pressure Casting and Vacuum Die Casting. It is achieved by using CNC Machining and a Vacuum Chamber. This process provides superior surface treatment and an accurate finish. The parts produced by Vacuum Casting Metal are ideal for a variety of industries, including automotive, aerospace, and medical.

INDUSTRIAL-MAN provides Vacuum Casting Metal with superior quality and accuracy. We offer OEM/ODM services and customize the product according to the customer's request. Our Vacuum Casting Metal is certified by IATF 16949: 2016/ISO 9001:2015 for quality assurance. We are known for our Vacuum Casting Metal with high precision, excellent surface treatment, and long-lasting durability.

#### Features:

Product Name: Vacuum Casting Metal Drawing Format: IGS STP STL

Certification: IATF 16949: 2016/ISO 9001:2015 Equipment: CNC Machining Vacuum Cating

Tolerance: 0.01- +/-0.005mm

Type: Broaching, DRILLING, Laser Machining, Milling, Turning, Wire EDM, Rapid Prototyping Special Feature: Vacuum Formed Metal, Vacuum Formed Metal, Vacuum Die Casting Advantage: CNC Machining, High Accuracy, IATF 16949 and ISO 9001 Certification

#### **Technical Parameters:**

Parameters	Specification
Drawing Format	IGS STP STL
Certification	IATF 16949: 2016/ISO 9001:2015
OEM/ODM	Avaliable
Туре	Broaching, DRILLING, Laser Machining, Milling, Turning, Wire EDM, Rapid Prototyping
Surface Treatment	Customer's Request
Tolerance	0.01- +/-0.005mm
Equipment	CNC Machining Vacuum Casting
Brand Name	INDUSTRIAL-MAN
Process	Vacuum Metal Casting, Vacuum Pressure Casting, Vacuum Casting Process

#### **Applications:**

Industrial Man's Vacuum Casting Metal is a cost-effective and high-precision manufacturing solution for producing complex metal parts. This technology utilizes a vacuum die casting or vacuum pressure casting process to produce highly accurate and repeatable parts with high-strength and uniform properties. The process also offers a wide variety of surface finishes and shapes. The vacuum die casting process involves the use of specialized vacuum chambers and a vacuum casting metal alloy. The alloy is heated to the desired temperature and then injected into a die under vacuum. This process creates a uniform and consistent casting with excellent dimensional accuracy and surface finish. The Vacuum Assisted Casting process also offers a wide range of surface finishes such as anodizing, electroplating, and polishing.

The Vacuum Casting Metal is capable of producing intricate and complex shapes with excellent dimensional accuracy and can achieve tolerances of up to +/- 0.005mm. It is also ideal for producing complex parts with thin walls and intricate features. Furthermore, the process can be used to cast a variety of metal alloys such as aluminum, copper, brass, stainless steel, and other ferrous and non-ferrous metals. The Vacuum Casting Metal can be used to produce parts for a variety of industries such as automotive, aerospace, medical, and industrial.

Industrial Man's Vacuum Casting Metal is designed for CNC machining and can be customized according to customer's requests. It is also equipped with advanced equipment for vacuum casting and can provide a variety of surface treatments such as anodizing, electroplating, and polishing. With its high-precision and repeatability, Industrial Man's Vacuum Casting Metal is the perfect solution for producing exact and complex parts.

#### **Customization:**

Industrial Man Custom Vacuum Casting Metal Service

Industial Man offers custom Vacuum Casting Metal service that meets your requirements. Our Vacuum Casting Metal service is backed by our brand name, Industrial Man, model number OEM, and place of origin Guangdong, China. Moreover, we provide drawing format IGS STP STL, various surface treatments, and tolerance 0.01- +/-0.005mm. We can also provide various machining types such as Broaching, DRILLING, Laser Machining, Milling, Turning, Wire EDM, Rapid Prototyping with our machining equipment, CNC Machining Vacuum Cating.

Our Vacuum Casting Metal service is based on our expertise in Vacuum Investment Casting, Vacuum Casting Process, Vacuum Die Casting, and Vacuum Sand Casting.

#### **Support and Services:**

Vacuum Casting Metal Technical Support and Service

At Vacuum Casting Metal, we provide technical support and service to our customers. Our team of experienced professionals can answer any questions you may have about your product and provide assistance when you need it.

We understand that our customers may encounter a variety of problems when using our products, and we are here to help. Our technicians are available 24 hours a day, 7 days a week to provide assistance and troubleshoot any issues you may have. Our team of experts can provide advice on product installation, maintenance, and repair. We can also provide product training and help you get the most out of your product. Our goal is to ensure that your product works as intended and that you are satisfied with your purchase.

If you have any questions or concerns about Vacuum Casting Metal products, please do not hesitate to contact us. We are here to help and are dedicated to providing excellent customer service.

### Packing and Shipping:

Vacuum Casting Metal packaging and shipping:

Vacuum Casting Metal products are securely packaged in strong cardboard boxes with foam inserts to prevent damage during transport. Bubble wrap is used to protect the product from impacts and scratches. The boxes are then sealed with tape and labeled with the name of the product and other shipping information. The boxes are then placed on pallets for shipment by a third-party carrier.

#### FAQ:

- Q1: What is Vacuum Casting Metal?
- A1: Vacuum Casting Metal is a rapid prototyping process developed by Industrial Man. It is used to create production-grade moldings and castings at a fraction of the cost and time of traditional methods.
- Q2: What is the model number of Vacuum Casting Metal?
- A2: The model number of Vacuum Casting Metal is OEM.
- Q3: What is the place of origin of Vacuum Casting Metal?
- A3: The place of origin of Vacuum Casting Metal is Guangdong, China.
- Q4: What are the advantages of Vacuum Casting Metal?
- A4: Vacuum Casting Metal offers many advantages, such as low cost, high accuracy, and fast turnaround times.
- Q5: What is the brand name of Vacuum Casting Metal?
- A5: The brand name of Vacuum Casting Metal is Industrial Man.



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