



## High-Tolerance Precision and Durability Custom Metal Brackets for Medical Device Structural Components

Our Product Introduction

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

### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: MB-ST-071
- Minimum Order Quantity: 1 pcs
- Price: USD \$0.1-\$1.99
- Packaging Details: Carton, As Customers' packaging requirements
- Delivery Time: Samples 7-10 days, Mass production 20-25 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 50000 pcs per week



### Product Specification

- Supply Type: OEM Service
- Material Capabilities: Stainless Steel, Brass, Aluminum, Steel
- Process: Bending, Laser Cutting, Welding, Stamping
- Application: Auto, motorcycle, industry, agriculture, furniture, etc.
- Packing Details: Carton, Wooden Case, Plastic Cargo
- Color: Black, Silver, Customized Color
- Place Of Origin: China



### More Images



## Product Description

### What We Can Provide

High-Tolerance Precision and Durability Custom Metal Brackets for Medical Device Structural Components

#### Description Of High-Tolerance Precision and Durability Custom Metal Brackets for Medical Device Structural Components

High-tolerance precision and durability custom metal brackets are specialized components engineered to meet the stringent demands of medical device structural applications. These brackets are fabricated from high-grade metals such as stainless steel, titanium, or medical-grade alloys, ensuring compatibility with the biocompatible and sterilization requirements of the medical industry.

#### Material Of High-Tolerance Precision and Durability Custom Metal Brackets for Medical Device Structural Components

Material	Stainless steel, Aluminum, Brass, Copper etc.
Process	Stamping, Deep drawing, Laser cutting, Bending, Welding, CNC etc
Surface treatment	Zinc plating, Nickel plating, Powder coated, Paint, Brushed, Polishing, Anodized, Hot dip galvanizing etc.
MOQ	100pcs
Size	Customized Size
Certificate	ISO9001:2015
Design	3D/CAD/Dwg/IGS/STP
Package	Bubble Bag+ Carton+ Wooden Box
Application	Metal part in all fields
Service	Customize ODM OEM

#### Application Of High-Tolerance Precision and Durability Custom Metal Brackets for Medical Device Structural Components

1. Construction: Metal angle brackets are extensively used in the construction industry for connecting beams, joists, and rafters. They provide critical support and reinforcement to building structures, ensuring stability and load distribution.
2. Shelving: Angle brackets are widely used as shelf supports for wall-mounted shelves in homes, offices, retail stores, and warehouses. They help create sturdy and reliable shelving systems.
3. Furniture Assembly: Metal angle brackets are essential in furniture assembly, helping to connect components and reinforcing joints in tables, chairs, cabinets, and bed frames.

#### Quality Control

1. Checking the raw material after they reach our factory----- Incoming quality control ( IQC)
2. Checking the details before the production line operated
3. Have full inspection and routing inspection during mass production---In process quality control(IPQC)
4. Checking the goods after they are finished---- Final quality control(FQC)
5. Checking the goods after they are finished-----Outgoing quality control(OQC)

### Why Choose Us

#### Our Advantages

##### Enhanced Performance and Reliability:

The high-tolerance precision ensures that the brackets fit perfectly within the medical device, minimizing play or movement that could lead to malfunction or reduced accuracy. This reliability is critical in applications such as surgical instruments, imaging equipment, or prosthetic devices, where precision can directly impact patient safety and treatment efficacy.

##### Longevity and Cost-Effectiveness:

Durability means these brackets can endure the rigors of daily use and repeated sterilization without significant wear or corrosion. This extends the lifespan of the medical device, reducing the need for frequent replacements or repairs, thereby lowering long-term costs for healthcare providers.

##### Biocompatibility and Safety:

Custom metal brackets are often made from materials that are biocompatible, meaning they do not cause adverse reactions when in contact with human tissue or fluids. This is essential in medical devices to prevent infections, allergic reactions, or other complications, ensuring patient safety is paramount.

### Customization for Specific Applications:

The ability to customize these brackets allows for precise engineering to meet the unique requirements of each medical device. Whether it's a specific shape, size, or attachment mechanism, customization ensures seamless integration and optimal performance, enhancing the overall functionality and user experience of the device.

## Aluminum Material

### Material:

Aluminum 5052

Aluminum 6061

Aluminum 6063 etc

### Finish:

Anodic Oxidation

Polishing

Powder Coating

Spray Painting



## Why Choose Us



## Multiple Machines

5-Axis CNC & Imp Professional machines, skillful workers, machines, skillful  
with accuracy of guarantee the quality and lead time. guarantee fast lead time



## Strictly Confidential

We will protect the customers' design  
and the customer can request a  
confidentiality agreement



## Quality Inspection

We have a strict quality inspection  
process to ensure the quality of our  
products

## Factory Show

## Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



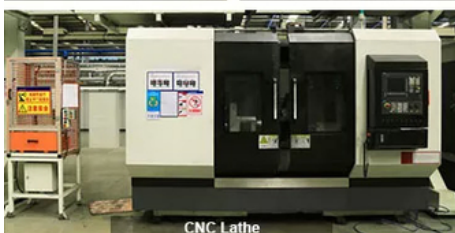
Hydraulic Press Machine



SLS/SLA Machine



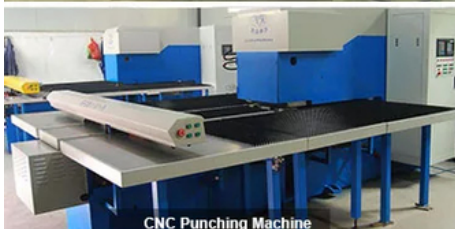
5-Axis CNC



CNC Lathe



Laser cutting Machine



CNC Punching Machine



Injection Molding machine





## FAQ

1. How can I get the price? - We usually quote within 24 hours after we get your inquiry (except weekend and holidays). If you are urgent to get the price, please email us or contact us in other ways so that we can offer you a quote.
2. Can I buy samples? - Yes. Please feel free to contact us.
3. What is your lead time? - It depends on the order quantity and the season you place the order. Usually we can ship within 7-15 days for small quantity, and about 30 days for large quantity.
4. What is your payment term? - T/T, Western Union, MoneyGram, and Paypal. This is negotiable.
5. What is the shipping method? - It could be shipped by sea, by air, or by express (EMS, UPS, DHL, TNT, FEDEX etc). Please confirm with us before placing orders.
6. How do you make our business long-term and good relationship? - We keep good quality and competitive price to ensure our customers benefit. Furthermore, we respect every customer as our friend and we sincerely do business and make friends with them, no matter where they come from.



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