



## Specialized Custom Metal Brackets for Medical Device Structural Components Precision and Durability Guaranteed

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-073
- 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

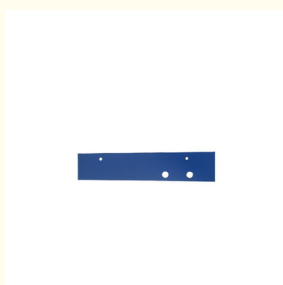


### Product Specification

- 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

Specialized Custom Metal Brackets for Medical Device Structural Components Precision and Durability Guaranteed

#### Description Of Specialized Custom Metal Brackets for Medical Device Structural Components Precision and Durability Guaranteed

Specialized custom metal brackets for medical device structural components are engineered to meet the exacting standards of the healthcare industry, where precision, durability, and reliability are paramount. These brackets are fabricated using advanced manufacturing techniques, such as CNC machining or sheet metal fabrication, to ensure tight tolerances and consistent quality. They are designed to withstand the rigorous demands of medical environments, including sterilization processes, biocompatibility requirements, and mechanical stresses, making them ideal for applications such as surgical instruments, diagnostic equipment, and implantable devices.

#### Material Of Specialized Custom Metal Brackets for Medical Device Structural Components Precision and Durability Guaranteed

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 Specialized Custom Metal Brackets for Medical Device Structural Components Precision and Durability Guaranteed

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

##### Unmatched Precision for Critical Applications:

Custom metal brackets are manufactured with exceptional precision, adhering to tolerances as tight as  $\pm 0.001$  inches for internal features. This level of accuracy ensures seamless integration with other components, reducing the risk of malfunction or failure during medical procedures. For example, in surgical instruments, even a minor deviation can affect performance, highlighting the importance of precision in medical device manufacturing.

##### Superior Durability for Long-Term Reliability:

Fabricated from high-grade materials such as stainless steel, titanium, or medical-grade alloys, these brackets offer exceptional resistance to corrosion, wear, and fatigue. This durability ensures that medical devices maintain their structural integrity and functionality over extended periods, even in harsh environments. For instance, brackets used in MRI machines or ultrasounds must withstand repeated use and sterilization without degrading, ensuring patient safety and device longevity.

##### Tailored Design for Specific Medical Needs:

Customization is a hallmark of these brackets, allowing manufacturers to create components that perfectly fit the unique requirements of each medical device. Whether it's adjusting the size, shape, or functionality, custom metal brackets can be engineered to meet precise specifications. This flexibility enables innovation in medical device design, facilitating the development of cutting-edge solutions that address specific clinical challenges.

**Compliance with Stringent Regulatory Standards:**

Medical devices are subject to rigorous regulatory requirements to ensure patient safety and efficacy. Custom metal brackets are designed and manufactured in compliance with international standards such as ISO 13485 for medical device quality management systems and ASTM specifications for material properties. This compliance ensures that the brackets meet the highest standards of quality, reliability, and traceability, facilitating regulatory approval and market access. Additionally, many manufacturers maintain certifications like ISO9001:2015, further demonstrating their commitment to quality and safety.

## 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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