



Custom Metal Brackets Precision Stamping Sheet Metal Fabrication for Advanced Customized Mounting Solutions

Our Product Introduction

for more products please visit us on cnc-metalmachining.com

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: MB-ST-056
- 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

Custom Metal Brackets Precision Stamping Sheet Metal Fabrication for Advanced Customized Mounting Solutions

Description Of Custom Metal Brackets Precision Stamping Sheet Metal Fabrication for Advanced Customized Mounting Solutions

Custom metal brackets engineered through precision stamping and sheet metal fabrication represent a cutting-edge approach to designing specialized mounting solutions tailored for industries requiring high precision, durability, and adaptability. These processes combine advanced manufacturing techniques with material science to produce brackets that meet stringent performance criteria while optimizing cost, weight, and functionality.

Material Of Custom Metal Brackets Precision Stamping Sheet Metal Fabrication for Advanced Customized Mounting Solutions

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 Custom Metal Brackets Precision Stamping Sheet Metal Fabrication for Advanced Customized Mounting Solutions

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

1. Unmatched Design Freedom & Functional Integration

Tailored to Unique Requirements: Unlike standard brackets, custom solutions can be designed for non-standard shapes, tight spaces, or multi-component integration (e.g., brackets with integrated cable management or sensor mounts).

Reduced Assembly Complexity: Brackets can be fabricated with pre-attached fasteners, welded sub-assemblies, or modular interfaces, minimizing installation time and error risks.

Future-Proofing: Designs can be easily modified for product iterations without retooling (sheet metal fabrication) or with minimal tooling adjustments (stamping).

2. Superior Performance in Demanding Environments

High Strength & Durability: Brackets withstand heavy loads, vibration, shock, and extreme temperatures due to optimized material selection and structural design.

Corrosion & Wear Resistance: Finishes (e.g., zinc plating, hardcoat anodizing) ensure longevity in harsh conditions (marine, industrial, outdoor applications).

Thermal & Electrical Management: Specialized coatings or materials (e.g., aluminum with thermal fins) improve heat dissipation or EMI/RFI shielding.

3. Cost-Effective Scalability & Rapid Development

High-Volume Efficiency: Precision stamping enables low per-unit costs for mass production while maintaining quality.

Low-Volume Flexibility: Sheet metal fabrication supports prototyping and small-batch runs without expensive tooling investments.

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



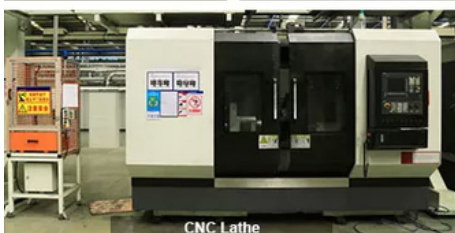
Hydraulic Press Machine



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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