



Custom Metal Brackets Industry-Specific Mounting Solutions Precision Stamping Sheet Metal Fabrication

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-058
- 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

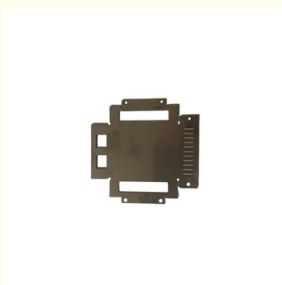


Product Specification

- 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 Industry-Specific Mounting Solutions Precision Stamping Sheet Metal Fabrication

Description Of Custom Metal Brackets Industry-Specific Mounting Solutions Precision Stamping Sheet Metal Fabrication

Custom metal brackets industry-specific mounting solutions precision stamping sheet metal fabrication is a sophisticated manufacturing approach dedicated to crafting bespoke metal brackets tailored to the distinct mounting requirements of various industries. This process combines advanced engineering, precision machinery, and high - quality materials to produce brackets that meet the exacting standards of different industrial sectors.

Material Of Custom Metal Brackets Industry-Specific Mounting Solutions Precision Stamping Sheet Metal Fabrication

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 Industry-Specific Mounting Solutions Precision Stamping Sheet Metal Fabrication

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. Tailored Design for Industry - Specific Requirements

Each industry has its own set of unique challenges and demands when it comes to mounting solutions. This fabrication process allows for the creation of brackets that are specifically designed to address these needs. For example, in the food processing industry, brackets can be made from food - grade stainless steel and designed with easy - to - clean surfaces to comply with hygiene regulations. In the renewable energy sector, brackets can be engineered to withstand harsh weather conditions and high wind loads for solar panel or wind turbine mounting. By customizing the design, the brackets can optimize performance, increase safety, and improve the overall efficiency of the industrial application.

2. High Precision and Accuracy

Precision stamping technology enables the production of brackets with extremely tight tolerances. This high level of precision ensures that the brackets fit perfectly with other components in the assembly, reducing the risk of misalignment, vibration, or premature wear. In industries such as electronics and precision engineering, where even the smallest deviation can cause significant problems, the accuracy of the stamped brackets is critical. It also facilitates easier and faster assembly, as there is no need for extensive fitting or adjustment during the installation process.

3. Cost - Efficiency in Production

Once the initial tooling (dies) is set up, the precision stamping process is highly efficient and can produce a large volume of brackets at a relatively low cost per unit. The automated nature of the stamping machines reduces the need for manual labor, minimizing human error and increasing production speed. Additionally, the use of standardized materials and processes allows for better inventory management and cost control. This cost - efficiency makes it an attractive option for industries that require a high quantity of mounting brackets while still maintaining strict quality standards.

4. Enhanced Durability and Reliability

The combination of high - quality materials and precision manufacturing techniques results in brackets that are extremely durable and reliable. Sheet metal, when properly stamped and finished, can withstand heavy loads, impacts, and environmental factors such as corrosion, moisture, and temperature variations. This durability ensures a long service life for the brackets, reducing the need for frequent replacements and maintenance. In industrial applications where downtime can be costly, the reliability of the mounting solutions is of utmost importance, and custom metal brackets produced through precision stamping sheet metal fabrication provide the necessary level of performance.

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



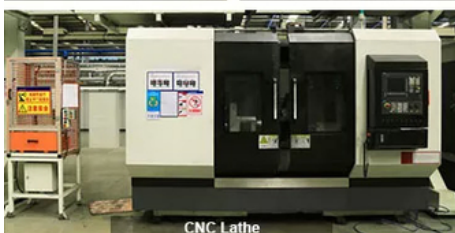
Hydraulic Press Machine



SLS/SLA Machine



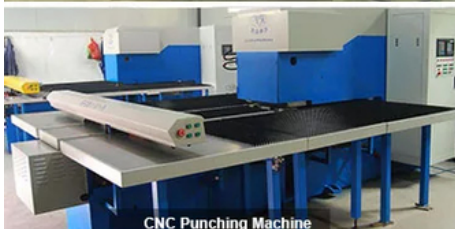
5-Axis CNC



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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