



Custom Stainless Steel Copper Sheet Metal Shell Fabrication with High Precision Laser Cutting Precision Welding

Our Product Introduction

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

Basic Information

- Place of Origin: China
- Brand Name: Xiange
- Certification: ISO 9001:2015 SGS RoHS
- Model Number: MF-XG-24
- Minimum Order Quantity: 1 pcs
- Price: USD 1\$-2\$
- Packaging Details: Carton Wooden case
- Delivery Time: 5-8 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10 SET per week



Product Specification

- Material Capabilities: Stainless Steel, Aluminium, Copper, Brass
- Products: Metal Equipment Shell
- Process: Metal Sheets Fabrication, Welding Cutting Punching Stamping
- Application: Electronic Equipment Sheet Metal Shell, Custom Control Box Cabinet Chassis Shell
- OEM/ODM: Acceptable
- Equipment: Precision Nonstandard Parts
- Surface Treatment: Powder Coated, Hot Galvanized, Painting, Polishing, Spray Coating, Brushing, Cathaphoresis, Sandblasting, Electroplate Chrome/Zinc/Nickel Plating/Anodize/Electronic Polish, Silk-screen Etc;
- Package: Platic Bag, Blister Box, Tap Reel Or As Your Required
- Used: Computer, Telecom, mechical, electronics, appliance, military, aerospace.



More Images



What We Can Provide

Custom Stainless Steel Copper Sheet Metal Shell Fabrication with High Precision Laser Cutting Precision Welding

Description of Custom Stainless Steel Copper Sheet Metal Shell Fabrication with High Precision Laser Cutting Precision Welding

This fabrication process involves creating customized sheet metal shells using stainless steel and copper materials, leveraging advanced high-precision laser cutting and precision welding technologies. The process ensures exceptional accuracy, durability, and aesthetic quality, making it ideal for industries requiring precision components, such as electronics, aerospace, medical devices, and high-end consumer goods.

Specification of Custom Stainless Steel Copper Sheet Metal Shell Fabrication with High Precision Laser Cutting Precision Welding

Product	Custom Sheet Metal Fabrication Laser Cutting Bending Sheet Metal Stamping Parts
Material	Stainless Steel, Carbon Steel(Q235), Aluminum(6061,6063, 5052), Copper, Brass etc.
Process	Bending, Stamping, Welding
Finish	Zinc Plating, Mirror Polished, Brush Polished, Paint, Anodic Oxidation, Powder Coated
Package	Plywood Box + Plywood Pallet, Plywood Box
OEM Service	Accept

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)

Application Of Custom Stainless Steel Copper Sheet Metal Shell Fabrication with High Precision Laser Cutting Precision Welding

1. Auto Components Hardware Parts Auto Parts
2. Communication Equipment
3. Industrial Equipment
4. Medical EquipmentsMechanical Parts
5. Ship Accessories
6. Electrical Equipment
7. Mechanical Equipment

Why Choose Us

Our promise

1. Unmatched Precision & Quality

Laser cutting eliminates tooling wear, ensuring consistent accuracy across large production runs. Precision welding minimizes distortion and produces strong, leak-proof joints, critical for hermetically sealed enclosures.

2. Design Flexibility & Customization

Enables the creation of complex, lightweight structures without compromising strength. Ideal for prototyping and low-to-medium volume production with rapid turnaround times.

3. Durability & Corrosion Resistance

Stainless steel and copper provide excellent resistance to oxidation, chemicals, and extreme temperatures. Laser-cut edges and precision welds reduce corrosion risks, extending product lifespan.



Multiple Machines

5-Axis CNC Machine Professional machines, skillful workers, process skills
with accuracy of 0.01mm guarantee the quality and lead time. Short 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

Stainless Steel Material

Material:

Stainless Steel 201
Stainless Steel 430
Stainless Steel 304
Stainless Steel 316

Finish:

Mirror Polishing
Brush Polishing
Electro Polishing
Vibration Polishing



FAQ

Q1: Where can I get product & price information?

A1:Send us inquiry e-mail, we will contact you as we receive your mail.

Q2: How long can I get the sample?

A2:Depends on your specific items, within 3-7 days is required generally.

Q3: What kinds of information you need for quote?

A3:Kindly please provide the product drawing in PDF, and will be better you can provide in STEP or IGS.

Q4: What are the payment terms?

A4: We accept 50% as payment deposit, when the goods is done, we take photos for your check and you then pay the balance.

Q5: Are you a trading company or factory?

A5:We are direct factory with 10 experienced engineers and more than 650 employees as well approximate 2,000 square ft. workshop area.

Q6: What shall we do if we do not have drawings?

A6:Please send your sample to our factory, then we can copy or provide you better solutions. Please send us pictures or drafts with dimensions (Length, Hight, Width), CAD or 3D file will be made for you if placed order.



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