Customized Stainless Steel Precision Metal Stamping Parts with Laser Cutting Solutions for Corrosion Protection

Our Product Introduction

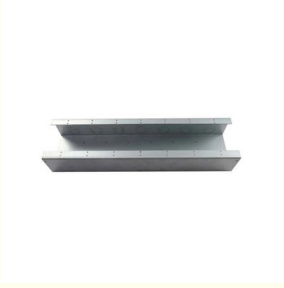
Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: PMS-XG-061
- 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

- Material: Copper, Stainless Steel, Aluminum, Brass, Etc.
- Surface Treatment: Hot Galvanized, Zinc Plating, Nickel Plating, Powder Plating, Anodize
- Process: Stamping, Punching, Bending, Punching Of Stamping Blanks, Stamping + CNC
- Application: Construction, Industrial, Used Widely Industry Auto, Mechanical Equipment, Auto Parts
- Service: OEM/ODM, OEM ODM Metal Stamping, Customized OEM OEM ODM, OEM Service
- Tolerance: 0.01mm, 0.05 Mm, +/-0.005, 0.003-0.05mm
- Oem: Available
- Quality: ISO9001
- Keywords: Custom Stamping Metal
- Packing: As Customers' Requirement

More Images



Our Product Introduction

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

Product Description

What We Can Provide

Customized Stainless Steel Precision Metal Stamping Parts with Laser Cutting Solutions for Corrosion Protection

Description of Customized Stainless Steel Precision Metal Stamping Parts with Laser Cutting Solutions for Corrosion Protection

Customized stainless steel precision metal stamping parts with laser - cutting solutions designed for corrosion protection represent a sophisticated and high - performance manufacturing approach. These parts are crafted from stainless steel, a material renowned for its inherent resistance to corrosion, rust, and staining, making it ideal for applications in harsh environments.

Specification of Customized Stainless Steel Precision Metal Stamping Parts with Laser Cutting Solutions for Corrosion Protection

Name	Custom OEM Laser Cutting Sheet Metal Fabrication Services Copper Stainless Steel Anodised Aluminum Metal Stamping bending Parts
Material	Zn-plating, Ni-plating, Cr-plating, Tin-plating, copper-plating, the wreath oxygen resin spraying, the heat disposing, hot-dip galvanizing, black oxide coating, painting, powdering, color zinc-plated, blue black zinc-plated, rust preventive oil, titanium alloy galvanized, silver plating, plastic, electroplating, anodizing etc.
Applications	Automotive, instrument, electrical equipment, household appliances, furniture, mechanical equipment, daily living equipment, electronic sports equipment, light industry products, sanitation machinery, market/ hotel equipment supplies, artware etc.
Packaging	Regular: Paper, Foam, OPP bag, Carton; Other: According to customers' requirements
Testing Equipment	Projecting apparatus, Salt Spray Test, Durometer, and Coating thickness tester
Tolerance	±0.01-0.05mm
Drawing	JPG, PDF, CAD, DWG, STP, STEP

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 Customized Stainless Steel Precision Metal Stamping Parts with Laser Cutting Solutions for Corrosion Protection

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

Advantages

1. High Precision and Complex Geometry Capability
The integration of precision metal stamping and laser cutting allows for the production of parts with extremely tight tolerances and intricate shapes. This is crucial in industries such as electronics, medical devices, and aerospace, where components need to fit together precisely and perform specific functions. For example, in the electronics industry, miniature connectors and shields require high - precision stamping and laser - cut features to ensure proper electrical conductivity and signal integrity.

2. Enhanced Corrosion Resistance
Stainless steel itself provides a good level of corrosion resistance. When combined with additional surface treatments like passivation or coatings, the parts can withstand even the most corrosive environments. This makes them suitable for applications in marine, chemical processing, and outdoor settings. For instance, in marine applications, components like fasteners, brackets, and enclosures made from these customized parts can resist saltwater corrosion, extending their service life and reducing maintenance costs.

3. Cost - Effectiveness in High - Volume Production
Precision metal stamping is a highly efficient manufacturing process for high - volume production. Once the dies are set up, the stamping process can be repeated rapidly, producing a large number of parts in a short time. Laser cutting, although a more expensive process per part compared to some traditional cutting methods, is highly accurate and reduces material waste. When combined with the high - speed stamping, the overall cost per part for large production runs can be very competitive, making it an attractive option for mass - produced products.

4. Consistent Quality and Reliability
The use of advanced manufacturing technologies such as precision stamping and laser cutting ensures consistent quality across all produced parts. The computer - controlled processes minimize human error and variations in part dimensions. This consistency is essential in industries where product reliability is critical, such as in the automotive and medical fields. For example, in the automotive industry, precision - stamped and laser - cut parts used in engine components or safety systems must meet strict quality standards to ensure the safety and performance of the vehicle.

Multipe Machines

Professional machines, skillful workers, guarantee the quality and 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

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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