



Custom Designs Metal Stamping Parts High Reliability in Continuous with Full Documentation

Our Product Introduction

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Basic Information

- Minimum Order Quantity: 1000
- Price: \$ +5~20+Pcs
- Delivery Time: 15-30
- Payment Terms: L/C,D/A,D/P,MoneyGram,Western Union,T/T
- Supply Ability: 3000+pcs+Month



Product Specification

- Processing Way: Laser Cutting, Tooling Stamping, Etc.
- Grade: 1000 Series
- Weight: 0.13 KG
- Min Pitch: 0.4mm
- Process Highlights: Precision CNC Turning And Milling, Deep-draw Stamping And Complex Bending, Tight-tolerance Hole Drilling And Reaming, Surface Cleaning, Passivation, And Rust Prevention, Post-processing Inspection For Dimensional Accuracy
- Dimensions: As Drawing Required
- Features & Benefits: High Reliability Under Continuous Mechanical Use, Designed For Compatibility With Major ATM Brands, Smooth Integration Into Existing Assembly Systems, Custom

Product Description:

Metal Stamping Parts are essential components in various industries, offering a wide range of applications due to their versatility and durability. These precision-engineered parts are crucial for ensuring the functionality and efficiency of machinery and equipment across different sectors. Let's delve into the Product Summary of Metal Stamping Parts, focusing on its logistics, quality, process highlights, material capabilities, dimensions, and material options.

Logistics & Quality

When it comes to Metal Stamping Parts, logistics and quality are paramount considerations. These parts are meticulously packaged to ensure secure export handling and delivery. Professional packaging techniques are employed to safeguard the parts during transit, minimizing the risk of damage or quality issues. Moreover, full documentation is provided, enabling comprehensive quality traceability throughout the production and supply chain.

The manufacturing processes for Metal Stamping Parts adhere to ISO-compliant standards, ensuring consistent quality and performance. Stringent material control measures are implemented to guarantee the use of high-quality materials that meet the specified requirements. Customers can rely on the short lead times offered for these parts, allowing for quick turnaround times on orders. Additionally, flexible order volumes cater to varying production needs and timelines.

Process Highlights

Metal Stamping Parts undergo a series of precision processes to achieve the desired specifications and performance characteristics. Precision CNC turning and milling techniques are utilized to create intricate shapes and designs with high accuracy. Deep-draw stamping and complex bending operations enable the formation of complex geometries, enhancing the functionality of the parts.

Tight-tolerance hole drilling and reaming processes ensure precise dimensions and fitment, crucial for seamless integration into assemblies. Surface cleaning, passivation, and rust prevention treatments are applied to enhance the durability and corrosion resistance of the parts. Post-processing inspections are conducted to verify dimensional accuracy and quality compliance, guaranteeing that the parts meet the required standards.

Material Capabilities

Metal Stamping Parts can be manufactured using a variety of materials to suit different applications and operating conditions. The key material capabilities include steel, stainless steel, brass, and aluminum. Steel is a robust and versatile option, offering strength and durability for demanding environments.

Stainless steel variants such as SS304 and SS316 provide excellent corrosion resistance, making them ideal for applications exposed to moisture or harsh chemicals. Brass offers good conductivity and aesthetics, suitable for electrical and decorative applications. Aluminum is a lightweight material ideal for structural housings and components where weight reduction is crucial.

Dimensions and Material Options

Metal Stamping Parts are produced as per the specific requirements outlined in the engineering drawings. Custom dimensions and geometries can be achieved to meet the exact needs of the application. Material options for Metal Stamping Parts include industrial-grade stainless steel such as SS304 and SS316, known for their corrosion resistance and durability.

Carbon steel with optional heat treatment provides enhanced strength and wear resistance, making it suitable for heavy-duty applications. Lightweight aluminum is favored for its weight-saving properties and structural integrity, particularly in industries where weight reduction is critical. Hardened tool steel is employed for wear-intensive elements that require high hardness and toughness.

Spring steel is utilized for components that undergo repeated use and require resilience and flexibility. These material options offer a wide range of choices to cater to diverse applications and performance requirements.

In conclusion, Metal Stamping Parts, also known as Metal Pressed Components or Stamped Metal Parts, play a vital role in various industries due to their durability, precision, and versatility. With a focus on logistics, quality, process highlights, material capabilities, dimensions, and material options, these parts are designed to meet the highest standards of performance and reliability, ensuring optimal functionality in a wide range of applications.

Features:

Product Name: Metal Stamping Parts

Material Options:

- Industrial-grade stainless steel (SS304, SS316)
- Carbon steel with optional heat treatment
- Lightweight aluminum for structural housings
- Hardened tool steel for wear-intensive elements
- Spring steel for resilient and repeat-use parts
- Surface Roughness: Ra 0.1-2µm, Negotiable
- Processing Way: Laser Cutting, Tooling Stamping, Etc.
- Min Pitch: 0.4mm
- Weight: 0.13 KG

Technical Parameters:

Weight	0.13 KG
Surface Roughness	Ra 0.1-2µm, Negotiable
Style	Ribbon Sheet

Process Highlights	Precision CNC turning and milling, Deep-draw stamping and complex bending, Tight-tolerance hole drilling and reaming, Surface cleaning, passivation, and rust prevention, Post-processing inspection for dimensional accuracy
Dimensions	As Drawing Required
Processing Way	Laser Cutting, Tooling Stamping, Etc.
Material Options	Industrial-grade stainless steel (SS304, SS316), Carbon steel with optional heat treatment, Lightweight aluminum for structural housings, Hardened tool steel for wear-intensive elements, Spring steel for resilient and repeat-use parts
Logistics & Quality	Professional packaging for export security, Full documentation and quality traceability available, ISO-compliant processes and material control, Short lead times and flexible order volumes
Features & Benefits	High reliability under continuous mechanical use, Designed for compatibility with major ATM brands, Smooth integration into existing assembly systems, Custom manufacturing based on technical drawings or samples, Ideal for use in mass production or maintenance sourcing
Application Use Cases	Banknote handling systems inside ATM machines, Spare parts for dispenser maintenance and service, Retrofit and refurbishing of aging ATM units, Production supply for ATM OEMs and integrators

Applications:

Product Application Occasions and Scenarios for Metal Stamping Parts:

The Metal Stamping Parts are versatile components that find applications in various industries and scenarios due to their high reliability under continuous mechanical use and custom manufacturing capabilities. Here are some key occasions and scenarios where these custom metal stamped pieces can be effectively utilized:

- 1. ATM Manufacturing:** The Metal Stamping Parts are designed for compatibility with major ATM brands, making them ideal for integration into the production of automated teller machines. Their smooth integration into existing assembly systems ensures efficient manufacturing processes.
 - 2. Industrial Automation:** These stamped components, such as stamped brackets for module support and steel shafts for motion transfer, are essential in industrial automation systems. They provide the necessary structural support and motion capabilities for automated processes.
 - 3. Automotive Industry:** Custom-formed retaining parts and spring plates are widely used in the automotive sector for various applications. The Metal Stamping Parts offer the required precision and durability needed in automotive manufacturing.
 - 4. Mass Production:** Due to their high supply ability of 3000+ pieces per month and custom manufacturing based on technical drawings or samples, these metal stamped parts are perfect for mass production scenarios. They ensure consistent quality and reliability in large-scale manufacturing operations.
 - 5. Maintenance Sourcing:** The Metal Stamping Parts, such as gear segments and timing linkages, are essential for maintenance sourcing in various industries. They provide efficient replacement components that are compatible with existing systems.
- Overall, the Metal Stamping Parts are ideal for use in a wide range of applications, including ATM manufacturing, industrial automation, automotive industry, mass production, and maintenance sourcing. Their features such as high reliability, custom manufacturing capabilities, and compatibility with major brands make them a versatile solution for businesses looking for formed metal components.

Product Attributes:

Minimum Order Quantity: 1000

Price: \$5~\$20+ per piece

Payment Terms: L/C, D/A, D/P, MoneyGram, Western Union, T/T

Supply Ability: 3000+ pieces per month

Delivery Time: 15-30 days

Weight: 0.13 KG

Grade: 1000 Series

Core Product Types: Stamped brackets for module support, steel shafts and cylindrical pins for motion transfer, notched locking plates and separators, gear segments and timing linkages, sheet metal forms for note guidance, custom-formed retaining parts and spring plates

Support and Services:

Our Product Technical Support and Services for Metal Stamping Parts include:

- Expert assistance with product installation and setup
- Troubleshooting guidance for any issues or concerns
- Product usage training and recommendations for optimal performance
- Regular maintenance tips to ensure longevity and efficiency
- Updates on product enhancements or new features

Packing and Shipping:

Product Packaging:

Our metal stamping parts are carefully packaged to ensure they arrive safely to you. Each part is wrapped in protective material and placed in a sturdy cardboard box.

Shipping:

We offer reliable shipping options to deliver your metal stamping parts to your desired location. Your order will be processed swiftly, and you can track your package to stay informed about its delivery status.

FAQ:

Q: What is the minimum order quantity for Metal Stamping Parts?

A: The minimum order quantity for Metal Stamping Parts is 1000 pieces.

Q: What is the price range for Metal Stamping Parts?

A: The price for Metal Stamping Parts ranges from \$5 to \$20 per piece.

Q: What are the accepted payment terms for purchasing Metal Stamping Parts?

A: We accept payment through L/C, D/A, D/P, MoneyGram, Western Union, and T/T.

Q: What is the supply ability for Metal Stamping Parts?

A: Our supply ability for Metal Stamping Parts is over 3000 pieces per month.

Q: What is the typical delivery time for Metal Stamping Parts?

A: The typical delivery time for Metal Stamping Parts is 15-30 days.



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