



东莞市和旺电器有限公司
HLC METAL PARTS LTD



Company History

2003	HLC Metal Parts Ltd. was established, specializing in the production of stamping parts, machining parts and silver contacts.
2012	HLC acquired ISO9001:2009 certification.
2013	HLC Partes Metalicas de Mexico S.A.DE C.V. was established, specializing in the development and design of precision stamping auto parts
2013	HLC acquired TS16949:2009 certification.
2017	HLC acquired IATF:16949 certification.
2017	HLC set up Romanian office in Europe to explore new markets there.
2020	Cowon Mold Tech Co., Ltd. was established, specializing in the designing and manufacturing of plastic injection molds and jigs for automotive industry.
2021	HLC Italy office was established to better serve our clients.



Company Profile

HLC Metal Parts LTD is a IATF:16949 certified manufacturing enterprise which is engaged in the new project and processing development of metal products and plastic products, precision mold design and manufacture.

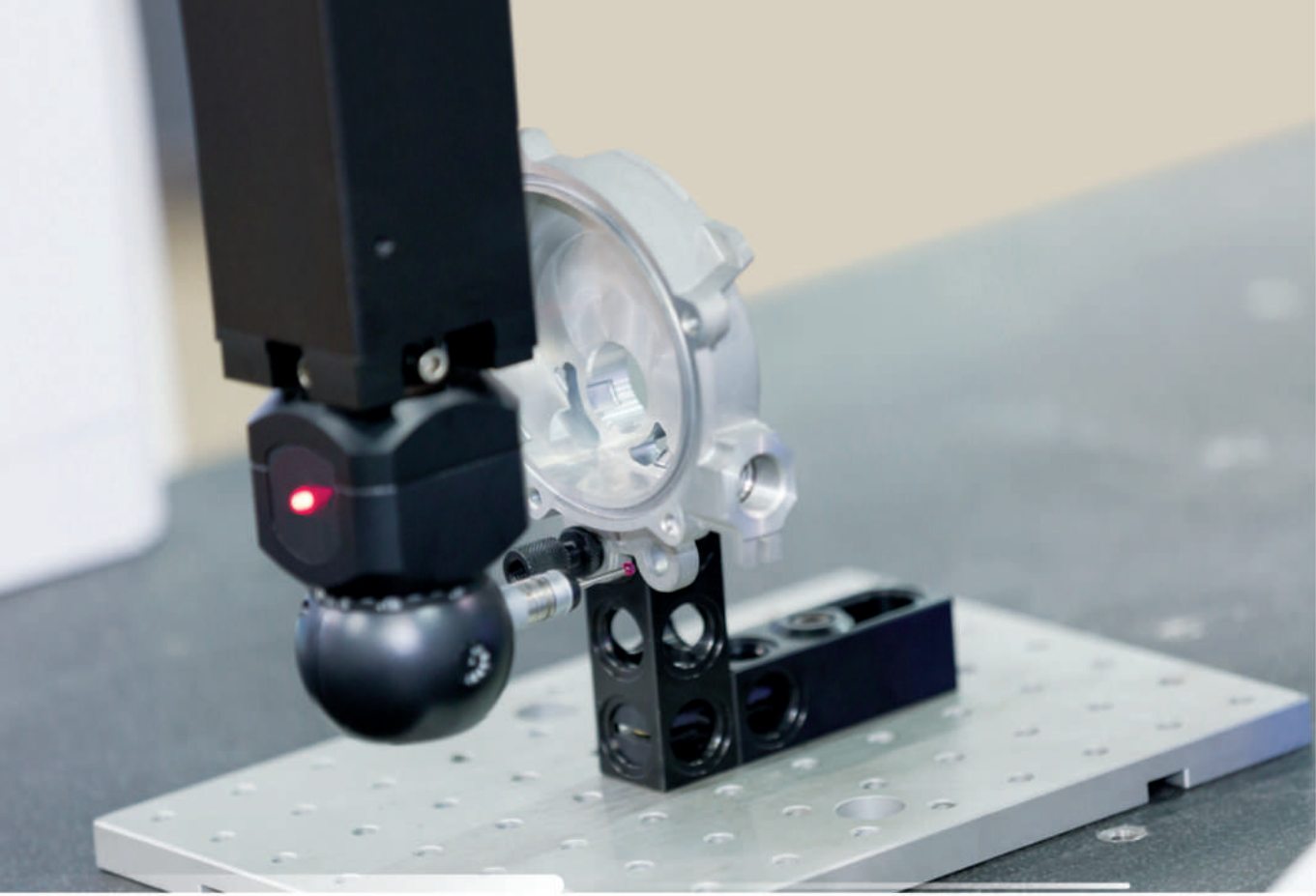
Our production process includes precision stamping, CNC milling, powder metallurgy, assembly of metal parts and plastic parts. We are able to provide all services under one roof and help our customers with product development, in-house mold design, mold-making and mass-production of metal and plastic components. The custom-made products we provided are widely used in automobiles, electronics, electrical appliances, communications, medical equipment, optoelectronics and other fields.

With the growth of the auto parts market, HLC has already invested new plant in Dongguan, China and Monterrey, Mexico respectively to expand new markets in Mexico and America. As a customer-centric company that is expanding its presence worldwide by investing in facilities, equipment, technology and its people, HLC will continue to provide products that surpass customers' expectations.



Company Quality Policy

HLC is IATF:16949 certified with strict management policy and scientific development planning to improve our production efficiency and employees' comprehensive quality. We use modern laboratory equipment and processes to meet our customer's stringent quality requirements. Every employee of HLC is committed to provide qualified products and value added services on a timely basis to meet customer's expectations.



Strict Quality Assurance

Inspection	3D Measuring Machine 2D Measuring Machine Projector RoHS Tester Salt Spray Testing Cabinet	Digital Torque Meter Coating Thickness Indicator Rough Meter Force Gages Hardness Testers	Inspection Gages Assembly Simulation Fit and Function Gages Pressure Testing Leak Testing Color Meter
Testing	High POT		
Quality	IATF:16949 PPAP FMEA SPC	FA Inspection Lot Controlling CPK Data Statistical data collection	Gage R&R Proven Track Record Strong QA program and systems Customer Referrals and Testimonials

Cooperation Customers



FLEXTRONICS

Panasonic

NOVENTA





Stamping for Electronics

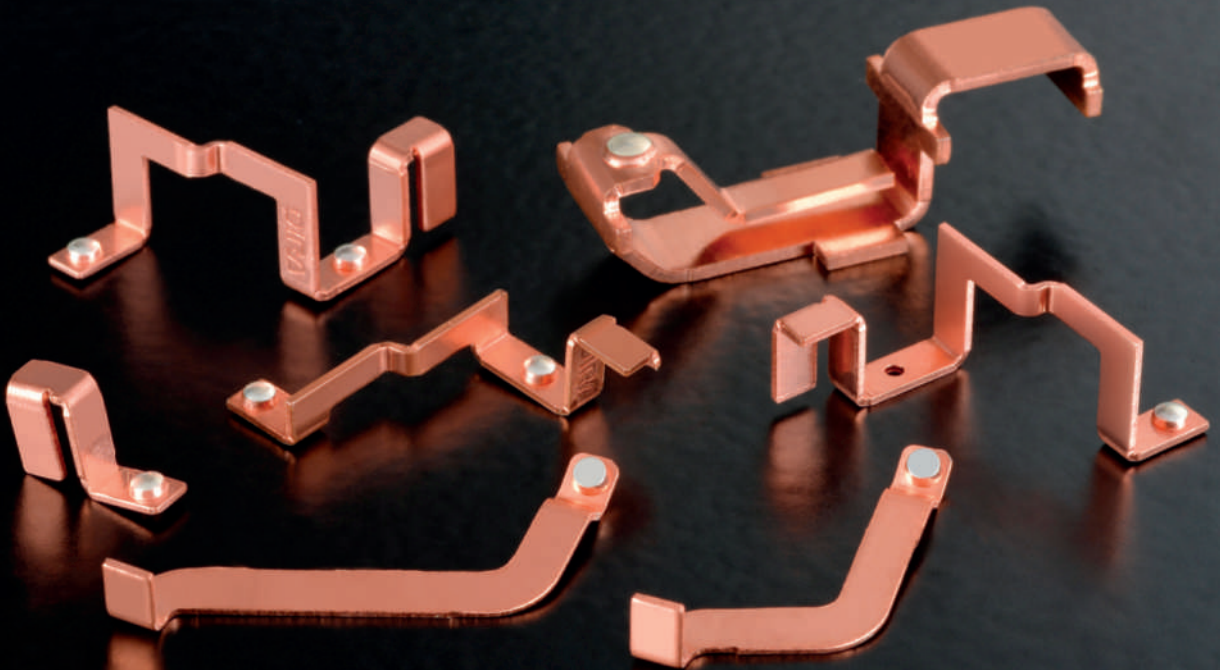
Stampings

- Material: copper, iron, aluminum, stainless steel etc.
- Production process: progressive die, single die
- Surface treatment range: zinc-plating, nickel-plating, tin-plating, gold-plating, silver-plating, chrome-plating etc.
- Production equipment list: Machine tonnage 25T-750T, 50 machines in total

Production capacity

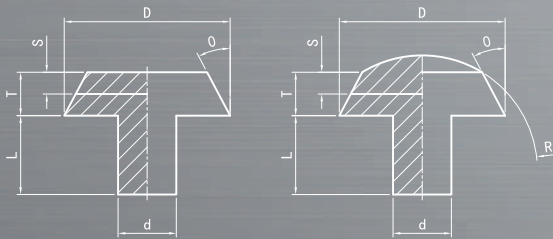
- Tolerance : $\pm 0.01\text{mm}$
- Environmental requirements: RoHS
- Order nature: OEM / ODM orders accounts for 90%





Stamping-Silver Contact

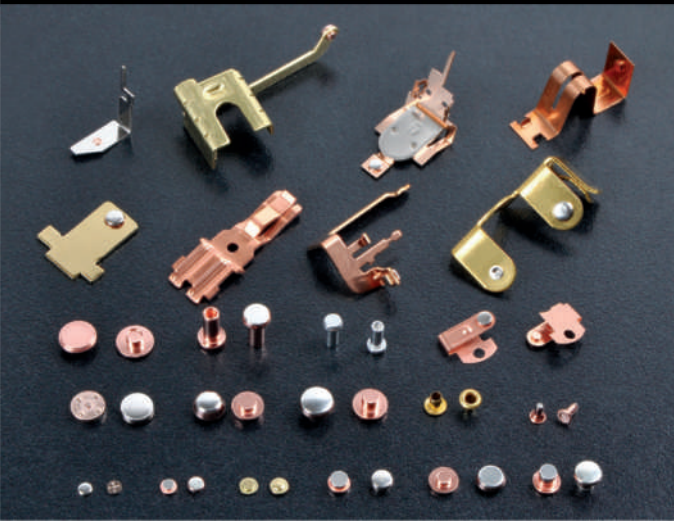
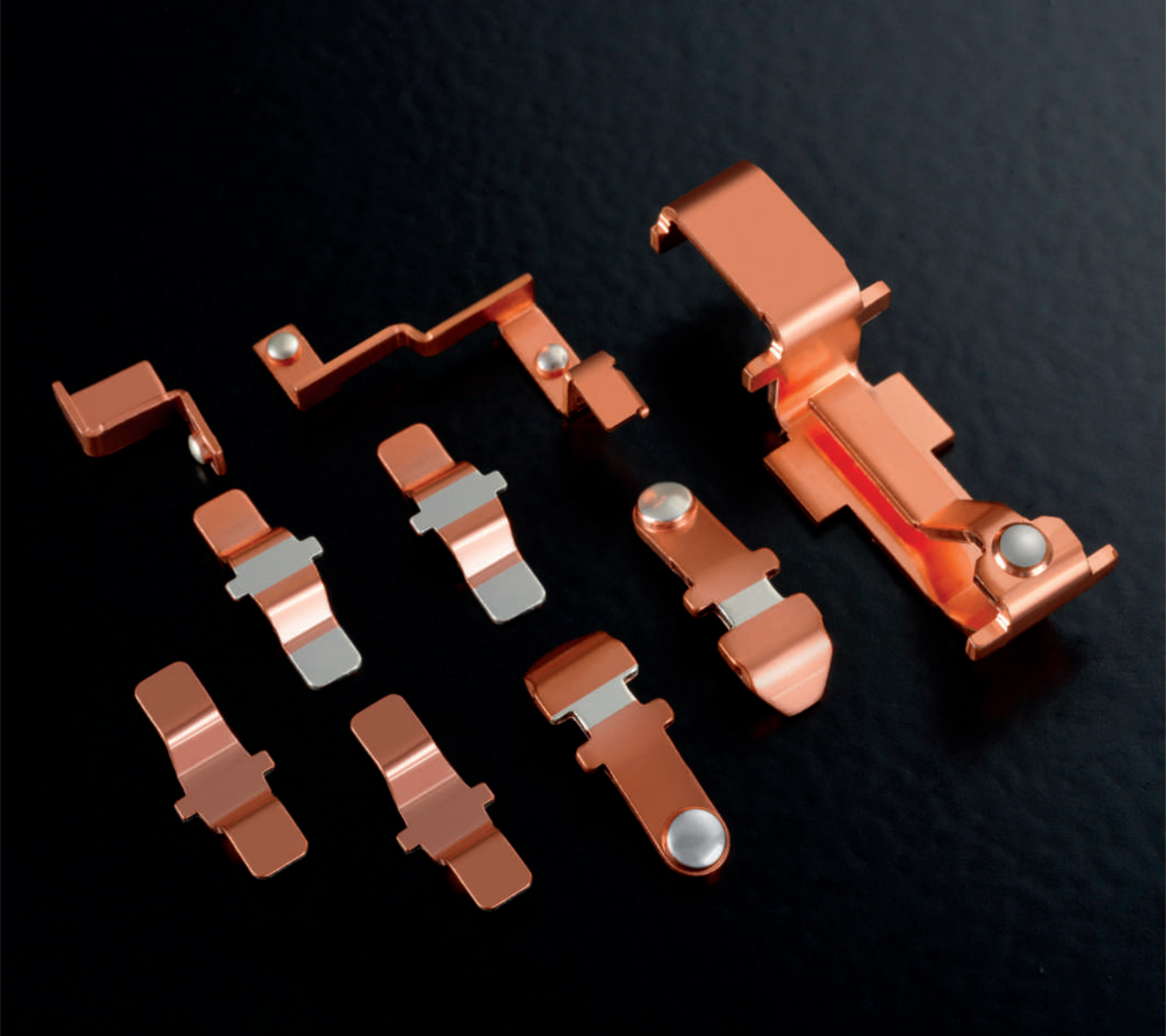
HLC produces a wide range of silver contacts, contact rivets, and precision stamped and bent parts according to customer design. The parts are widely used in switching and controlling, electronics, telecommunications, safety devices and automotive industries. Our advantages in both technologies and training ensure the high quality of our products.



Carrier materials	Thickness	Width
Copper and copper alloys (E-Cu / CuSn / CuZn / CuAg / CuBe)	0.5 ... 2.0 mm	12.0 ... 60.0 mm

Contact materials	Thickness	Width
Ag 99.97	0.5 ... 3.0 mm	0.65 ... 6.0 mm
AgNi	0.5 ... 3.0 mm	0.65 ... 6.0 mm
AgCu	0.5 ... 3.0 mm	0.65 ... 6.0 mm
AgSnO ₂	0.5 ... 3.0 mm	0.65 ... 6.0 mm
AgSnO ₂ In ₂ O ₃	0.5 ... 3.0 mm	0.65 ... 6.0 mm

Other combinations and dimensions are available upon request.





Stamping for Plate / Cover

We offer a wide range of customized stamping products with high level quality and reliability. With our years of experience and knowledge in the field, HLC can assist with customers' design requirements. We not only produce stamped parts, but also design and manufacture all of the stamping dies and tooling needed for in-house production. All manufacturing processes are subjected to quality management system and environment.

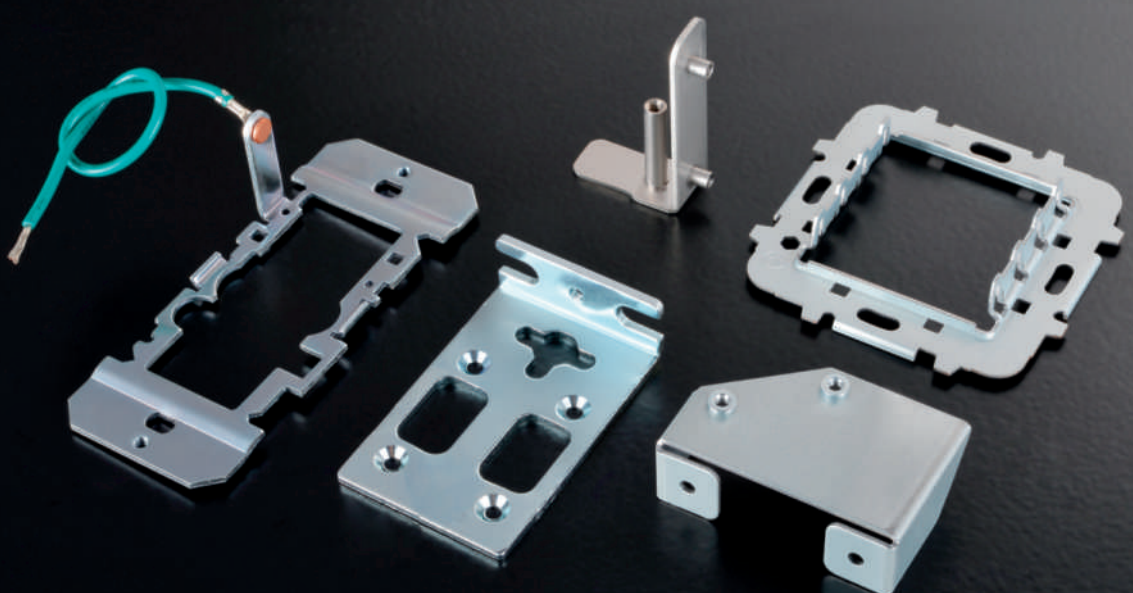
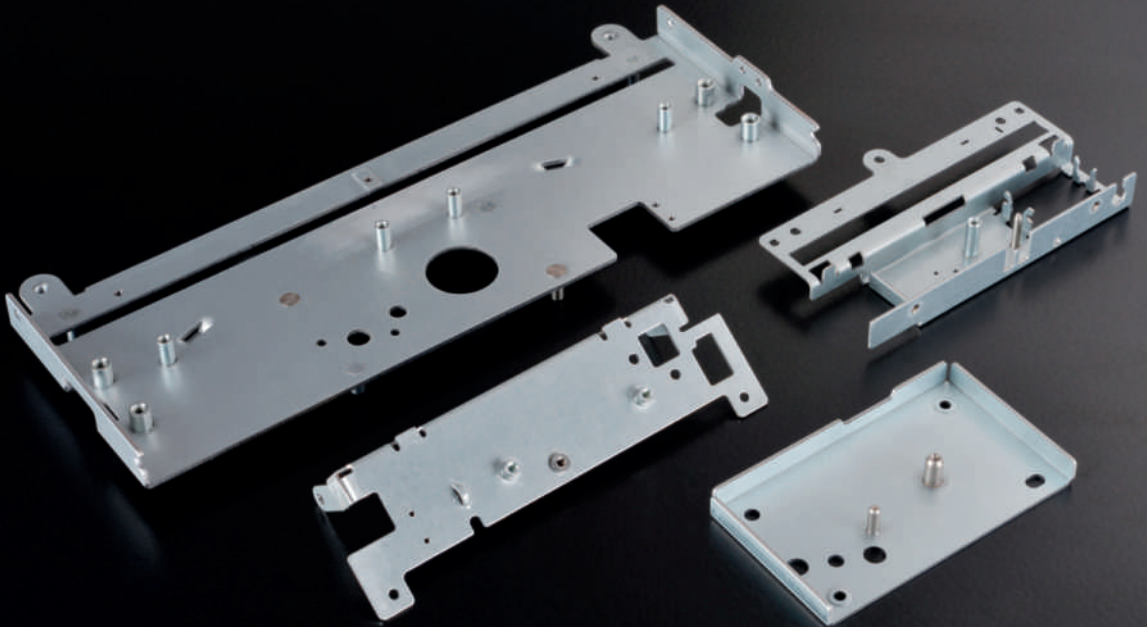
Our well-coordinated experienced team of engineers and modern machinery of stamping department guarantee high quality of our stamping parts and help customers in the electronic, automotive and consumer industry markets succeed by providing complete precision engineering solutions.

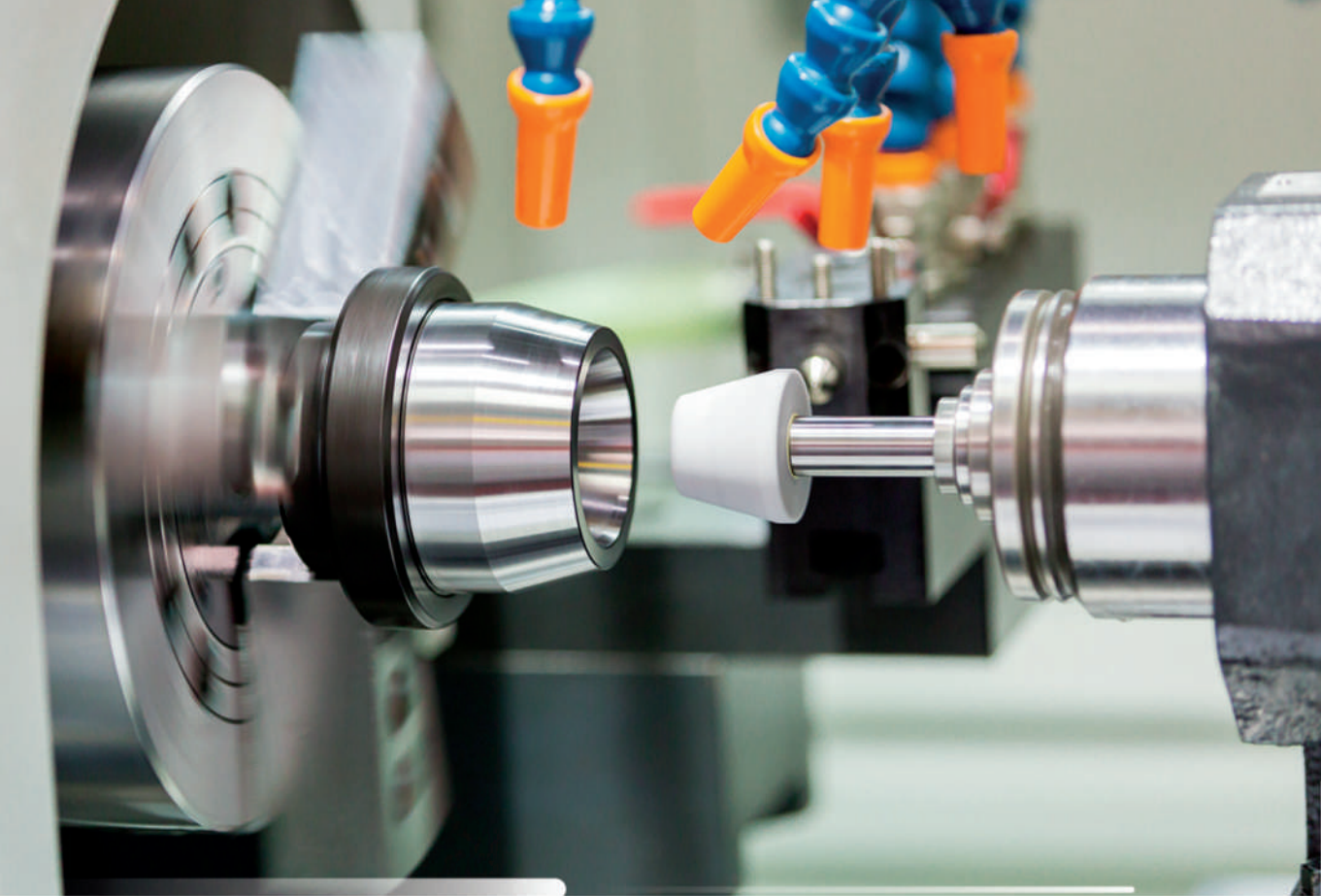
Stampings

- Material: copper, brass, bronze, iron, aluminum, stainless steel etc.
- Production process: progressive die, single die
- Surface treatment range: zinc-plating, nickel-plating, tin-plating, gold-plating, silver-plating, chrome-plating etc.
- Production equipment list: Machine tonnage 25T-750T, 50 machines in total.

Production capacity

- Tolerance : $\pm 0.01\text{mm}$
- Environmental requirements: RoHS
- Order nature: OEM/ODM orders accounts for 90%





Automatic Lathe

Machining parts

- Materials: copper, iron, aluminum, stainless steel and other materials.
- Production process: milling, drilling, tapping, boring, and grinding
- Surface treatment range: zinc-plating, nickel-plating, tin-plating, gold- plating, silver-plating, chrome-plating etc.
- Production equipment list: 15 CNC precision lathes, 15 CNC precision milling machines, 50 other equipments

Production capacity

- Tolerance: $\pm 0.001\text{MM}$
- Environmental requirements: RoHS
- Order nature: OEM / ODM orders accounts for 90%





CNC Parts

Equipped with modern manufacturing machinery, HLC provides customers with high-precision turning and CNC machined components, starting from design assistance and then end with the finished made-to-order turned component. Our investment in both technology and employees' training ensures that parts are delivered to customers in high quality.

Machining parts

- Materials: copper, iron, aluminum, stainless steel and other materials.
- Production Process: CNC milling, CNC drilling, CNC tapping, CNC boring, and CNC grinding
- Surface treatment range: zinc-plating, nickel-plating, tin-plating, gold-plating, silver-plating, chrome-plating etc.
- Production equipment list: 15 CNC precision lathes, 15 CNC precision milling machines, 50 other equipments
- Tolerance: $\pm 0.001\text{MM}$
- Environmental requirements: RoHS
- Order nature: OEM / ODM orders accounts for 90%

Production capacity

- Tolerance: $\pm 0.001\text{MM}$
- Environmental requirements: RoHS
- Order nature: OEM / ODM orders accounts for 90%





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