



Precision since 1973

Boly is a contract manufacturing and precision machining machine shop. We supply high quality, precision turned parts and assemblies to World Class Industry.

Boly's manufacturing bases in Hong Kong and Mainland China. We offer high volume, custom components in complex configurations with tolerances of advance CNC turning demanding, screw machining and a full complement of secondary and finishing operations.

With over 40 years of experience in the manufacturing industry, we assist customers with the engineering, designing, and prototyping of innovative, cost-effective components and assemblies. We have worked closely with customers to efficiently manage the entire supply chain process. Today, our customers across all sectors of manufacturing and engineering including automotive, sensing device, pressure instrument, aviation, industrial, power truck, medical, oil & gas and green energy. Boly serves world renowned Fortune 500 companies across Asia, Europe, the America and the Middle East.

We are ISO 9001 and 14001 certified. We use lean manufacturing tools and principles to continuously improve our quality, delivery, safety and competitiveness drive the costs. We provide superior manufacturing, quality, business system, supply chain management and on time delivery for all outsourced customers' needs

Mission

To efficiently and effectively manufacture machined components to meet customer requirements, utilizing teamwork, innovation, and continuous improvement.

Precision CNC Machining, Turning Centers, Swiss-type Turning

Our CNC Turning department consists of both single and multi-spindle lathes. We precisely machine metal parts of intricate and complex shapes from a variety of materials such as stainless steel, aluminum, brass, steel, nickel alloy and plastic. Our CNC lathes can accommodate up to 2.56 inches (65mm) diameter stock in machines. We have the high speed machinery available featuring muti axis turning, automatic bar loading and robot loader.

All CNC machines equipped live tooling for cross-drilling and tapping and various milling configurations. We can complete parts will threads, thru holes, and even cross-holes, side mill and tuning operations precisely and at high speeds. Our twin spindle machines can perform both front and back work, which in many cases eliminates the need for multiple operations.

From prototype production to high volume runs, we produce components with consistent accuracy. All of our work meets the highest industry standards and are subjected to rigorous quality control, in process testing and post testing.



Manufacturing & Quality Capabilities

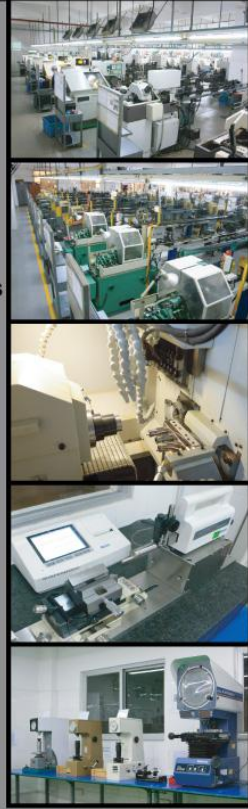
Over 40 years manufacturing experience, diverse skills and the use of advanced manufacturing and production systems enable us to provide our customers with parts and assemblies of better quality, for a reduced cost and better lead time.

Capabilities include:

- CNC Turning
- Swiss type CNC / Sliding Head
- CNC Vertical Machining
- CNC Drilling / Tapping / Milling
- Automatic Screw
- Polygon Turning
- Centerless Grinding
- Cylindrical Grinding
- Surface Grinding
- Honing
- Thread Rolling
- Broaching
- Deburring
- Finish Tumbling / Burnishing
- Ultrasonic Cleaning
- Assembly

Measuring instruments:

- Coordinate Measuring Machine (CMM)
- Vision Measuring System
- Micrometers & Calipers
- Plug / Ring Guages
- Universal Concentricity Gages
- Hardness Tester
- Surface Roughness Tester
- Calibration Techniques / Equipment



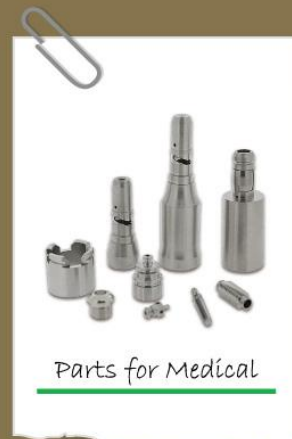
Portfolios | Related Examples



Parts for Transducer



Parts for Automotive



Parts for Medical



Parts for Industrial



Store and processed materials

We mainly process the following materials:

	AISI	EN	DIN
Stainless Steel	303	X8CrNiS18-9	1.4305
	304L	X2CrNi18-9	1.4307
	316L	X2CrNiMo17-12-2	1.4404
	420	X20Cr13	1.4021
	430	X6Cr17	1.4016
	440C	X105CrMo17	1.4125
	630	X5CrNiCuNb16-4	1.4542
Carbon Steel	1045	C45	1.0503
	1144	44SMn28	1.0762
	12L14	11SMnPb37	1.0737
	1215	11SMn37	1.0736
Nickel Alloy	Inconel	NiCr19NbMo	2.4668
	Hastelloy	NiMo16Cr15W	2.4819
Brass	3602	CuZn36Pb3	2.0375
	3604	CuZn39Pb3	2.0401
Aluminium	2011	AlCuBiPb	3.1655
	4032	AlSi12,5MgCuNi	-
	6061	AlMg1SiCu	3.3211
	7075	AlZn6MgCu1,5	3.4365
Plastic	Arylic, Delrin, POM, Nylon, Teflon		

Our manufacturing capabilities:

- bars from \varnothing 3 mm up to \varnothing 65 mm (\varnothing 0.12 inches - \varnothing 2.56 inches)
- pre-manufactured blanks up to \varnothing 120 mm (\varnothing 4.70 inches)

Market Focus

Over 40 years of manufacturing

experience has taught us a thing or two about manufacturing, such as what our customers' need and what specific markets require. We offer a wide range of capabilities, precision CNC turning, CNC milling, and an impressive depth of manufacturing expertise.



Automotive



Sensing Device



Aviation



Industrial



Pressure Instrument



Green Energy



Medical



Oil & Gas



Power Truck

Typical Parts:

- Aviation / Automotive - Frame Components, Accessories, Engine, Safety & Braking Control Systems.
- Sensing Device / Pressure Instrument - Pressure Port, Housing, Head, Terminal, Fitting, Cap, Load Cell.
- Green Energy - Controls, Fittings, Flanges, Valves.
- Medical - Dental Equipment, Device Components, Implants.
- Industrial / Oil & Gas - Compressors, Fire Suppression, HVAC, Pneumatics, Hydraulic Components.
- Power Truck - Hydraulic throttle controls, hand controls, joysticks rod, adjustable pedal systems.

Are you looking to simplify purchasing process? or rationalize your suppliers base?

BOLY manages all the services needed to produce your small, medium and large production runs of precision turned parts & screw machined components : analysis, targeted proposal, purchasing, control & quality, storage and logistics anywhere in the world.



Two Facilities locate in Hong Kong and Shenzhen, China



Improve product quality and productivity by Lean manufacturing



Integrate Global Supply Chain, deliver product world-wide



Assist customers to achieve the cost-saving strategies



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**BOLY METAL
MANUFACTORY LTD**

**A World Class
Supplier of Turned
Parts and Assemblies**