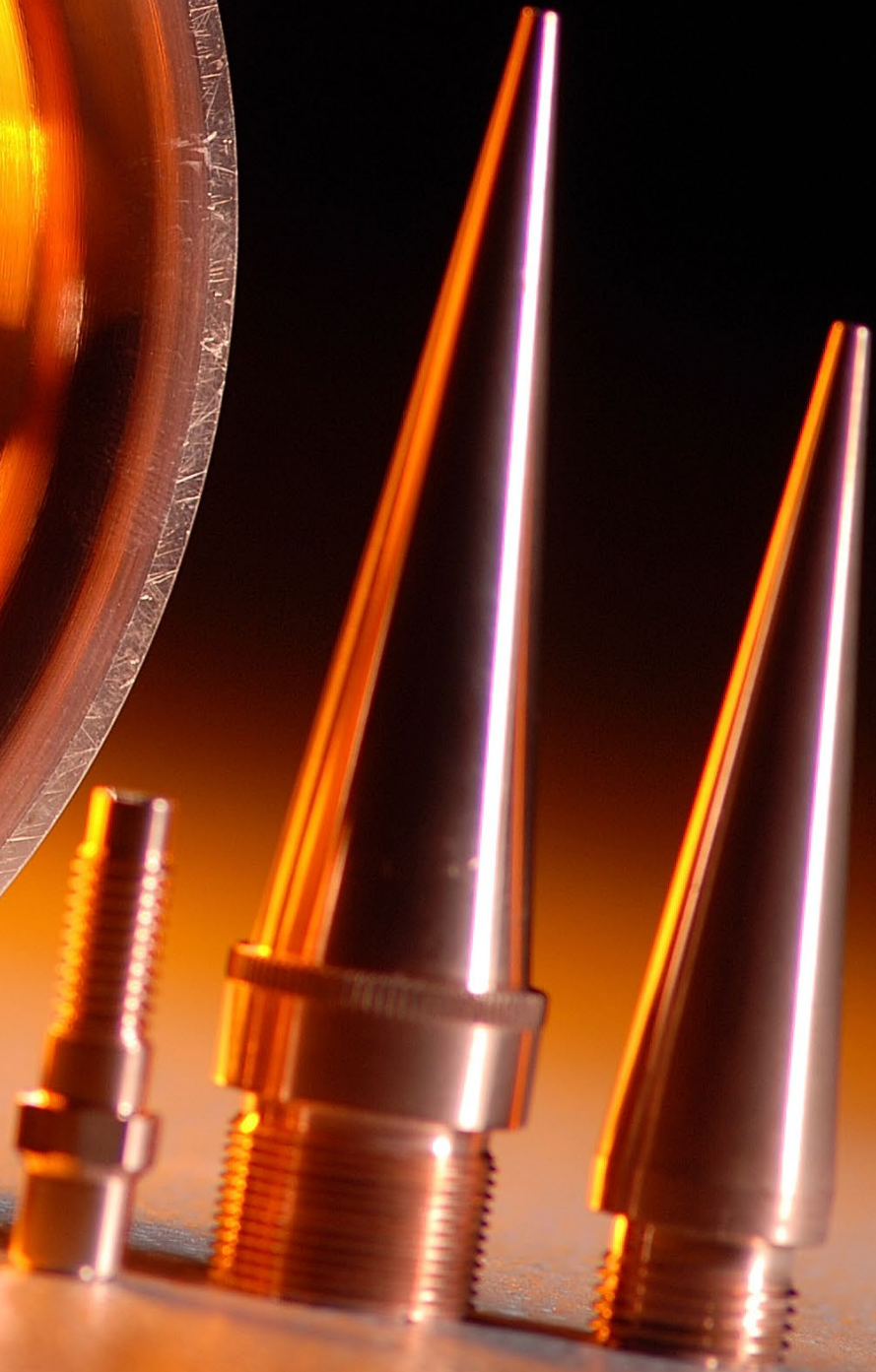



*Precision Engineering  
& Cold Forming*





## Your international partner

Italy Precision is a leading global specialist in precision cold forming and machining. We work with companies around the world to design, engineer and manufacture small and high volume components and assemblies that offer unrivalled levels of performance, value and quality.

As a pioneer in precision cold forming and engineering of customer specified copper, aluminium, ferrous and assembled components, we offer a complete single source solution; from prototype to production, everything is designed and manufactured in house, reducing both manufacturing lead times and costs for our customers.

We have over 60 years experience in meeting the demands of customers throughout industry, including aerospace, automotive, electronics, laser, medical, packaging, plasma, power distribution, telecoms and welding. And with over 80% of our business being exported worldwide, we have the knowledge and resources to organise delivery logistics specifically to meet each customer's needs, including Kanban, Just in Time (JIT) and consignment stock.

## Our pedigree

Established in 1943, on strong foundations of unrivalled technical innovation and customer service, we have since grown to become a major global organisation. With a proactive approach to development and investment, our modern manufacturing centres and methods allow us to respond efficiently to the demands of our diverse clients. From our purpose built Italy facilities, our engineers use state of the art 3D CAD/CAM solid modelling computer software linked to the most advanced CNC machine tools to produce high precision, quality components.

Today, as an ISO9001 accredited company, our precision engineered solutions and services are delivering results to customers worldwide.

## Precision cold forming

Our specialist knowledge and extensive experience of cold forming means that we can provide your business with superior quality copper, aluminium and ferrous components, rapidly and cost effectively.

The mirror finish and precise shape of the internal profile achieved by the innovative use of cold forming significantly enhances the performance and productivity of machinery and equipment, while the mechanical properties of the material are improved as grain structure follows the geometry of each component.

From simple cold headed parts to highly complex cold formed and finished machined components, precision cold forming saves time and eliminates wastage and can reduce the cost of multi-part assemblies, allowing customers to realise cost reductions of up to 70%

### Benefits:

- Exceptional internal and external finishes
- Extremely accurate internal and external profiles
- Complex internal and external profiles
- Enhanced surface finish
- Improved strength as grain structure follows part geometry
- Significantly less material required
- Dramatically reduced machining time
- Less material and reduced machining gives major cost savings



## CNC copper machining

We specialise in the machining of market leading, bespoke copper components across a range of industries worldwide.

Sourcing copper alloys from our reputable suppliers, renowned for exceptionally high standards, we use cold forming to eliminate waste material and cut machining time, reducing component cost. Our revolutionary CNC machines for the precision manufacture of copper components ensure accurate and tight tolerance standards at a lower cost, making us your global source of cold formed and CNC machined copper components.

Using advanced product quality planning, quality control and wide range of failure modes and effects analyses (FMEA) control plans mean that we manufacture on a zero defects basis, while full material traceability is performed on each product batch.

With decades of experience, we have developed unique and innovative techniques to ensure the highest quality at the lowest price, even for industries that demand components from pure copper and oxygen free high conductivity copper (OFHC). In addition to our full range of copper alloys we also cold form and machine parts from zirconium copper (CuZr), tellurium copper (CuTe) and copper chromium zirconium (CuCrZr).

### Benefits:

- Exceptional surface finishes
- Highly accurate internal and external profiles
- Complex internal and external profiles
- Improved thermal and electrical properties
- State of the art CNC milling and turning centres
- Fully automated CNC machining cells
- Single source of cold-formed and machined components



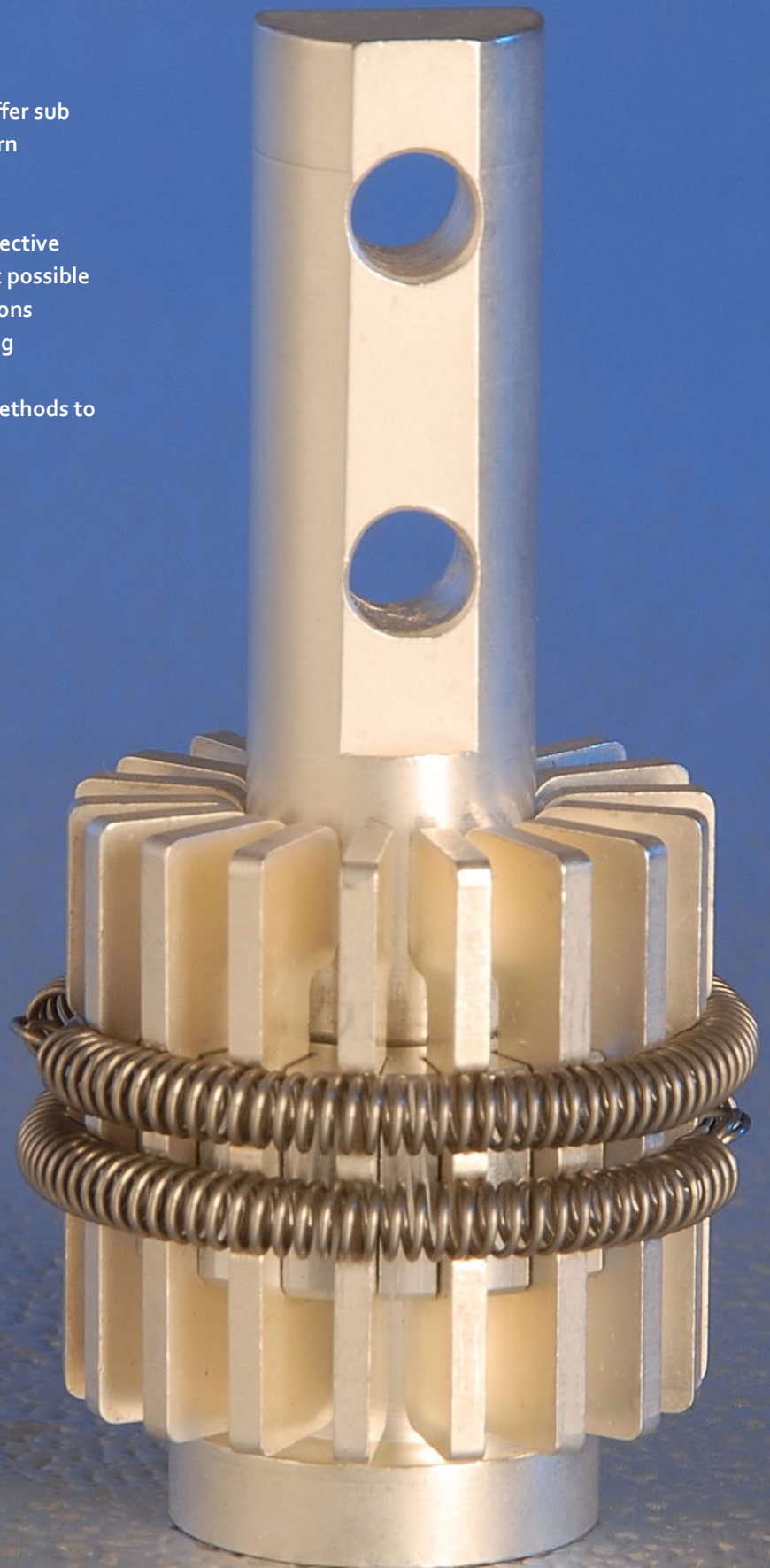
## Total Solutions

To help you stay ahead of the competition we offer sub and complete assembly operations at our modern manufacturing facilities.

As a total solution under one roof, our highly effective packages help our customers achieve the lowest possible cost by incorporating assembly and test operations within our machining cells. Using our engineering expertise and our Poka-Yoke (mistake proofing) philosophy, we have designed and developed methods to ensure that assembly integrity is consistently maintained.

### Benefits:

- Reduced number of suppliers
- Minimised product costs
- Technical discussion on product design for manufacture can be simplified



## Quality assurance

We are dedicated to continuous improvement and consistently aim to surpass our customers' expectations and requirements, with particular focus on levels of quality, productivity and service.

As an ISO accredited company (ISO 9001 for Italy Precision Ltd and ISO 14001 & TS 16949 for Italy Precision (Wales) Ltd), we have in place a framework to establish and review our quality objectives methodically, with our quality manual and documented procedures referenced in our quality management system being mandatory throughout the company.

Through regular training and employee support our team is always aware of the importance of customer focus and satisfaction, from senior directors to shop floor staff.

Perhaps most importantly, full traceability is maintained throughout the production process with all relevant conformance documentation, reports and certificates of analysis available.

Our inspection laboratory is equipped with fully-automated and manual co-ordinate measuring machines (CMM), contour, roundness and surface profiling machines, all with statistical output. This enables our quality control team to perform and record detailed measurements relating to part characteristics, ensuring that components conform exactly to customer specification.





Italy Precision CNC Machining Inc.

Branch Address: Via Busto Fagnano, 40, 21057 Olgiate Olona VA, Italia.

Headquarters Address: Building 4, Dazhonggang Industrial Zone, Shajing Street, Baoan, Shenzhen, China. 518125

Phone: +86-755-27299111

Fax: +86-755-27294782

Email: [inquiry.it@made-parts.com](mailto:inquiry.it@made-parts.com)

