

High Precision Turning
and Assembly Parts



Legal and operative site

Via Antonio Marzocchi n.7
40069 Zola Predosa (BO) Italy

Phone +39 051 6166675 a.s.

Mail info@imtorneria.it

Website www.imtorneria.it

How to reach us:

From the Highway A1 and A14 take the exit Casalecchio di Reno (Bologna), direction Vignola-Maranello on the south-west SP 569.

Take the exit industrial area Zola Predosa and turn left on Via Roma and after turn right on Via Rigosa, then turn left on Via Kennedy and turn tight on Via Marzocchi.



Company references Presentation

Our company has been operating in the metalworking sector since 1981 and collaborates with international companies in the sectors of civil and industrial automation and in facilitated pneumatic pruning systems, in the transmission and automotive sector, pneumatics in general and fittings.

We specialize in third-party custom-designed works, for small and large series, from simple to more complex parts and, given the long experience in the engineering industry, we are able to guarantee the quality of workings for a final product that always meets the customer's needs, thanks also to the constant search for innovations and modernizations of our production structure projected into the world of industry 4.0.

All our processes are performed with modern technologies and are conducted following tested and safe operating protocols; thanks also to highly performing control instruments, we are ISO 9001 certified.

The guarantee furthermore arises from the technical and managerial skills of the men employed oriented towards the highest quality standards and full customer satisfaction.

Since 2003 we have been producing CBA rigid boring and tapping pliers.



Our contacts

Phone +39 051 6166675 a.s.

Mail info@imtorneria.it - Website www.imtorneria.it

Timetables: Mon-Fri 08,00-12,30 / 13,30-17,00

Our referencies

Marketing Manager

Andrea Monduzzi marketing@imtorneria.it

Administrative Manager

Arianna Monduzzi amministrazione@imtorneria.it

Commercial and Purchasing Manager

Rossella Serafini acquisti@imtorneria.it

Alessio Scala commerciale2@imtorneria.it

Production Manager

Mauro Veronesi produzione@imtorneria.it

Responsables for Quality and Testing

Carlo Gherardi qualita@imtorneria.it

Andrea Gabusi

Machine List

Work center

Gildemeister GLD25 at 5 axes

Sprint 32 Linear at 8 axes

Citizen M32 V at 10 axes

Sprint 20 Linear at 8 axes

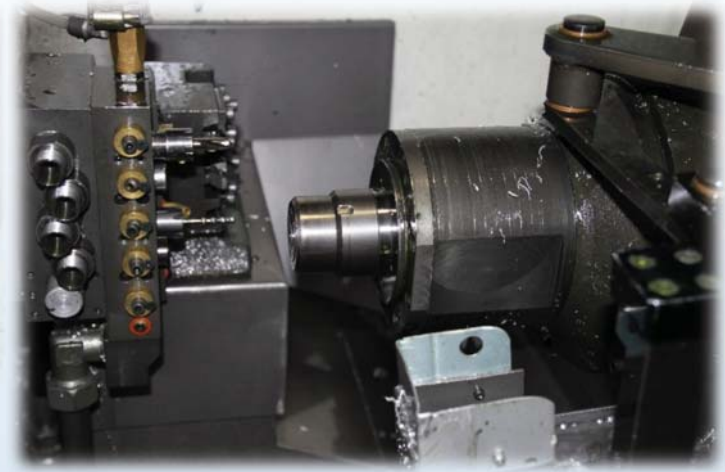
Nakamura Super NTJ at 6 axes + axis «B» Range 182°

Nakamura NTY3 at 12 axes

Nexturn SA20P at 7 axes

Tsugami HS327 – 5AX at 8 axes + axis «B» Range 135°

Nakamura WY-100 at 8 axes



Equipments

Sharpener SA2500 mm 12-25

Drill Traub

Traditional Cutter

Parallel Lathe T180

Manual and Hydraulic Press

Pantograph

Sandblaster

Laser Marker

Shooting lathes

Graziano GT300Gy at 6 axes



Quality Control

Our quality control is equipped with tools measuring devices of the latest generation including:

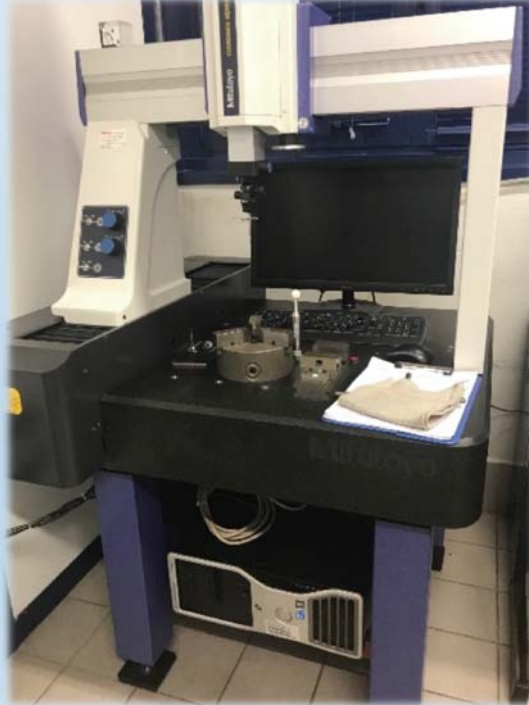
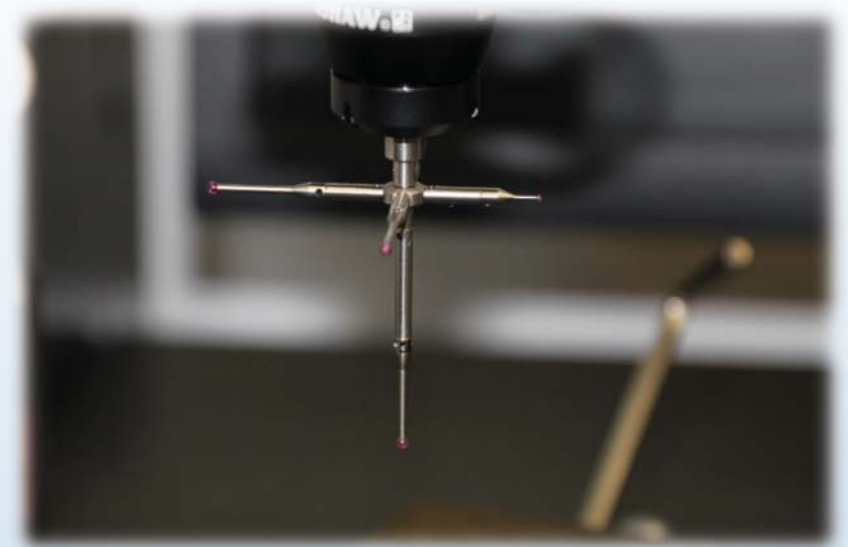
Altimeter Trimos Vertical and Altimeter LH-600D Mitutoyo

Three-dimensional Crystal Plus M443 Mitutoyo

Measuring Microscope Kestrel-Dynascope

Dimensional measurement system using images Keyence IM6700

Profilometer CV3200 S4 Mitutoyo



Quality Control

Part tolerances and control are key in the manufacturing process. Traditionally the measurement of the piece is done after its production as a post-process inspection. Our tendency is to measure the part as it is produced with real-time and in-process inspections.

The metrological inspection concerns the measurement, the tools used and the observation on the piece based on compliance with the accuracy required by the customer.

Quality control starts from the analysis of incoming raw materials and continues with the control of the production flow in all its phases up to the realization of the finished product.

We take great care in the maintenance of all our measuring instruments with periodic checks on their performance to keep them always fully efficient.



Workable materials

We work materials ranging from \varnothing 3 mm to 65 mm.

The materials used are many:

Steels

Automatic: AVP – AVZ – PR80

From cementation : C10 – 16NiCr4 – 18NiCrMo5

By hardening: C40 – 39NiCrMo3

Stainless: AISI303-304-316-329 – AISI410-416-420-430-630

Titanium

HSX

Impax

Iron-free materials

Brass

Mechanical phosphor bronze

Aluminum 11S-Anticorodal-Ergal-AW6026-AW6060

Plastic materials

PVC

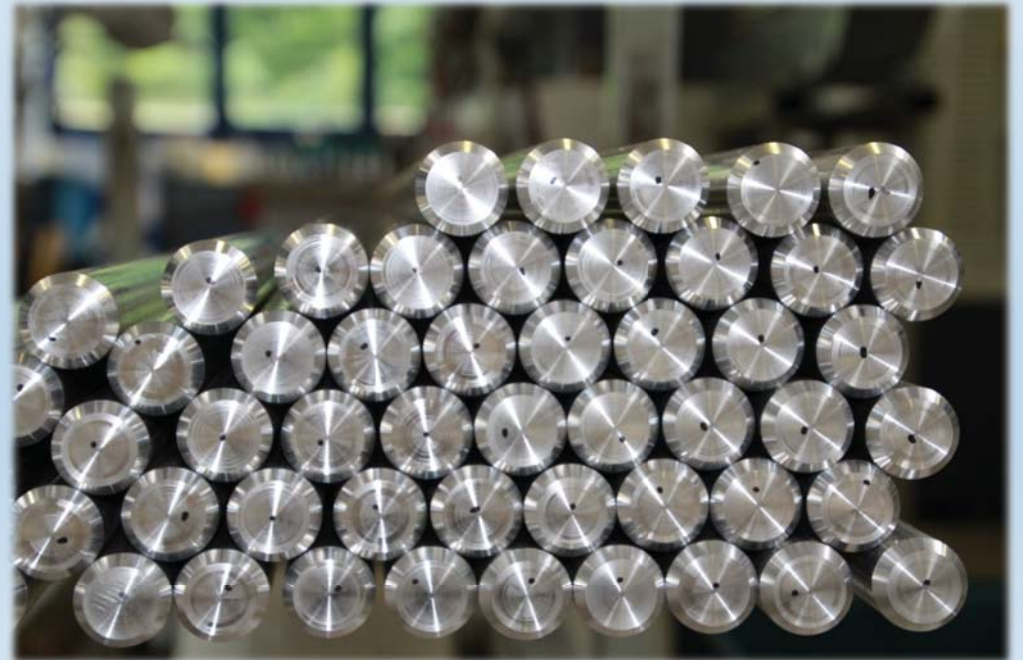
Teflon

Ertalyte

Bakelite

Delrin

Peek





We are equipped to carry out mechanical assemblies of various kinds using standard or ad-hoc equipment.

Processing

We perform secondary drilling, threading, milling, straightening of shafts and pipes, sandblasting and laser marking for logo traceability





Washing and packaging

We have machinery for manual degreasing of turned parts as well as washing without chemical agents and protective film.

Our shipping department is available to carry out customized packaging on customer request, like boxes, bags, blisters etc... provided by the customer himself





Some examples of particular products



Pliers for reaming

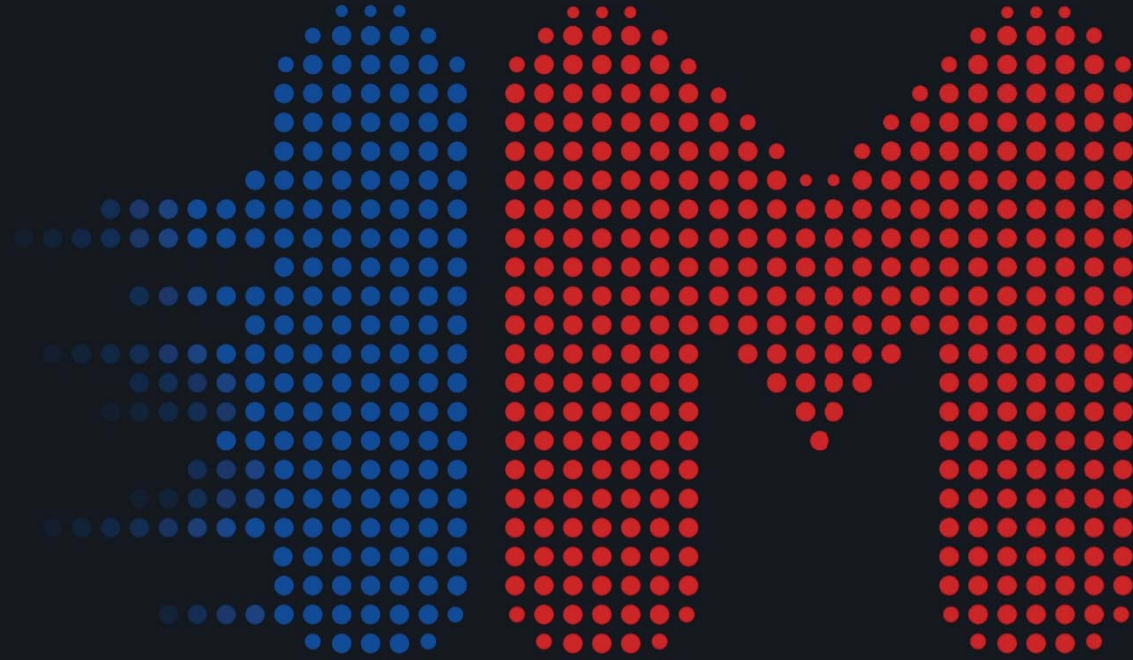
Our owner Mr Monduzzi Andrea designed and put into production several years ago CBA rigid rapping and boring pliers.

The CBA grippers have been designed to carry out boring operations on the new machining centers and optimize the internal dimensions of the machines to be able to perform the machining with the motorized tools that nowadays have numerical control machines.

They also find application in tapping on machining centers, optimizing the attachment of the thread by distributing the same cutting effort equally on each cutting edge, obtaining threads with better finish and a tool life of more than 150% of the threads performed with traditional methods.

The partners that deal with the marketing of our pliers are the company Chia-mo Srl for Italy and the company Hoffmann Supply Chain GmbH for Europe and the rest of the world.





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