

Precision integral machining

As a result of our ISO 9001 quality system, each piece or mechanized lot incorporates a detailed roadmap, which indicates each of the phases of the process per machine, as well as data and dimensions to be taken into account.

At Iber Preci, we actively collaborate with local teaching centers for the continuous training of our staff, as well as teaching classes and searching for future talent.

Production machinery park

Horizontal centers

- 3 axis

- Okuma MA 600 HII - 27 kw // 60 m/s // 650 x 650 mm
- Okuma MX-50HB - 22 kw // 60 m/s // 500 x 500 mm

- 4 axis

- Okuma MA-50 HB - 22 kw // 60 m/s // 500 x 500 mm
- Okuma MA 400 - 22 kw // 60 m/s // 500 x 500 mm
- Quaser MK 60 II - 11 kw // 32 m/s // 500 x 500 mm

Vertical centers

- 3 axis

- Okuma MF-46 VAE - 17,5 kw // 60 m/s // 760 x 440 x 450 mm
- Okuma MF-46 VA - 17,5 kw // 60 m/s // 760 x 440 x 450 mm
- Victor VCenter 70 - 11,5 kw // 32 m/s // 760 x 440 x 450 mm
- Deckel Maho DMV-50V - 15 kw // 20 m/s // 950 x 440 x 450 mm

- 4 axis

- Okuma Genos M560R-V 17,5 kw // 60 m/s // 1000 x 440 x 450 mm
- Makino PS 95 - 17,5 kw // 60 m/s // 760 x 440 x 450 mm

CNC Lathe

- Okuma LB - 300M - 15 kw // \varnothing 370 x 500 mm
- Okuma LB-15 - 9 kw // \varnothing 300 x 300 mm
- CMZ TA 30 TY 1100 - 30 kw // \varnothing 500 x 1100 mm
- Mori Seiki - 11,5 kw // \varnothing 350 x 500 mm

Grinding machines

- Precissori CNC 1000 - \varnothing 300 x 100/mm
- Danobat U500 - \varnothing 300 x 500 mm
- GER RHC 600 - \varnothing 1000 x 500 mm

Surface treatment

Surface: Finish and cleaning by abrasives (sandblasting and vibrating), electropolished and ultrasonic.

Thermal: We have auxiliary workshops and collaborators for tempers, galvanized, stabilized and any type of thermal finish.

Assembly

For a better solution to first equipment, we have an assembly area, with quality controls suitable to each customer and according to specifications.

In addition, thanks to our ERP (Microsoft Dynamics Nav (Navision)), it allows to work just in time with the chains of manufacture and supply of our clients in any part of the world

Purchasing Department

We have a department specializing in international purchases in 4 languages, in continuous search of the best materials of the market for the different applications.

Logistic

We adjust our warehouses, both raw material (smelting and bar) and finished product to the delivery times requested by customers.

Just in time.

Engineering Office

Our technical office develops and elaborates all the necessary documentation to guarantee the traceability and control of all the parts, developing the specific manufacturing processes of each one, as well as the corresponding mooring and control tools, Using CAD-CAM tools.

We also develop the corresponding dimensional controls requested by our customers, as well as those related to the partial processes of machining. All this in order to guarantee the final quality of the product.

Independent Quality Control

Depending directly on the management of the company, our quality area is present from the acceptance of offers until the delivery of the product to the customer. To do this, we establish protocols of action between all the areas and departments of the company through our internal quality manual. With the commitment to continuous improvement and diversification of strategic markets, we have the ISO 9001 quality certifications.



Laboratory of Metrology

After machining, according to customer needs, we perform independent dimensional quality controls in our verification areas with documented internal traceability. We also offer our external services to other companies in the sector.

Palpation Measurement

For all types of prismatic and revolving parts, whether in steel, stainless steel, metal alloys, plastics or composite materials.

- Measurement reports. Adapted to the needs of our clients.
- Measurement program. For CMM Zeiss machines with CALYPSO software.

Roughness and hardness

- Hardness measurement HB, HR, HV, in mechanized parts treated and not thermally treated.
- Measurement of surface roughness Ra, Rz, Rt, Rq, Ry.
- Hardness measurement in white materials in ShA units.

Equipment

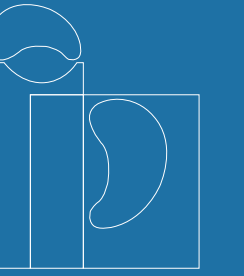
- Zeiss MMC Contura G2 700 x 1000 x 600
- Vertical Column Trimos 600
- Tesa Micro Hite 3D Dual 440 x 490 x 390
- Vertical Column Tesa 600
- Vertical Column Manser 400
- Profile Projectors
- Magnetic particles
- Penetrating liquids
- Hardnesses tester



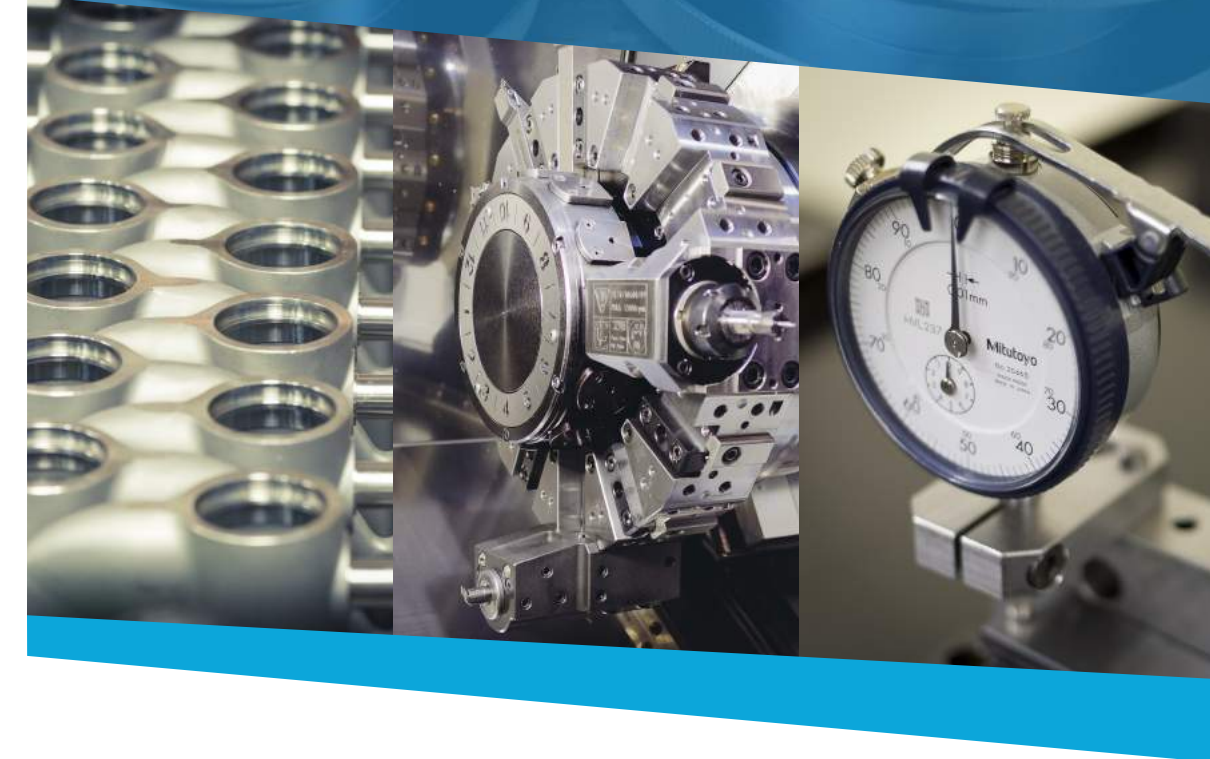
Iber Precis all over the world

General Catalogue

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Iber Precis is a company specialized in precision machining

We have quality area, surface treatment area, assembly area and international purchasing and subcontracting Department. With all these capabilities, we offer first-class equipment a comprehensive machining solution as a top-tier supplier. We guarantee our experience of more than 20 years in sectors as demanding as defense, aeronautics, food and elevation.

Organization chart

