forging your ideas®

COLD FORGING AND MACHINING

JESÚS OÑATE HNOS.

Founded in 1879

Since 1879, forging your ideas®

We are a company with a long industrial tradition that began in 1879, focusing primarily in the manufacture of fastening elements and technical parts, which at present, are produced using cold forging and machined processes.

The abovementioned industrial activity has experienced a remarkable growth during our extensive history, a growth that has enabled us to position ourselves as a clear sales and technical benchmark for the Spanish and European markets.

And always with a permanent objective: forging customers!

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PRODUCT ENGINEERING

Within our business strategy, both the development of product engineering as well as its quality assurance, are fundamental aspects of that strategy. For that reason, we have substantial engineering equipment equipped with the most sophisticated design and simulation of processes and products (CAE).

CAD-CAE

Own tooling design

R+D strategical planning

Team work with the customer from the beginning of the project

QUALITY

The quality of our products begins with a technical design of the manufacturing process whose primary goal is excellence, and continues through the implementation of prevention systems and unitary automatic verification of the manufacturing, and always within the framework of quality management recognised by our customers (ISO/ TS 16949, ISO 14000, EFQM).

Close-up of 6 multi stations automatic system

Cold forging

Our company has the latest technology in horizontal cold forging press multi-stations (up to six stations, and a maximum output of 600 tonnes), means which enable us to manufacture a wide range of parts both in size (from 50 grams to 1.5 kg) as well as in technical complexity.

General view of a cold forging machine

Seven multistation cold forging machines:

1 of 3 stations of 1800 kNw.
3 of 4 stations of 3600 kNw.
1 of 5 stations of 3100 kNw.
1 of 6 stations of 3100 kNw.
1 of 6 stations of 5500 kNw.

Balls pins

Parts for the steering equipment system (components under "security and regulatory" standards) and vehicle suspension, conical ball pins, hollow, with a reduction in head diameter, ring on the valve rod, hexagonal or "torx" on its end etc.

Ø 19x94 mm.

Ø 29x115 mm.

Ø 16x130 mm.

Ø 29x65 mm.

Ø 34x110 mm.

Bushes

Tubular elements led to the vehicle's anti-vibration system (shock absorber) or as a structural element of the chassis.

Ø 16x74 mm.

Ø 33x46 mm.

Ø 30x95 mm.

Ø 22x65 mm.

Ø 31x63 mm.

Ø 31x80 mm.

Ø 22,5x60 mm.

Ø 20x54 mm.

Ø 27x90 mm.

Shafts

Parts for the vehicle steering column (under “security and regulatory” standards), and its generator or electrical motor.

Ø 29,5x80 mm.

Ø 19x136 mm.

Ø 31x105 mm.

Ø 26,2x127mm.

Ø 19,5x115 mm.

Technical parts

Components designed and manufactured according to customer specifications and requirements, led to applications with highly demanding technical and functional requirements.

Ø 30x66 mm.

Ø 30x95 mm.

Ø 34x145 mm.

Machining CNC

The Machining and Assembly division has modern automated computerised numerical control centres (CNC) and "transfer" machining and component assembly machines.

CNC Division

Cells of CNC machines with robotic feed systems

Other auxiliary units

Machined parts

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