



PRODUCT PRESENTATION

ESHUA

Manufacturing of metal and electrical components, fasteners, and bearings.

WHO WE ARE

Eshua is a company founded in 2004, with more than 21 years of experience in the market, dedicated to the commercialization of metal and electrical products, supported by ISO 9001:2015 quality certifications.



WHY CHOOSE US?

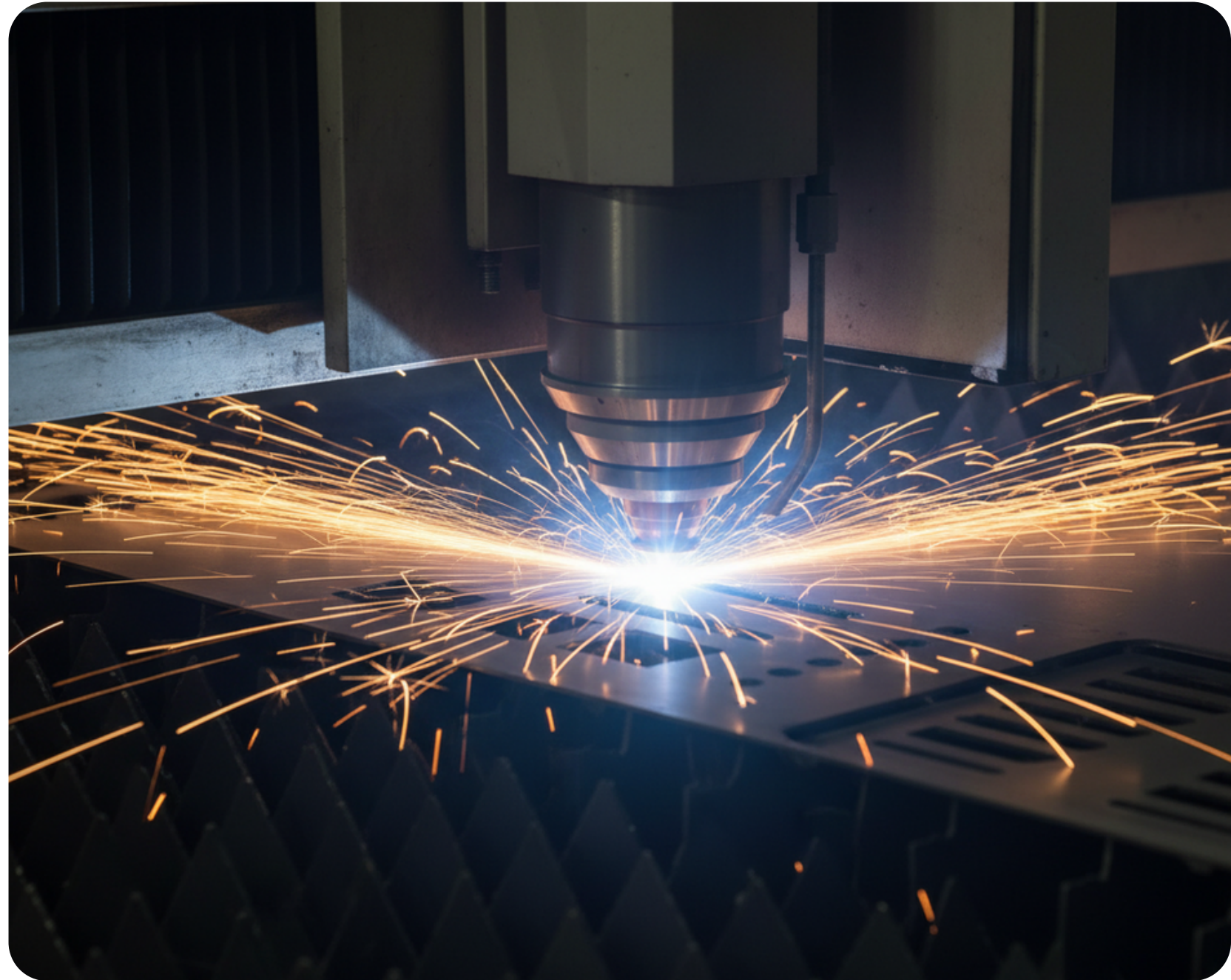


We are a company committed to fulfilling all the needs and minimum requirements of each of our clients, delivering solutions on time and as agreed, while exceeding expectations under the highest standards of quality, service, and professionalism, at the lowest possible cost.

COMMITTED

- To providing our clients with products and services of quality and reliability.
- We are proud to hold certification and implementation of a Quality Management System under ISO 9001:2015.
- We ensure improvement in any business opportunity by collaborating directly with you to successfully develop and consolidate your project.

LASER CUTTING



Cutting Capabilities

- Stainless steel up to 0.5 mm or 1/2"
- Carbon steel up to 0.5 mm or 1"
- Aluminum up to 0.5 mm or 5/16"
- Plasma cutting and shearing (guillotine)

An economical cutting process that provides greater productivity and speed, ideal for both thick and thin materials, including:

Carbon steel

Galvanized steel

Stainless steel

Aluminum

Cutting range from 28 gauge up to 1/2" thickness.

MACHINING CENTERS



CNC MACHINING CENTERS

- They operate under Computer Numerical Control (CNC) with high automation and minimal human intervention.
- They use rotating cutting tools such as drills and cutters.

MACHINABLE MATERIALS

- Engineering plastics (All types and Nylamid)
- Copper alloys (Brass, Bronze, Copper, Beryllium Copper)
- Aluminum alloys (6061-T6, 7075, Alumold, Duralumin)
- Stainless steels (304, 316/L)
- Tool steels (H13, 4140T, O1, D2)
- Alloy steels (4140T, 4140R, 8620)
- Carbon steels (A36, 1018, 1045, 12L14)

MAIN ADVANTAGES

- High precision and versatility: multiple operations can be performed on a single part.
- Excellent surface finish and generation of internal profiles.
- Reconfigurable and efficient for mass production.
- Capability to manufacture large and complex parts at low cost, with the possibility of recycling material waste.

FASTENERS AND FINISHES

We supply fasteners and fastening solutions for industrial, structural, electrical, and assembly applications.



Main materials:

- Carbon steel
- Stainless steel 304 / 316 / 410
- Silicon bronze
- Brass
- Nylon and plastic

Key products:

- Allen / Socket head screws
- Hex bolts and screws
- Self-tapping and self-drilling screws
- Nuts, washers, and pins
- Rivets, anchors, and accessories

FINISHES AND SPECIFICATIONS

We offer a wide variety of finishes to improve corrosion resistance, appearance, and performance of each part.

Main finishes:

- Plain finish / black oxide
- Zinc-plated
- Yellow zinc / yellow chromate
- Hot-dip galvanized
- Nickel-plated, chrome-plated, copper-plated, and tin-plated
- Phosphate-coated, heat-treated, and tempered

Available specifications:

- SAE Grades: 2, 5, and 8
- Metric property classes: 8.8, 10.9, and 12.9
- DIN and ISO standards
- Metric, inch, and special sizes



IF IT IS NOT IN THE CATALOG, WE CAN GET IT FOR YOU.

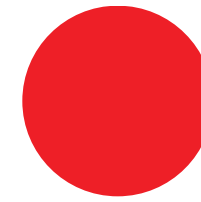
BEARINGS

Eshua offers a wide variety of bearings for industrial applications, which may be ball, roller, or needle bearings, capable of supporting axial, radial, or combined loads.

Their manufacturing requires high precision to guarantee proper roundness and performance.

Main types:

- Deep groove ball bearings
- Angular contact bearings
- Needle bearings
- Roller bearings (tapered and cylindrical)
- Thrust bearings (ball and roller)
- Self-aligning bearings (ball and roller)



INDUSTRIAL GASKETS AND SEALS



STATIC SEALS

O-RINGS, X-RINGS, Q-RINGS, AND EXTRUDED SEALS MANUFACTURED IN MATERIALS SUCH AS NBR, FKM (VITON), EPDM, SILICONE, AND PTFE.

THEY WITHSTAND TEMPERATURES FROM -253°C TO $+260^{\circ}\text{C}$, AVAILABLE IN STANDARD AND METRIC DIMENSIONS, WITH FDA, NSF, AND UL CERTIFICATIONS.

DYNAMIC SEALS

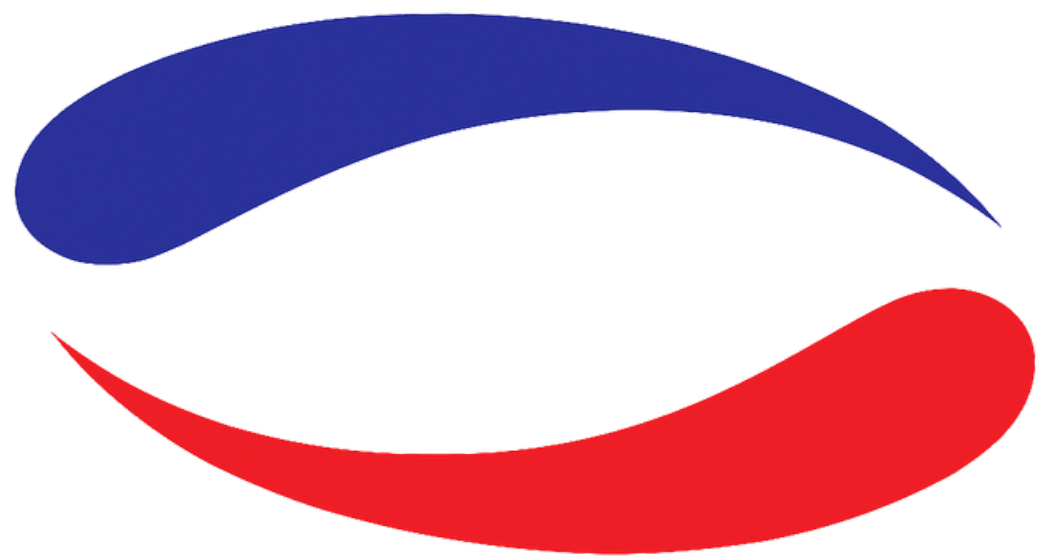
POLYPAK, POLYSEAL, U-CUPS, WIPERS, V-TYPE (CHEVRON), AND WEAR GUIDES. MANUFACTURED IN POLYURETHANE, NBR, FKM, PTFE, AND REINFORCED COMPOUNDS, RESISTANT TO PRESSURES UP TO 5,000 PSI, WITH HIGH RESISTANCE TO WEAR AND FRICTION.

OIL SEALS:

MANUFACTURED IN NBR, POLYURETHANE, FKM, AND METAL COMPOUNDS, DESIGNED TO AVOID METAL-TO-METAL CONTACT, REDUCE FRICTION, AND OPERATE IN TEMPERATURE RANGES FROM -253°C TO $+260^{\circ}\text{C}$.

MECHANICAL SEALS

TYPE A, TYPE B, AND TYPE M SEALS, MANUFACTURED IN MATERIALS SUCH AS CARBON, CERAMIC, CARBON STEEL, STAINLESS STEEL (304 AND 316), EPDM, AND FKM. DESIGNED TO PREVENT LEAKS, CONTAIN PRESSURE, AND AVOID CONTAMINATION IN INDUSTRIAL SYSTEMS.



THANK YOU



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