



Special Bearings for Every Application

Since 1974 we design and supply solutions where the standard component fails.



ISO 9001:2015



EN 9120:2018



50+ years of experience

About Us

Founded in 1974, Otar Srl is a technical partner specialised in the development and supply of special bearings and fully assembled units for applications where standard solutions fail.

Our value goes beyond component supply:
we support the customer from the application analysis stage, designing tailored solutions that integrate seamlessly into the final application.

Thanks to a technical portfolio ranging from semi-precision bearings to super-precision bearings for the aerospace and defence sectors, we are able to meet even the most demanding technical specifications.

50+

Years in business

2

Certifications

Custom

Custom engineering solutions

Our Approach: Solutions for Your Engineering Needs



Application Analysis

We study the customer's technical specifications: loads, speeds, temperatures, operating environment, etc.



Custom Engineering

We develop the optimal solution: geometry, materials, treatments, tolerances.



Prototyping & Testing

We produce prototypes with FEM/FEA calculations and life tests documented with comprehensive reports.



Certified Supply

Delivery with full documentary traceability, compliant with EN 9120:2018 and ISO 9001:2015.

Product Range – Bearings

Semi-Precision

- Moulded acetal resin bearings
- Solutions for standard industrial applications



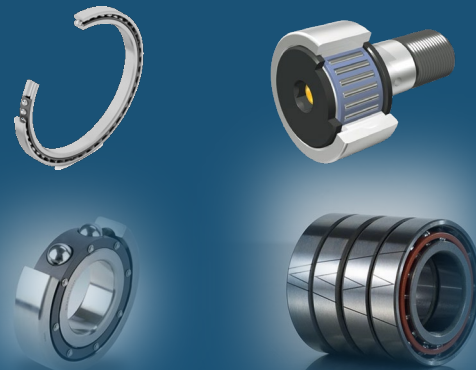
Precision

- Machined acetal resin bearings
- Steel and coated steel bearings
- Thrust bearings



Super-Precision

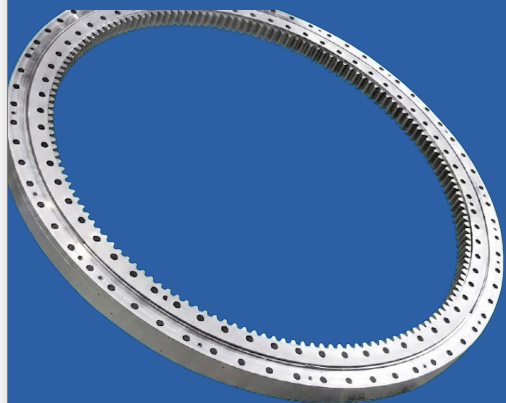
- Thin-section bearings
- Hybrid and ceramic bearings
- Yoke track rollers



Product Range – Slewing rings

Steel Slewing Rings

- For Wind Turbines, Crans, Rotary Tables, etc.
- Up to a maximum diameter of 14 meters
- Also available in stainless steel



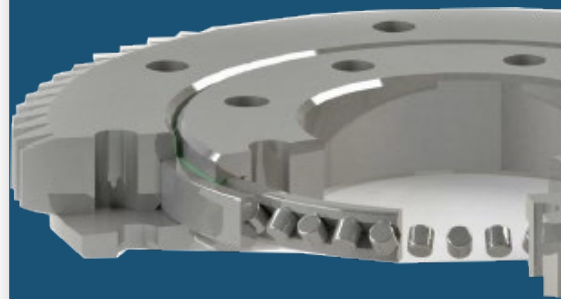
Slewing Rings in Lightweight Steel

- Lightweight version for special applications
- Weight reduction to the minimum possible, without compromising the strength
- Also available in stainless steel



Aluminium Slewing Rings

- Corrosion resistant
- Optimal lightness for naval applications
- Ideal for marine and offshore environments



Product Range – Aerospace Tools

Bearing Swaging / Installation

- Column drill swaging tool
- Portable manual swaging tool
- Available for every specific part number*



Cutting / Removal

- Column drill cutting tool
- Portable manual cutting tool



Proof Load

- Proof Load tool
- Breakaway Torque tool
- Swivel Torque tool



Quality & Certifications

ISO 9001:2015

Quality management system for business processes and customer satisfaction.

EN 9120:2018

Specific standard for the distribution of aeronautical components. Ensures the highest standards of traceability, documentary compliance and suppliers control.



Full traceability



Quality control



Design flexibility



Dedicated technical support

Certifications issued by RINA – Member of CISQ Federation

Key Market Sectors



Aerospace

AS 9100 bearings, tools and ceramic bearings



Defence

Lightweight toothed slewing rings, in aluminium and stainless steel



Wind / Photovoltaic

Slewing rings for wind turbines, roller bearings for gearboxes



Oil & Gas / Motor Sport

AISI 316 stainless steel bearings, hybrid and technical materials



Automatic Doors & Transport

Steel bearings coated with technical plastic materials



Packaging & Automation

Custom solutions for production lines



Satellite Antennas & Radar

Precision and reliability in critical environments



Electric Motors & Robotics

Thin-section and super-precision bearings

Some of Our Clients

Leonardo Helicopters

Leonardo Defence Systems

Leonardo Elettronica

UTC Aerospace Systems

IVECO Defence Vehicles

Pattonair

Marcegaglia

Incora

Faiveley Transport

DeLonghi Group

Pratic

Robopac

The Right Component, Engineered for Your Application.

We are ready to assess with you every technical requirement, from specification to prototype, through to series supply.

- ✓ Tel: +39 010 8356685
- ✓ Email: commerciale@otar.it
- ✓ Web: www.otar.it
- ✓ Address: Lungobisagno Istria 29M/R - 16141 Genoa Italy