

PROFILE ROLLERS FOR LINEAR GUIDANCE SYSTEM

Jesa.
bearing solutions



why choose us?

Benefits for you:

- ✓ Swiss Made
- ✓ Access to engineers who can provide bespoke solutions tailored to your exact specification
- ✓ Selection of standard stock items with speedy deliveries
- ✓ Optimised design for low noise, low friction and extended lifetime
- ✓ Value for money

our offering

- We are constantly innovative and are in tune with the requests of our customers to offer customised offerings.
- We pride ourselves on our ability to provide innovative designs for customised solutions for our customers.
- We also offer a selection of standard stock items to complement/complete your range.

Choice of materials

- Steel
- Stainless steel
- Steenox

Grease

- food and beverage
- high and low temperature

Design

Unique designs developed together with customers

Tailored logistics solutions

Custom stocking & delivery solutions available

Choice of packaging to suit your requirements

To customer defined specifications

Complementary products

Supply of complementary products and parts (eg. shafts)

 SWISS MADE

STEEL



our solutions

Steel Option

We offer a complete range of high performance products to address the most demanding linear guidance applications.

Stainless Steel Option

We offer a range of LRG stainless steel rollers for applications in food, nuclear and medical market segments or for highly corrosive environments in industrial applications.

Bespoke profiles

Our engineers can adapt or enhance existing designs or create totally new designs based on your specification. Please contact us to learn more about this option.

We would love to add value to your future projects.

JESA as partner



idea



development



production



delivery

SHAFTS



BESPOKE PROFILES



STAINLESS STEEL



our products

JESA offers direct contact between its customer and the producer/designer. Moreover, all the rollers are *Swiss Made*.

CAPABILITIES FOR TRACK ROLLERS

FEATURE	RANGE / DESCRIPTION
Bearing type	Ball, double row track roller
Size range of inner bore diameters	5 mm to 25 mm
Size range of outer diameters	16 mm to 72 mm
Ring materials	Steel 100Cr6, stainless steel 1.4125
Precision class	ABEC3 tolerance class (For comparison, the current industry standard is ABEC1)
Cage materials	Steel, Stainless steel, Polyamid, PEEK, other
Seal materials	Rubber (NBR, FPM, ACM), steel shields, stainless steel shields, combinations there of
Grease	Standard and special grease for food industry, other options on request
Operating temperature	From -35°C to +120°C
Max speed	10 m/s
Special profiles	Many special profiles available for inner and outer diameters and widths Hybrid bearings with Si3N4 ceramic balls can be used up to 270°C
Performance targets	Low acoustic noise, low vibration, highest lifetime, precision, used in many applications
Applications	Automation, industry, special machines, printing, packaging, food industry, medical, robotics



our references



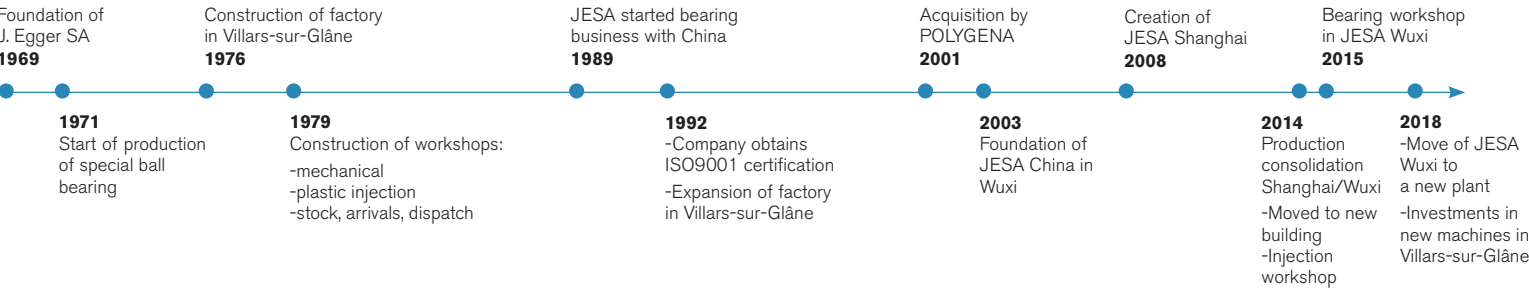
and many other reputable manufacturers

our certifications



about JESA

Founded in 1969 by Mr. Joseph Egger in Villars-sur-Glâne in the Swiss Canton of Fribourg, JESA is currently a limited company belonging to the POLYGENA group and employs a workforce of approximately 300 people. A specialist in bespoke precision ball bearing solutions and innovative units containing engineering polymers, JESA has been a leading player in this market for 50 years. With a worldwide presence, its turnover is around 50 million Swiss francs. JESA regularly invests in cutting-edge technology production and equipment in order to maintain its operational excellence.

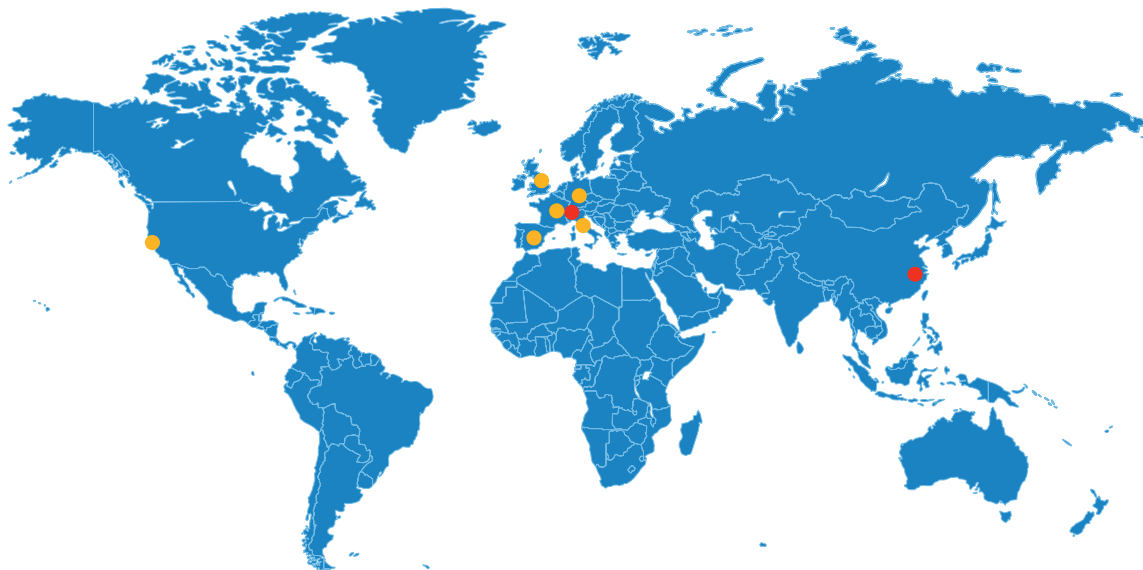


PRODUCTION IN SWITZERLAND



PRODUCTION IN CHINA





- Sales offices
- Production sites and sales offices

Follow us on social medias



JESA SA (Switzerland)

Rte du Petit-Moncor 9
1752 Villars-sur-Glâne
Switzerland
Phone: +41 26 408 47 00
info@jesa.com
www.jesa.com

JESA (Wuxi) Co., Ltd

222-1 Chengnan Road
New District, 214028
Wuxi, China
Phone: +86 510 88151555
info@jesa.com
www.jesa.com