

FLI

LINEAR SYSTEM

- Ballscrews
- Linear guideway
- Linear bearings
- Precision shafts
- Linear actuators

STEEL/STAINLESS
ANTI-CORROSION



Production

FLI

Core Business

➤ Stock / Machining

The stock at FLI comprises a large range of linear components that are available in various sizes, lengths. We offer economic and fast shaft machining, which is done in-house; more recently the company has joined forces with reliable partners to provide customers with new premium components to meet their every need.

➤ Cutting and machining:

The warehouse is equipped with two cutting-stations along a 20-meter-long line that can handle up to 1,000 cuts a day and machine (diameters) cross-sections up to 100 mm.



From stock we are ready to deliver:



30,000 meters
of precision shafts



10,000
housing units



2,000 meters
ballscrews

50,000
linear bearings.

➤ Laser-printing of rails:

*Available for all lengths
over 4,000 mm
(with junction fine-tuning)
to ease final mounting.*



➤ Quality

*Since its early days the company has endeavored to deliver high-quality products that meet and fulfill customers' expectations. Our Sales Administration deal courteously and efficiently with all customers' requests. These factors have contributed to establish **our name both on the national and international markets.***

Manufacture

FLI stock

Precision shafts



Hardened precision shaft Ø 4 to 100 mm / standard / chrome / stainless / hollow

Shaft support and housing units



Standard / compact / self-aligning

Precision spline shafts



Standard / anticorrosion treated / stainless

Linear bearings for precision shafts



Ball bearings Ø 3 to 150 mm (compact / self-aligning / stainless) plain bearings

Trapezoidal range



STEEL C35
STAINLESS AISI 316L

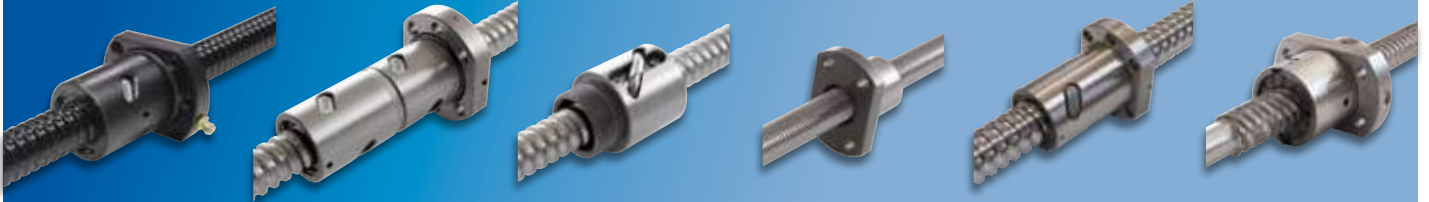
*Ø 10 to 70 mm
Left and right hand / 2 start possible on request*

Advice

FLI

stock

Rolled and ground ballscrews



Rolled ballscrews Ø6 to 63 / Ground ballscrews from Ø12 to 125 mm on request

Housing units for ballscrews and nuts



Linear guideways



Steel / Anticorrosion / Aluminium and stainless steel

Mechanical Components



Standard and stainless steel Rod ends / Track rollers / Cam followers

Linear tables / Actuators / Track rollers systems



Quality control



Knowhow



FLI CAN MODIFY THE PRELOAD

on ballscrews and linear guideways



FLI CAN ALSO MONITOR THE TORQUEING LOAD



FLI CONTROL

*THE STRAIGHTNESS
of ballscrews and precision shafts*



FLI CAN MONITOR THE ROTATING TORQUE

*on ball screws
According to ISO 3408-3*

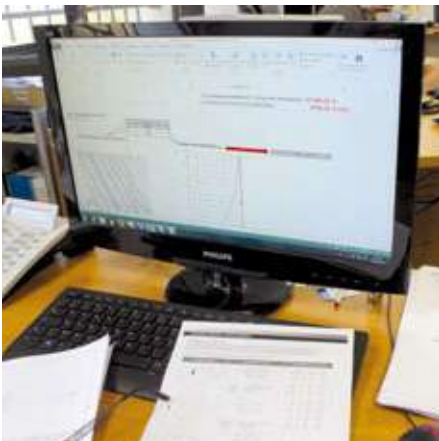


FLI CONTROL THE THICKNESS OF CHROMIUM COATING and THE HARDNESS OF OUR PRECISION SHAFTS



FLI GUARANTEE TRACEABILITY

*thanks to LASER PRINTING
of our materials
with every client reference*



TECHNICAL SUPPORT

We'll provide you with **technical advice and assistance** and we'll help you choose the most suitable products to fit your needs.

In case of more sophisticated industrial needs, our company can have your study **analyzed and validated** by our engineers, who **will share their insights** with you to optimize the implementation phase.

—The company's assets

Large range of products and stocks ●

Short delivery time ●

Qualitative technical assistance ●

High grinding capabilities ●

Highly efficient machining workshop ●

Domestic and international logistics ●

FLI has been established since 1999 ●

and has based its success on a closely-knit,
reactive and operational efficiency of its workforce.



Since 1981 the group has **committed itself to the manufacturing and supply of components** for linear guiding systems such as cam-roller guides, linear guide ways and linear tables.



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Sarl au capital de 500 000 €