

Schuhmacher

PRÄZISIONSDREHTEILE



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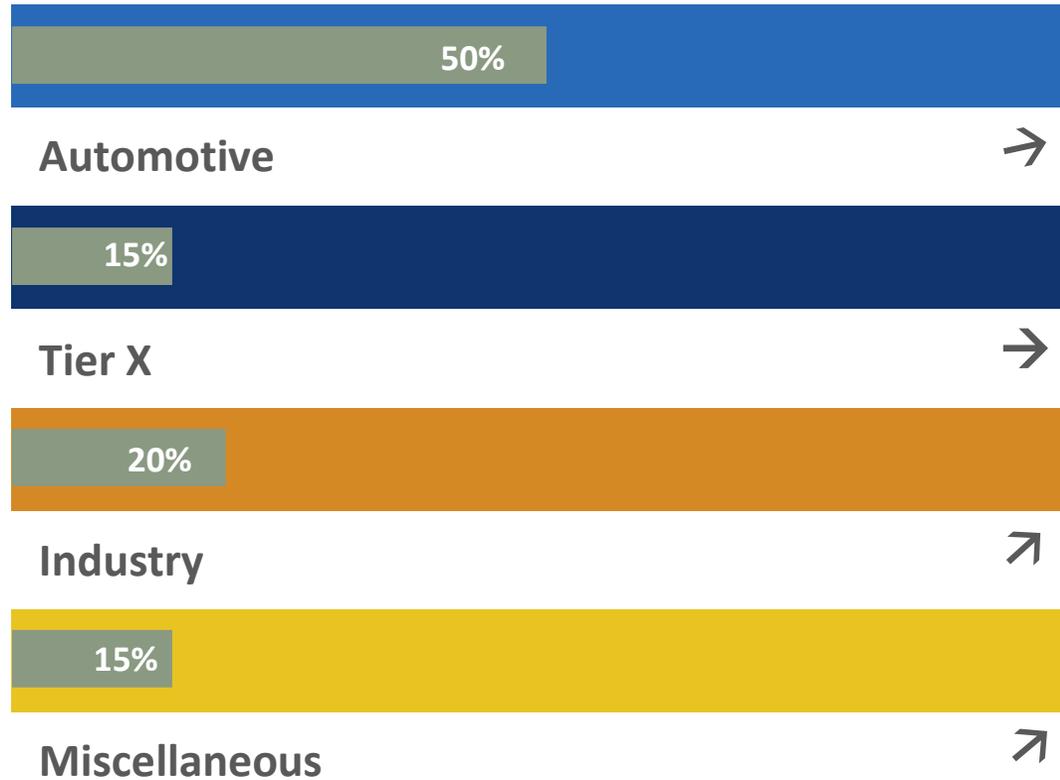
- Growth strategy
- Schuhmacher shareholdings and commitment



At a total of three locations in Europe, we produce precision **turned parts**, **assemblies** and **systems** for our international customers.

- ✓ HQ Spaichingen
- ✓ Technology and logistics center
- ✓ Subsidiary in CZ

Sectors



Automotive

50%

Motor vehicles of all types regardless of power source, commercial vehicles and off highway

Decades of partnership with major car manufacturers

Tier X

15%

Tier X for all OEM markets are an important and stable mainstay with long-standing customer relationships

Industry

20%

Industrial products for OEM customers as well as in component manufacturing

Miscellaneous

15%

Strategic markets away from traditional volume business

A century



Establishment

Josef Schuhmacher

1921

Production of glass windows, doors and facon turning in the parental building. In the war years began the simple mechanical production



Succession

Franz Schuhmacher

1966

Franz Schuhmacher takes over the parental business



Expansion

Franz Schuhmacher

1970

From 1970 to 2000, significant expansion was realized in Max-Planck-Street and the machine park was continuously extended



Generation change

Stefan Schuhmacher

1997

Takeover by Stefan Schuhmacher. To date, extensive expansions in technologies and competencies have been introduced. 2005 foundation of CZ plant, 2010 opening of our modern technology and logistics center. Since 2018 **Fabian Keller** supports as technical managing director



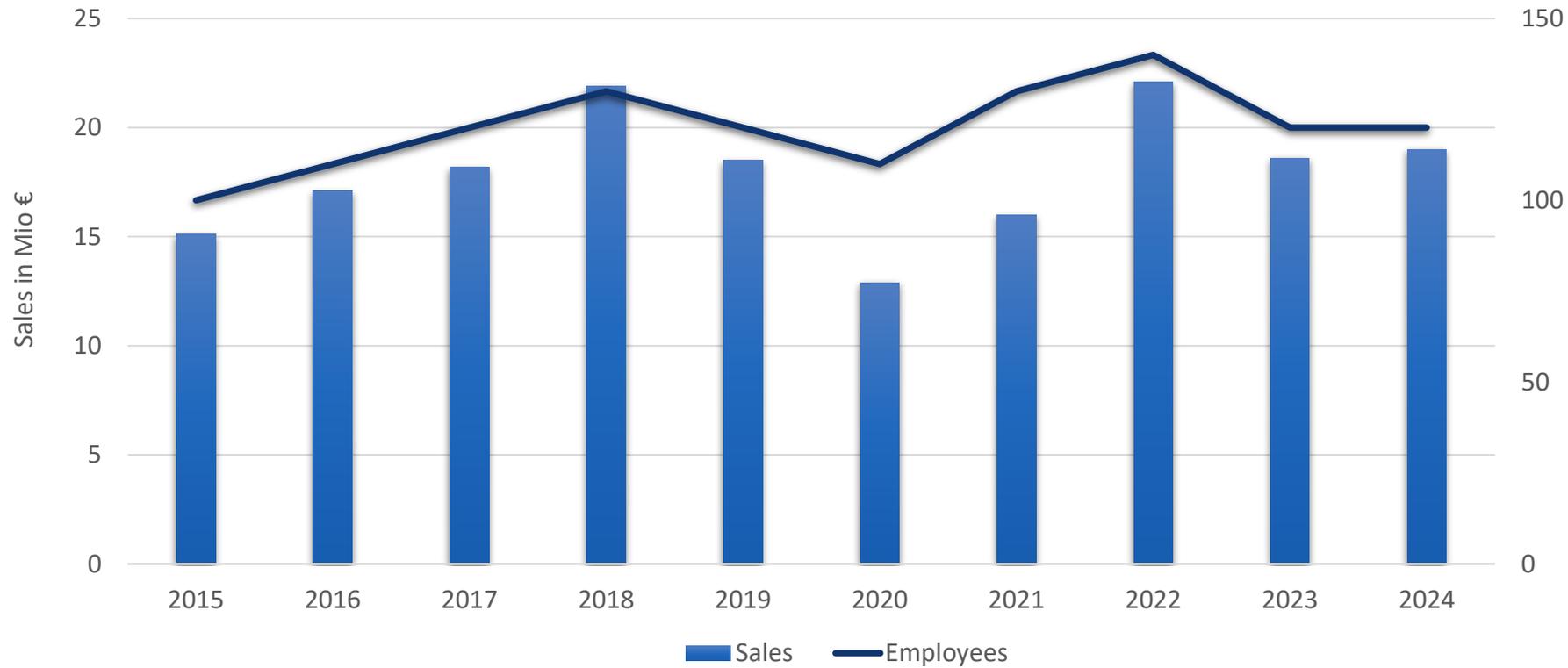
Growth strategy

Stefan Schuhmacher
Fabian Keller

2023

Global changes and structural realignments are anchored in our growth strategy and lead the company into the future in a targeted manner

Sales development



Reference Customers



Automotive



Tier X



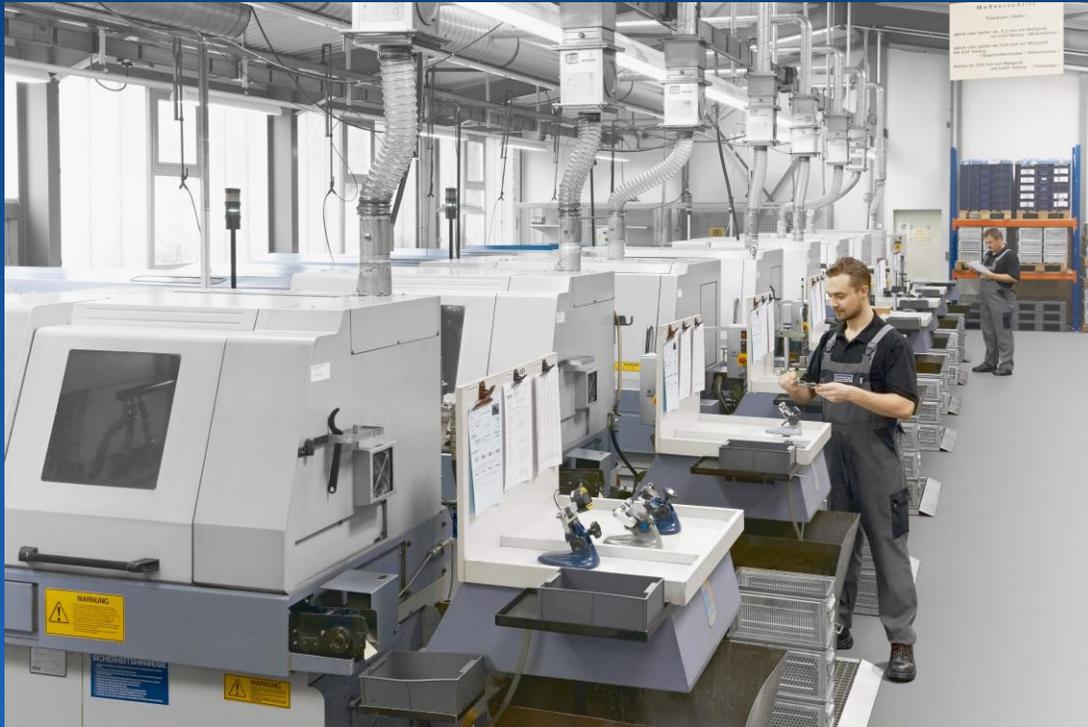
Industry



Miscellaneous



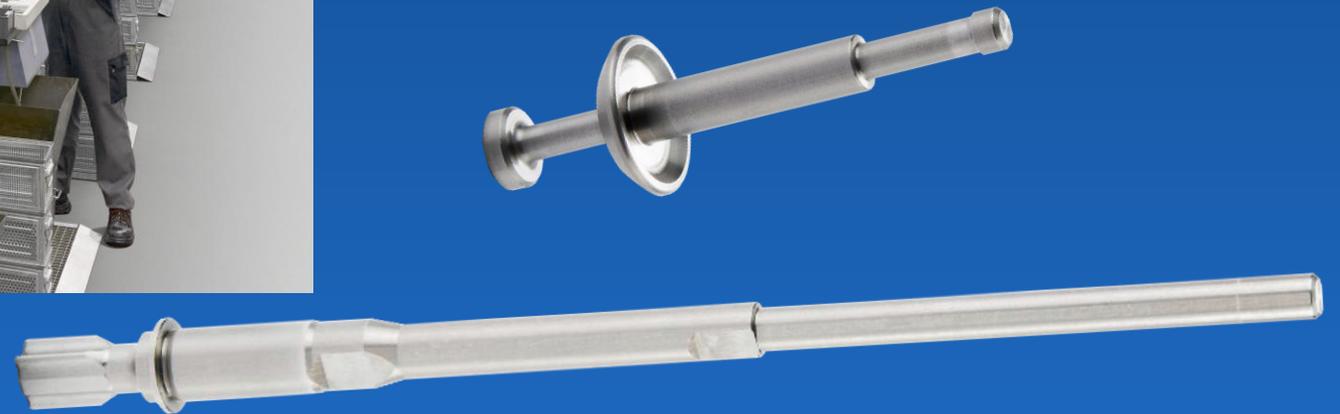
CNC Long Turning



Modern | Process-oriented | Economic

Complex and long

- multi-axis and fully automated machining
- up to \varnothing 38 mm and 500 mm length
- batch size from 1.000 to 2 million pieces/year
- filigree inner contours with high pressure
- cross holes, key surfaces and complex backworking



CNC Short Turning



Modern | Process-oriented | Economic

Complex geometries

- multi-axis and fully automated machining
- from \varnothing 3 mm to \varnothing 65 mm
- batch size from 1.000 - 2 million pieces/year
- fully automated production for high volumes
- cross holes, key surfaces and complex backworking
- high surface quality and small tolerance zones up to IT6 possible without rework



Multi-spindle Turning



Modern | Process-oriented | Economic

High volumes

- multi-axis and multi-spindle machining
- from \varnothing 3 mm to \varnothing 35 mm
- batch size from 70.000 to 5 million pieces/year

Multi-spindle turning is characterized by simultaneous machining on up to 6 spindles which significantly reduces cycle time and allows large volumes to be produced economically.

The components remain in the process until completion and the part quality reaches a very high level.

Assemblies



Modern | Process-oriented | Economic

Process depth

Assemblies and systems increase the quality of service for our customers.

Professional assembly and completion depending on the annual volume from manual to automated.

Our experts will be happy to advise you.

We procure all required components for you through our partner network or on request from your suppliers as well.

Materials

Free cutting and stainless steel

From excellent machinability to sophisticated stainless steels, we adapt to your exact requirements.



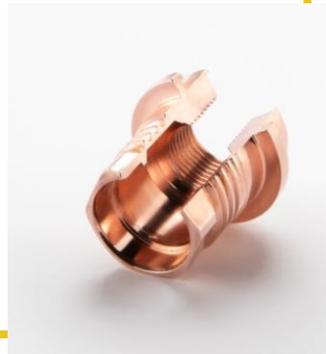
Tempered and case-hardened steel

Do you want high mechanical stress?
We have specialized in technical materials with our know-how.



Special materials

Further processing of e.g. cold-formed blanks, castings or even materials that are difficult to machine, we have the solution.



Aluminium, Titanium etc.

Weight reduction?
We machine a wide range of components from aluminium to titanium. Copper and brass complete the profile.





Just in time

Kanban

Full automation

Development assistance

Rapid prototyping

Complexity

Precision turned parts

C-Parts Management

A-B-C Samples

Design 2 cost

Process technology

Logistics concepts

Family business
3. Generation

Projectmanagement

Low cost country

Formula S

Certificates

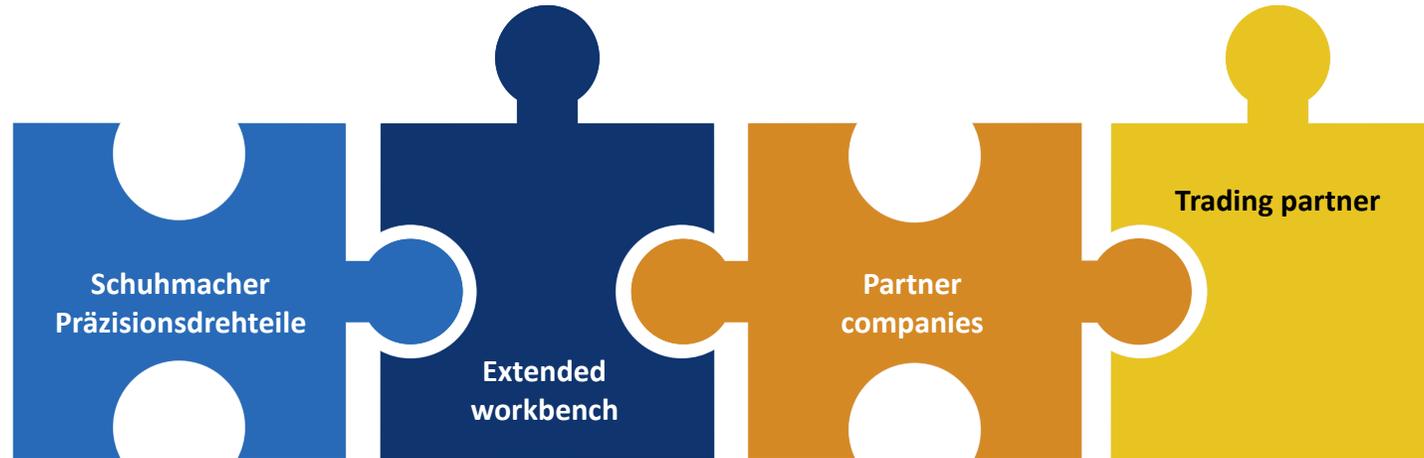
Evidence on the pulse of time

Schuhmacher Präzisionsdrehteile is always a pioneer, holds current certificates and is constantly expanding the organization.

- IATF 16949
- DIN EN ISO 14001 + EMAS
- DIN EN ISO 50001
- DIN EN ISO 45001
- ISO 9001



Partnerships



Schuhmacher Präzisionsdrehteile

Based on our competencies, we systematically access complements to support our customers with complex components.



Extended workbench

For simple tasks such as sorting or packaging solutions, socially committed partners support us.

Partner companies

Heat treatment, coating, plunge grinding, honing. With partner companies, as we call our service providers, we economically increase the added value.



Trading partner

We source merchandise, C-parts, blanks and semi-finished components globally and round off our portfolio.

Sustainability

As a responsible supplier, Schuhmacher Präzisionsdrehteile has the ability and the will to help shape solutions for our future. We focus the UN sustainability priorities on 3 core areas.

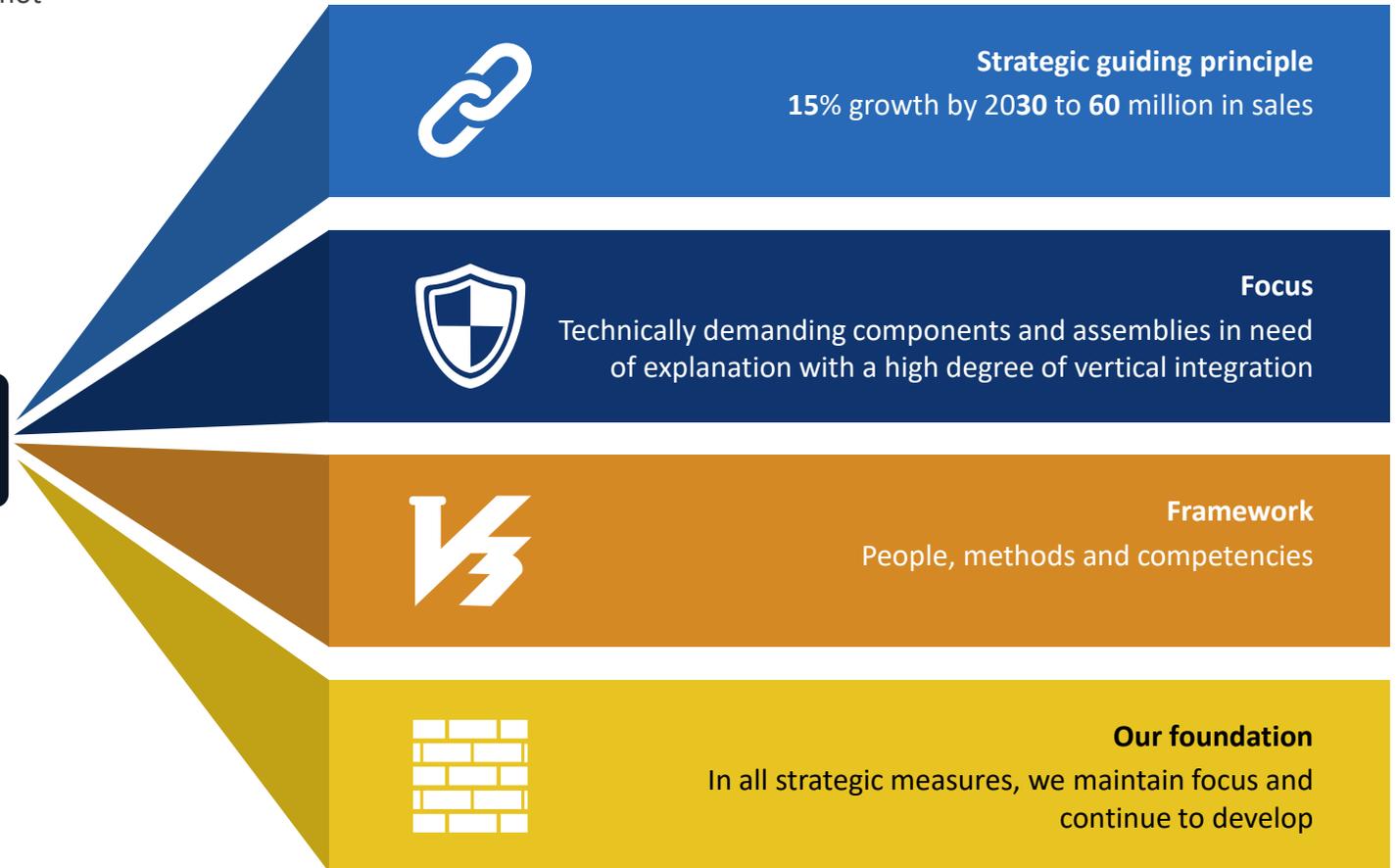
- Environment 
 - Reduction of global warming
 - Avoidance of air pollution
 - Reduction of substances with negative environmental impact
 - Conservation of resources and preservation of water resources
- Safety 
 - High safety standards at all sites
- Corporate infrastructure 
 - Modern equipment
 - Principles of the circular economy, we handle plastics responsibly
 - Reduction of waste and reusable packaging
 - Compliance



Strategic alignment

Reinventing ourselves 15-30-60

Our strategy is aligned with our core competencies. We do not shy away from new challenges and actively address them.
We know where we want to go.



Shareholdings and commitment



Precision deep drilling

- Lubrication channel bores
- Cooling channel bores
- Rotationally symmetrical parts
- Plates, flat cubic parts
- Non-axis-parallel bores

Tolerances

- Material dependent from ISO H7

Enormous flexibility

- Extensive tool stock

Materials

- Stainless steels
- Tempered steels
- Case hardening and structural steels
- Brass, copper
- Aluminium
- Plastics, e.g. polyamides
- Difficult-to-cut materials

Technology

- Maximum drilling depth 10 mm to 2800 mm
- Drilling diameter 2,5 mm to 250 mm
- Typical series size 5 to 20.000 pieces



Shareholdings and commitment

Schuhmacher

TECHNOLOGIES & HYDRAULICS

Valves

- Mechanical Valves
- Elektromagnetic Valves

Filters and filter elements

- Line, pressure and suction filters
- Filter elements

Pumps and motors

- Gear, axial piston and radial piston pumps

Sealing technology

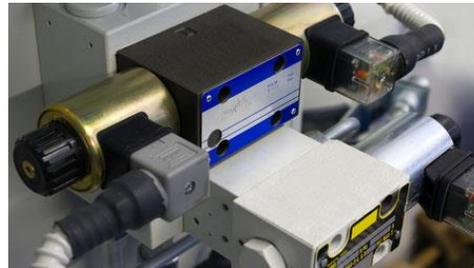
- O-rings, sealing rings, production according to customer requirements

Service

- Manufacturer-neutral
- 24H response service
- Spare parts service and recoding of old components
- Advice on the selection of hydraulic components

Manufacturer

- Bosch Rexroth
- Weber Hydraulik
- Argo-Hytos
- SUN Hydraulik
- MP Filtri
- Filtration Group
- and many more



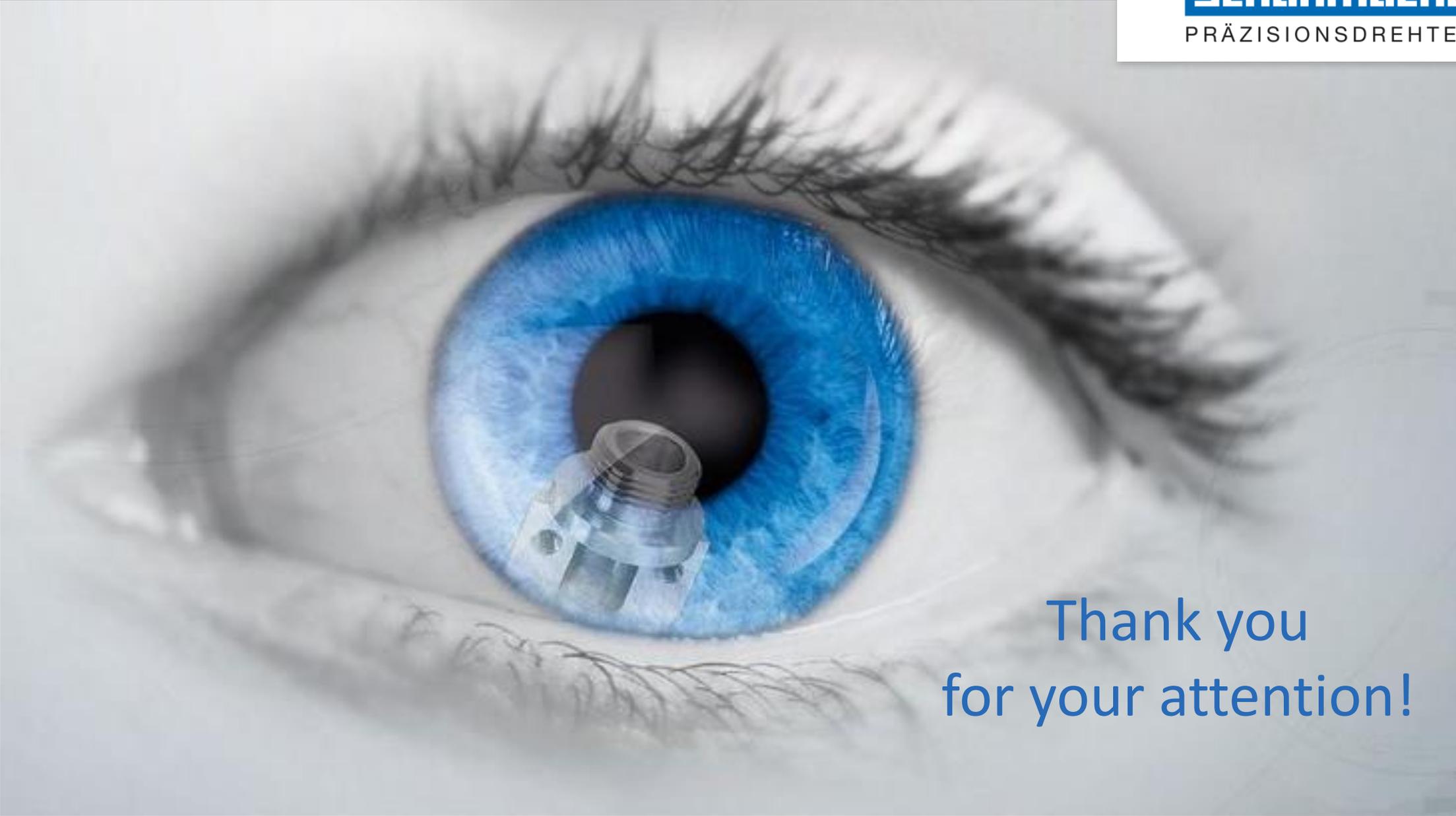
Shareholdings and commitment



www.schuhmuckl-ev.de

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Thank you
for your attention!