



Precision in ball bearing slides  
and special profiles



# The Company

## History

### **1971**

Schock metalworking plant opens in Urbach, Germany. The company specializes in telescopic ball bearing slides, decorative strips and decorative metals.

### **1978**

Schock Metallwerk GmbH becomes a legally independent entity.

### **2002**

The company expands its global market activity and establishes five business divisions, including industry, automotive, household appliances, furniture and office.

### **Today**

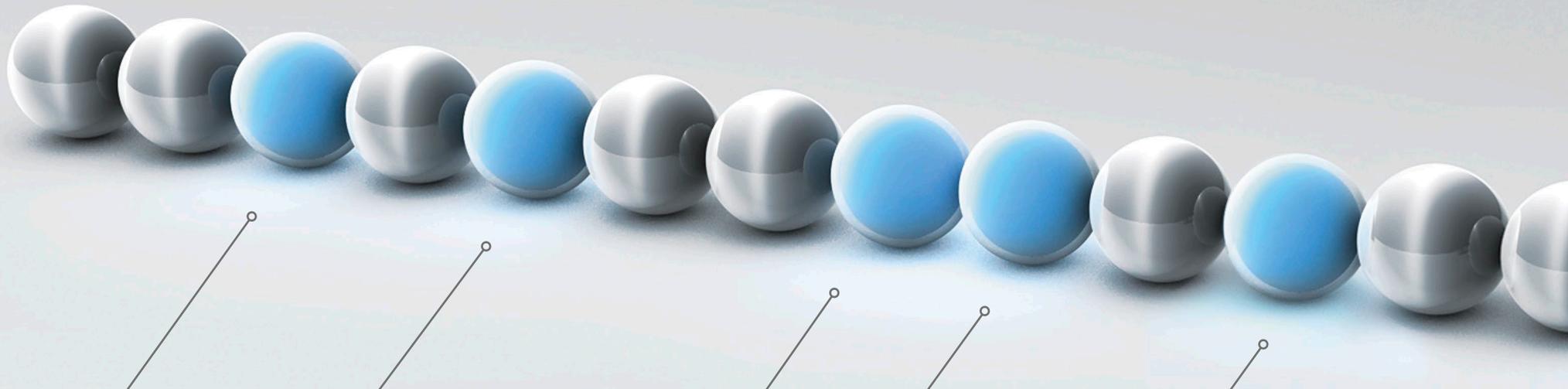
Schock Metall is an innovative and dynamic company with a presence on every continent.

## Quality

Schock Metall is certified according to ISO 9001 and implements Total Quality Management in all corporate divisions. All company processes are carefully managed and integrated control systems guarantee the highest quality possible. Regular customer audits and preventive quality assurance measures provide a solid foundation for high-quality products and zero-defect production methods.

## Environment

Schock Metall takes environmental accountability very seriously and is fully committed to consistently meeting its responsibilities. We have had a comprehensive environmental management system in place for many years and are certified according to ISO 14001. Our maintenance-free, durable products are environmentally friendly by design.



## ENGINEERING

Schock custom solutions are both cost effective and reliable, guaranteed to satisfy all customer requirements.

## PROTOTYPING

Samples and prototypes can be manufactured to mass production quality within a short period of time.

## TOOLMAKING

Schock toolmaking optimizes production processes by using proprietary innovations in our manufacturing equipment.

## MANUFACTURING

Schock roll forming technology includes a wide range of technologies and integrated processes.

## SURFACES

Schock powder coating ensures a surface finish that is not only durable, but also features an aesthetically pleasing appearance.

# The Schock difference

Precise and durable: Our ball bearing slides and special profiles offer customers these important benefits and more. Schock's high-precision roll forming technology achieves extremely tight tolerances and guarantees perfect features in each and every product. Our ability to custom-engineer designs according to unique specifications is one of our specialties. Schock customers also benefit from certified "Made in Germany" quality designations.

- Ball bearing slides and special profiles
- Product development support
- Reliability from start to finish
- Innovative solutions
- "Made in Germany" quality

## SERVICE

Great business partnerships are very important to us. We guarantee our customers reliable order processing, a high degree of flexibility and on-time delivery.

## QUALITY ASSURANCE

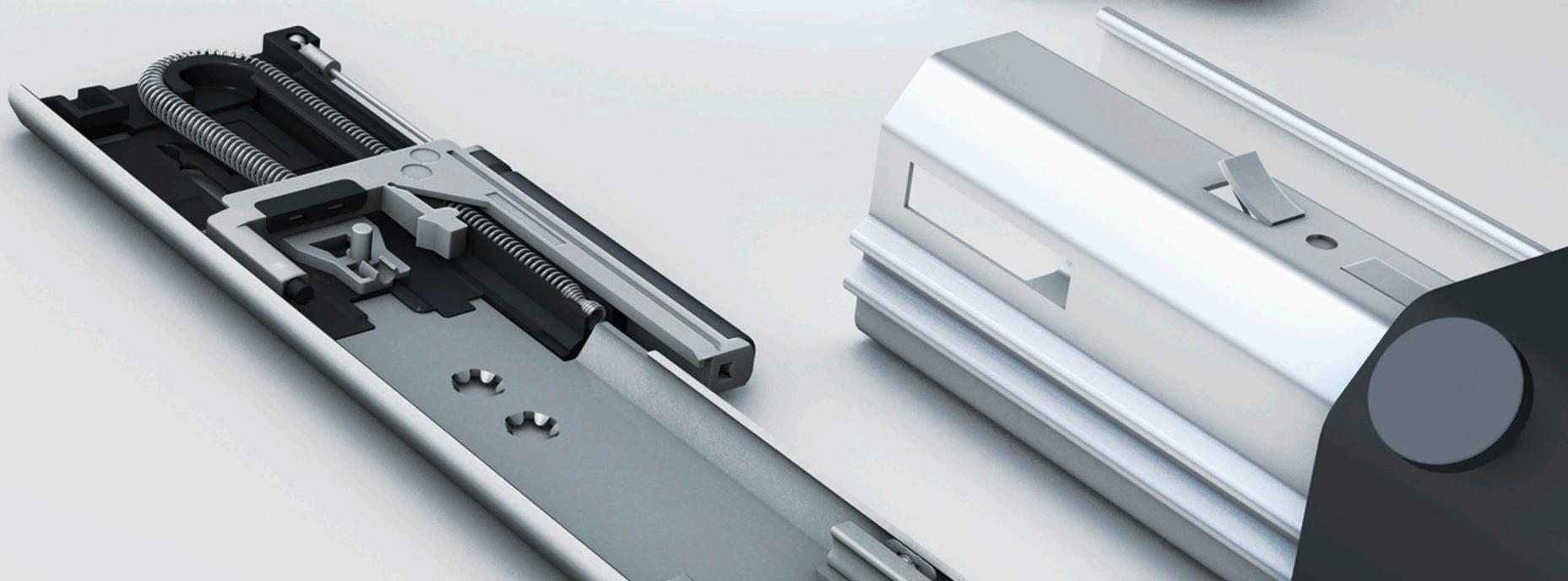
We consistently apply Total Quality Management principles. Regular customer audits and preventive quality assurance measures provide a solid foundation for our high-quality products.

## COST EFFECTIVENESS

State-of-the-art production and assembly facilities in Germany, Eastern Europe, USA and Asia ensure that Schock Metal is highly effective in the global marketplace.

## LOGISTICS

Our logistics services range from customized picking and packing to just-in-time and just-in-sequence production strategies.



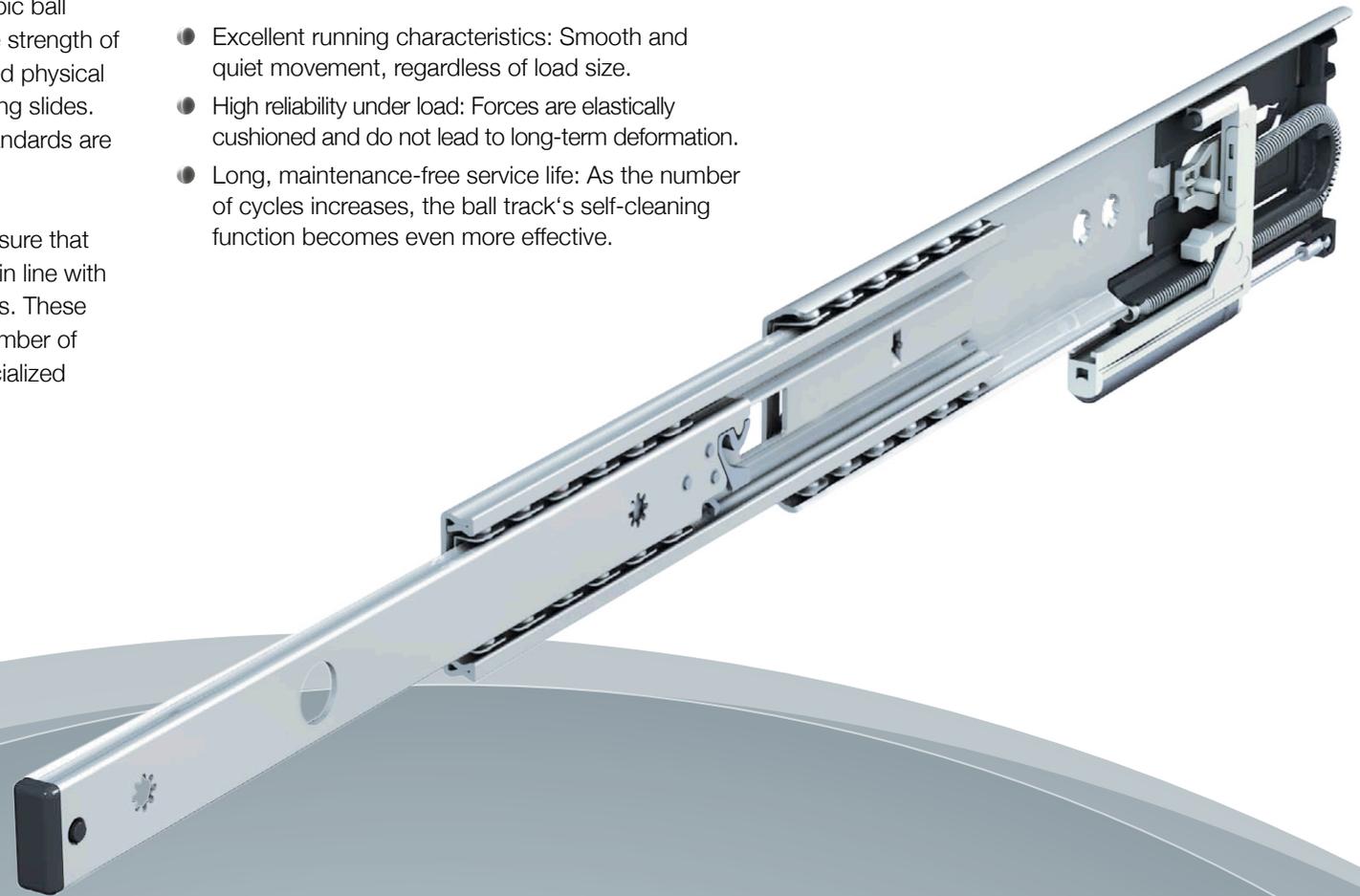
# Ball bearing slides

Schock Metall, a leader in linear motion technology, has developed and manufactured telescopic ball bearing slides for more than 40 years. The strength of Schock's system is based on the advanced physical features and specifications of its ball bearing slides. In fact, the company's stringent quality standards are considered benchmarks in the industry.

We work closely with our customers to ensure that Schock ball bearing slides are completely in line with both budgetary and technical requirements. These include features such as load capacity, number of cycles and mounting type, as well as specialized functions and conditions of use.

Benefits for our customers:

- Excellent running characteristics: Smooth and quiet movement, regardless of load size.
- High reliability under load: Forces are elastically cushioned and do not lead to long-term deformation.
- Long, maintenance-free service life: As the number of cycles increases, the ball track's self-cleaning function becomes even more effective.

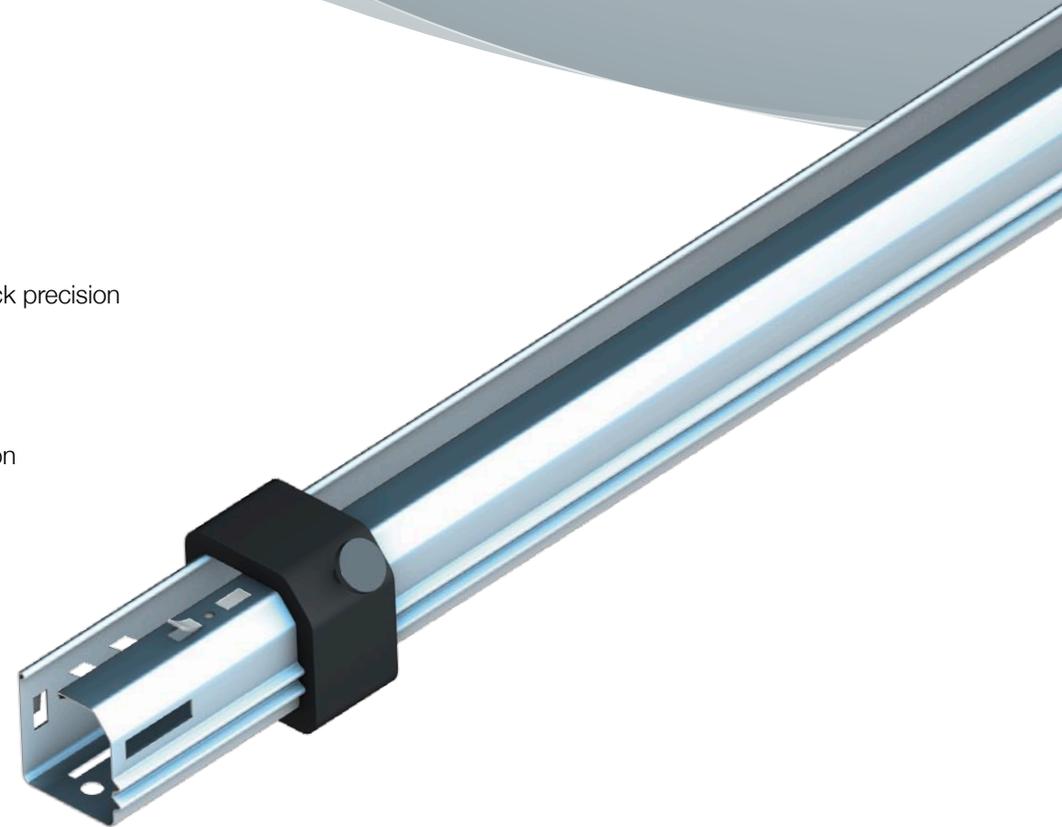


# Special profiles

Schock Metall specializes in cold-rolled profiles according to the customer's unique requirements. We manufacture these custom products using a broad range of technologies to provide special profiles and preassembled component groups to complete system solutions. A user-optimized solution is possible for each and every customer, as high-precision Schock roll forming technology works with extremely tight tolerances. Schock also ensures excellent material utilization and offers unlimited design possibilities.

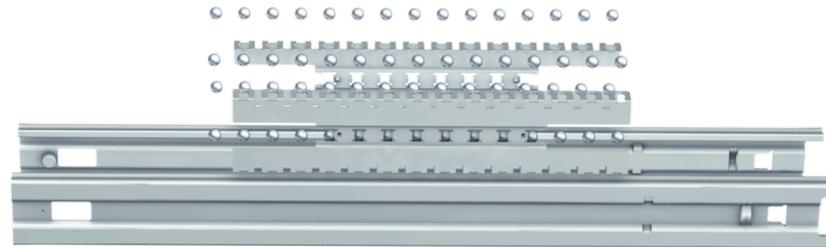
Benefits for our customers:

- Customized profiles in Schock precision
- Unlimited design possibilities
- High material utilization
- Engineering support
- Product design and simulation





*Engineering*



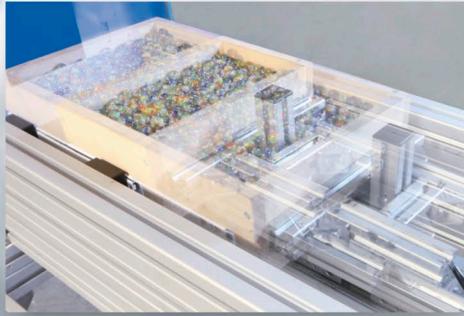
# Assemblies

Schock provides engineering expertise in developing both plastic and zinc die-casting parts. We also have extensive experience in stamping, bending and welding process technologies. Our experienced engineering team combines these individual processes as needed to create complete, ready-to-install assemblies for our customers.





*Prototype construction*



*Testing labs*



*Toolmaking*



*Schock roll forming technology*

# Core competencies - all from a single source



*Schock powder coating*



*Quality assurance*



*Logistics*



# OEM solutions

Each line of business places unique demands on the ball bearing slides and special profiles it uses.

We work hand-in-hand with our diverse customers to define specific product requirements, and then implement customized solutions for cost-effective serial production.

Schock profiles and sliding systems are an essential part of many applications. Although they are not visible to the observer they provide structure, stability and functionality to the design. In accordance to the customer specifications our products are engineered to become an integrated part of their application.

Schock Metall products are found here:

- Automotive industry
- Storage and workshop equipment
- Medical technology
- ATMs and vending machines
- Electronic equipment
- Solar technology
- Kitchen appliances and cabinets
- Shop fitting and retail displays
- Office furniture
- Household appliances



## References

**Audi**

 **Electrolux**

**LIEBHERR**

**RENAULT  
TRUCKS**

 **VAUTH-SAGEL**

**B/S/H/**

 **FRESENIUS  
MEDICAL CARE**

Mercedes-Benz

**SCANIA**

 **Whirlpool**

**bene**

**hülsta** 

**Miele**

**SIEMENS**

**WINCOR  
NIXDORF**

bulthaup

 **interlübke**

  
**RITTAL**

 **STANLEY**

 **WÜRTH**

**CITROËN**

 **KESSEBÖHMER**

**Steelcase**

**xerox** 



Mercedes-Benz

BURGER SCHLOZ  
AUTOMOBILE

ACTROS

ACTROS

# Automotive

In the automotive industry, Schock Metall specializes in roll formed components and sliding systems. These parts are used not only to provide smooth linear motion, but also as structural elements.

We work closely with our customers during the planning process to develop convenient and functional solutions for car and truck interiors. Schock sliding

systems provide long-lasting quiet action and excellent resistance to vibration and corrosion. Schock special profiles are also well suited to individual component designs for auto bodies and bumpers, as well as window, door and roof systems.

Schock supplies components for:

- Dashboards
- Center consoles
- Seating systems
- Trunk interiors



# Living

Schock Metall has a long and successful history of manufacturing slide systems for the furnishings industry and is a trendsetter in household appliances. Our custom solutions for furniture, tall cabinets, wire baskets and waste separation systems in the kitchen are particular areas of expertise. Our telescopic slides

and special profiles for modern household appliances and furnishings provide many special features:

- Smooth action, quiet motion technology
- Advanced profile geometry design
- Comfortable feel and modern design details

Schock Metall continues its extensive tradition as a creative and reliable development partner serving furniture and appliance manufacturers.







# Industry

Modern enclosure cabinets and 19" racks rely on Schock products: Our ball bearing slides and special profiles make all the difference. We guarantee both quality and cost effectiveness through engineering competency, expertise, reliability and flexibility. Our logistics services range from customized picking

and packing to just-in-time and just-in-sequence production strategies. Schock telescopic slides and special profiles are often invisible as they work behind the scenes in industrial applications and devices. Sight unseen, they provide safe, reliable and maintenance-free operation even under extreme conditions:

- Variable operating temperatures and climate conditions
- Corrosion and vibration
- Demanding static and dynamic loads
- Maintenance free





# SCHOCK – a young company with tradition

As a medium-sized business, we know where we come from and what sets us apart: We concentrate on quality, perfection, flexibility and individuality. In doing so, we consider ourselves to be a development partner for our customers. Our collaborative approach to producing new solutions is innovative and flexible. We are creative in our core competency areas. Continuous product improvement is the focus of our work.

As a family-owned company, we keep the lines of communication open with our customers, employees and business partners on a daily basis. This is a commitment, obligation and welcome challenge for us, all at the same time.

Martin Schock · Helmut Fuchs



*Helmut Fuchs, Martin Schock*

## Superior quality worldwide

Modern production and assembly facilities in Germany, Europe, USA and Asia, as well as strategic alliances and global sourcing, ensure that our company is highly effective and competitive in an international market.

*Schock Headquarters, Urbach, Germany*



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