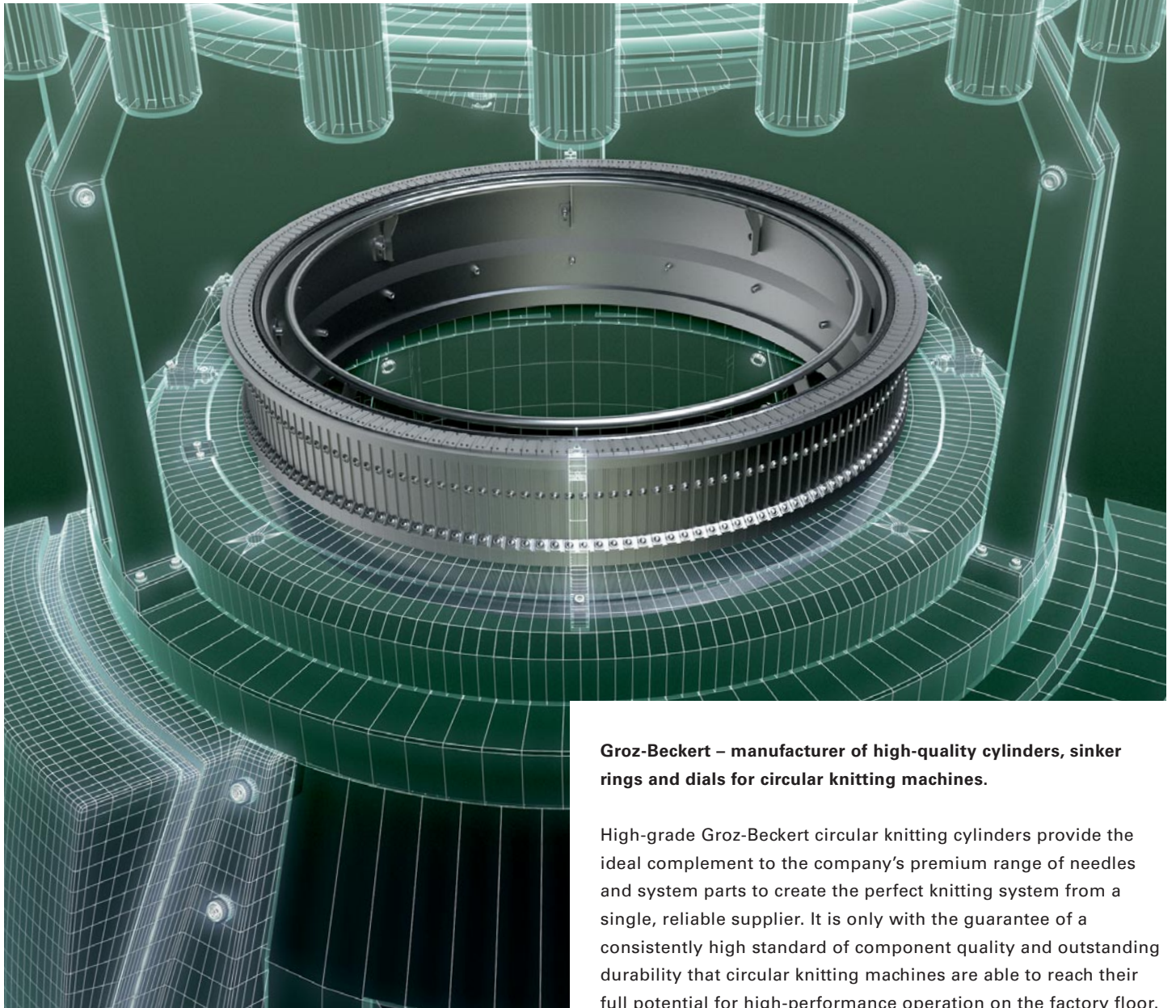


## GROZ-BECKERT CYLINDERS IN INTERACTION WITH NEEDLES AND SYSTEM PARTS

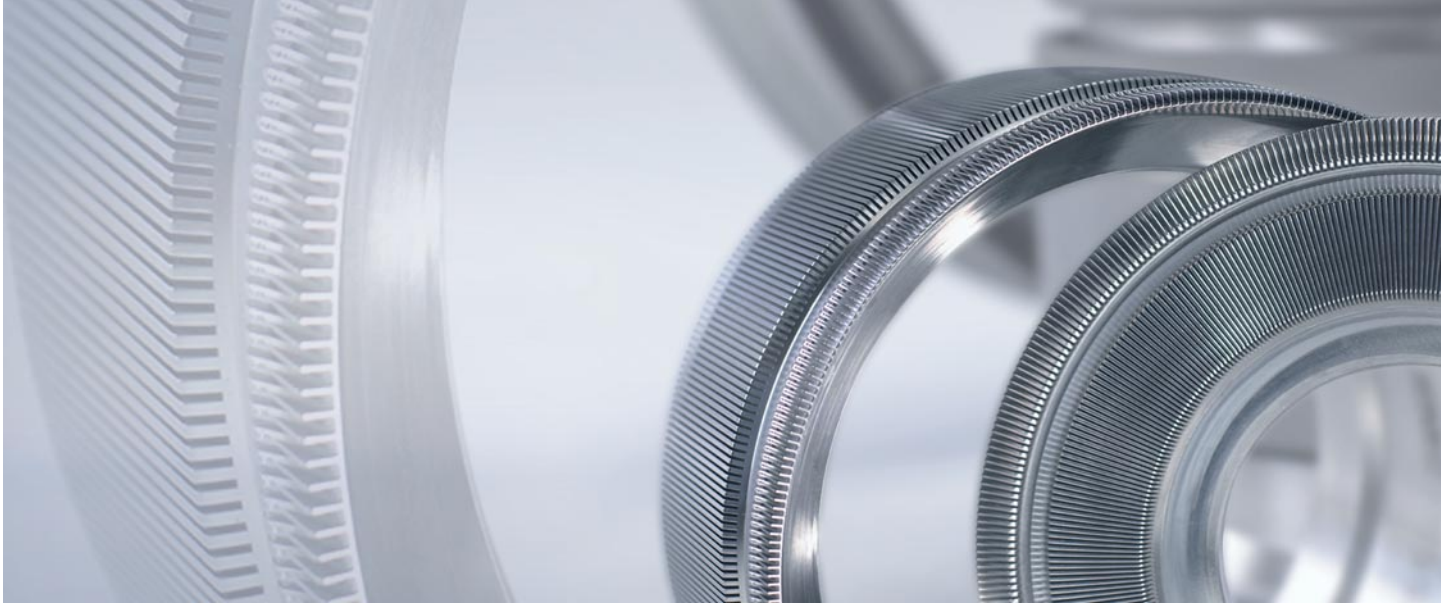


**Groz-Beckert – manufacturer of high-quality cylinders, sinker rings and dials for circular knitting machines.**

High-grade Groz-Beckert circular knitting cylinders provide the ideal complement to the company's premium range of needles and system parts to create the perfect knitting system from a single, reliable supplier. It is only with the guarantee of a consistently high standard of component quality and outstanding durability that circular knitting machines are able to reach their full potential for high-performance operation on the factory floor.

Ensuring the pin-point precision of individual elements for existing machines not only simplifies the workflow but also improves capacity utilization in production. The unique portfolio offered by Groz-Beckert is rounded off by bespoke production services and the construction of prototypes – all designed to guarantee maximum benefits in the production of circular knit goods.

## HIGH-PRECISION ENGINEERING – PERFECTION UNDER A SINGLE ROOF



### **Unmatched diversity**

Customers are offered a selection of 60,000 knitting cylinders and around 50,000 different needles and system parts for the manufacture of textile surfaces. Standard cylinder diameters today range from 7 to 60 inches. With needles currently already available in thicknesses from 0.21 mm in gauge E68 knitting cylinders, Groz-Beckert offers machine constructors and users the widest product spectrum of any supplier in the world today.

### **Practically-oriented precision**

Groz-Beckert products are the very best available in today's marketplace. Its innovative components are optimized in themselves and also perfectly coordinated to work together. It is only with the use of precise components that ultra-fine, flawless fabrics can be produced. In practice, knitting cylinders with extreme rotational accuracy result in reduced time needed for machine conversion and so help prevent unnecessary costs.

### **Total flexibility**

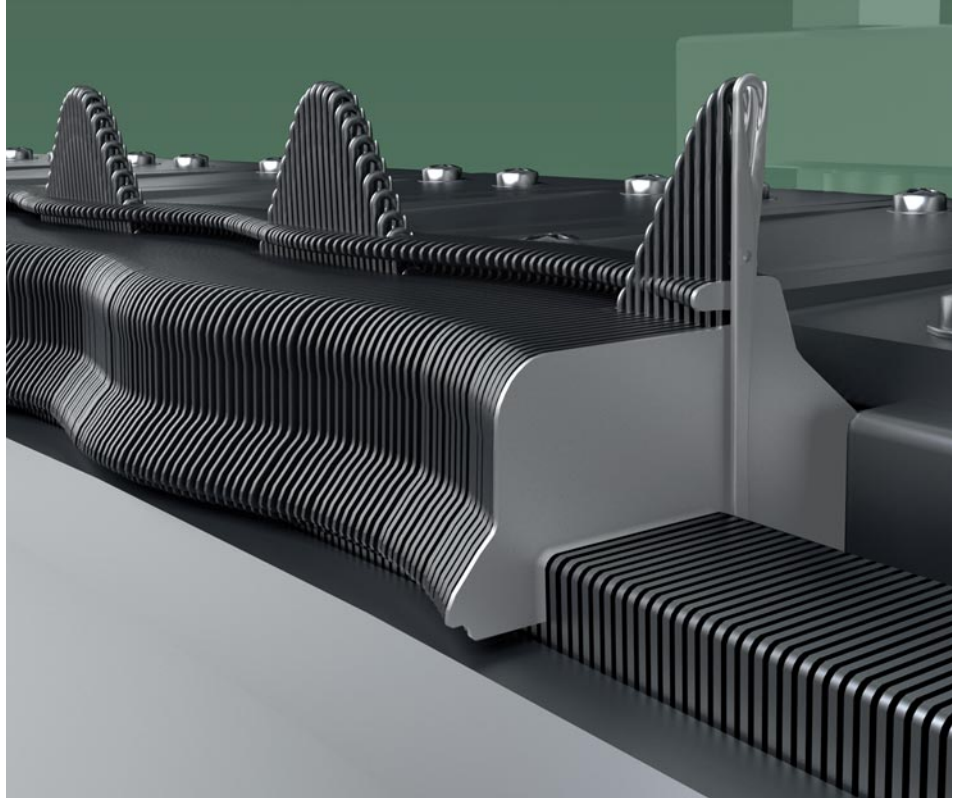
Individual adjustment of all components permits the manufacture of customised products. Reproduction accuracy coupled with a consistently high standard of quality creates the basis for the simple exchange of cylinders, dials and sinker rings. Groz-Beckert offers its customers several alternative needle and system equipment variants per gauge for most machine models, opening up outstanding flexibility.



## PROFESSIONAL QUALITY

### Fully integrated premium quality

Like its needles and system parts, Groz-Beckert cylinders are manufactured in-house. This ensures a long service life for all used components to the very highest standard of quality, and also guarantees precise gauge accuracy every time – all of which creates optimum conditions for flawless knitting results and a consistent fabric appearance. Or put another way, for fabrics capable of being directly and successfully marketed.



## WORLDWIDE SERVICE YOU CAN RELY ON

### Service and qualified advice

The Groz-Beckert technical service offers customers comprehensive and competent advice, from the design drawing through to prototype construction and individual adjustment. A closely meshed network of service partners ensures optimum accessibility to Groz-Beckert for customers worldwide, and a highly qualified team of employees is on hand to provide assistance in the relevant local language.

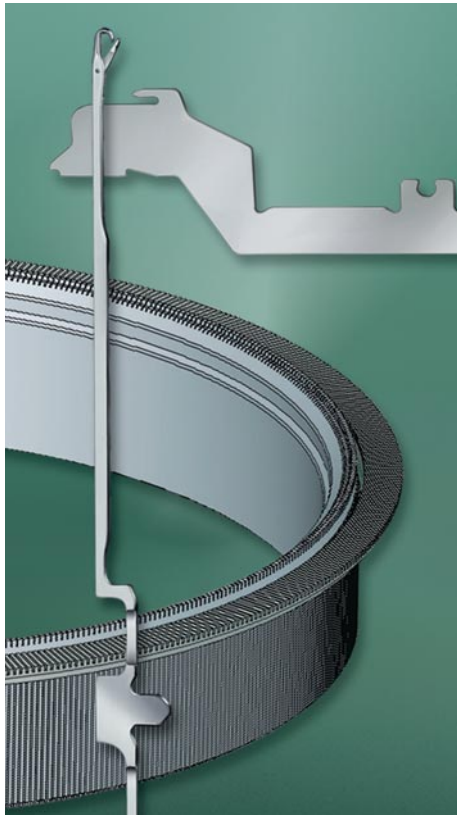
### One-stop availability

Qualified employees are there to ensure the timely availability of required cylinders, needles and system parts, ensuring that all these vital parts reach customers from a single point of contact as and when they are needed.

### Optimum solutions

Whether standard or individual solutions are required, Groz-Beckert provides advice to customers with a team of experienced and qualified employees and supplies ultra-modern, carefully coordinated components at short notice – guaranteeing optimized, practically oriented and customised solutions to address the wide-ranging challenges faced by its customers worldwide.

## EVERY COMPONENT FROM A SINGLE RELIABLE SOURCE – THE BENEFITS AT A GLANCE



THE UNIQUE GROZ-BECKERT PRODUCT RANGE.

### **Groz-Beckert – Engineering**

- A broad-based product spectrum of products for all diameters and gauges
- Fast, cost-optimized gauge changes
- Optimum interaction between cylinders, needles and system parts
- Construction of prototypes possible for individual problem solutions

### **Groz-Beckert – Quality**

- Precise gauge accuracy
- Long service life of all used components
- Flawless knitting results
- Even fabric appearance and high-grade knit goods

### **Groz-Beckert – Service**

- Coordinated availability of all components
- Cylinders, needles and system parts – comprehensive service from a strong supplier
- Advice and support from a highly qualified team
- Uncomplicated purchase order and delivery processes – around the world
- A flexible and professional approach to both standard and individual requirements