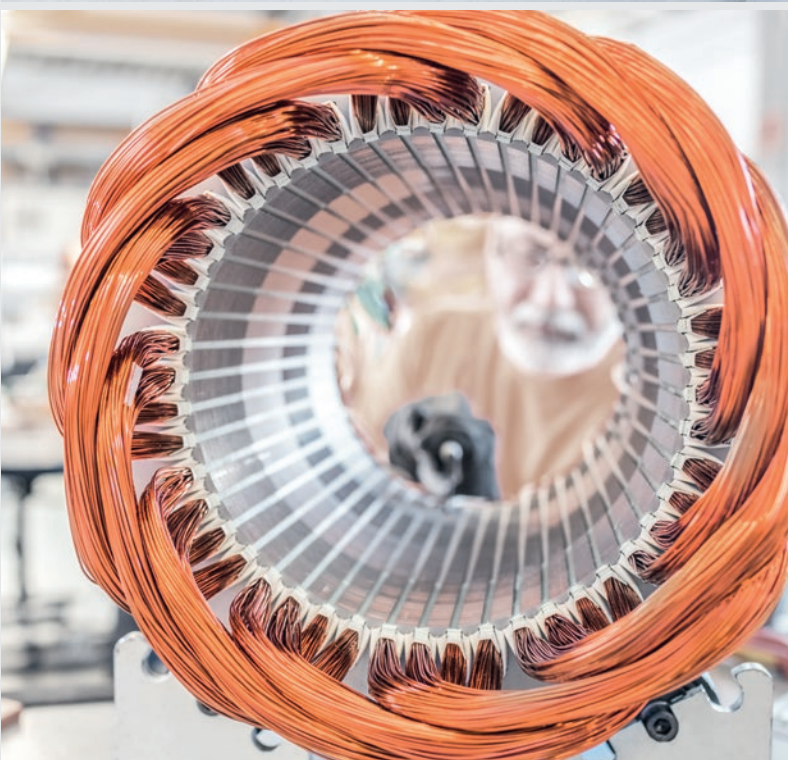
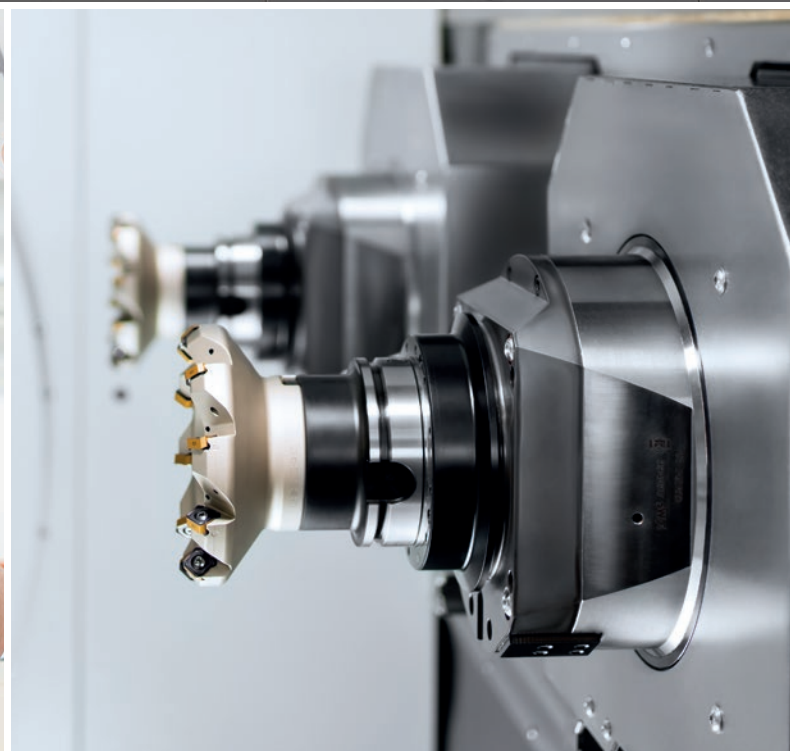


Portfolio

High-tech components for machine tool manufacturing



SPINDLE TECHNOLOGY | SYSTEM TECHNOLOGY | DRIVE TECHNOLOGY | SERVICE SOLUTIONS



End-to-end precision from the components to the on-site service

Founded in 1923 by Franz Kessler, the company has developed to become the leading supplier of motor spindles as well as directly driven 2-axis heads and rotary tilt tables for the machine tool industry. KESSLER is proud to list many major companies from the mechanical engineering sector amongst its long-standing customers.

With the expertise of almost 100 years, KESSLER is continuously developing and optimising its products. The KESSLER product range serves a wide range of sectors, processes and applications. Close cooperation with our customers remains our key focus. The extensive product range, from hightech spindles, 2-axis heads, rotary and rotary tilt tables to motors and direct drive systems, enables KESSLER to implement customised solutions with speed and flexibility.

Service is a matter of trust. Rely on us as your trusted service partner: KESSLER has an established global network of technology and service centres.

The company

Customer-oriented. We are an internationally successful company with specialist expertise that enables us to provide comprehensive consultation in the design and manufacture of individual components, and project planning of complex systems.

Measurable. We use the very latest technology and analytical processes to test our components under realistic conditions, so that our products help your business to stay flexible and maintain its competitive edge.

Sustainable. With approximately 600 employees, KESSLER is currently Europe's biggest spindle manufacturer. We are passing our knowledge on to the next generation of experts and support this with advanced training programmes in our state of the art learning academy, with 10 % of the total workforce currently in training.

Holistic. Our in-house development division is supported by extensive calculation and analysis expertise and covers all aspects from drive technology to the construction of all-in-one systems. Furthermore, optimized production and assembly lines provide the framework for stable processes and the superior quality of our products.



Modular solutions for individual requirements

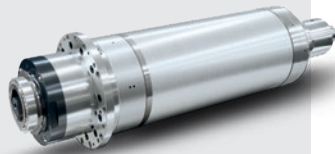
Spindle technology: For all areas of application

HC LINE

- Heavy cutting
- Aerospace titanium machining
- Processing of large-scale parts

PC LINE

- high speed
- high power
- high accuracy



H LINE

- horizontal installation
- very short acceleration and braking times

MT LINE

- very short construction
- used in 2-axis heads for turning and milling operations

V LINE

- Vertical installation
- Tilting
- Allrounder

+ Special-purpose solutions

System technology: One-stop system solutions

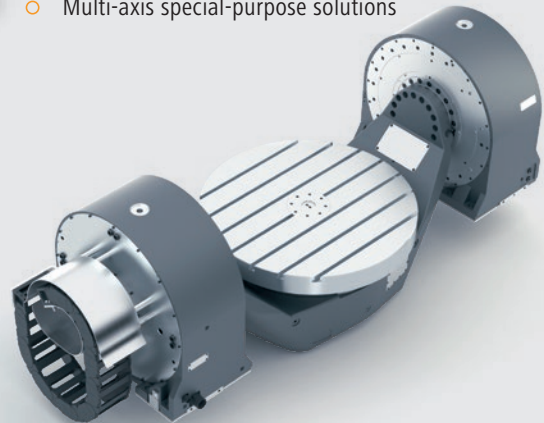
KESSLER HEAD LINE

- 1-axis heads
- 2-axis heads
- Special-purpose solutions



KESSLER TABLE LINE

- 1-axis rotary tables
- 2-axis rotary tilt tables
- Multi-axis special-purpose solutions



Drive technology

Standard motors

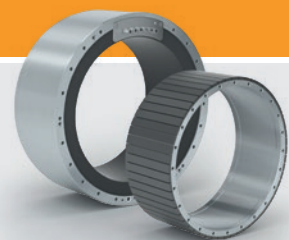
- Asynchronous motors
- Synchronous motors
- Torque motors
- Linear motors

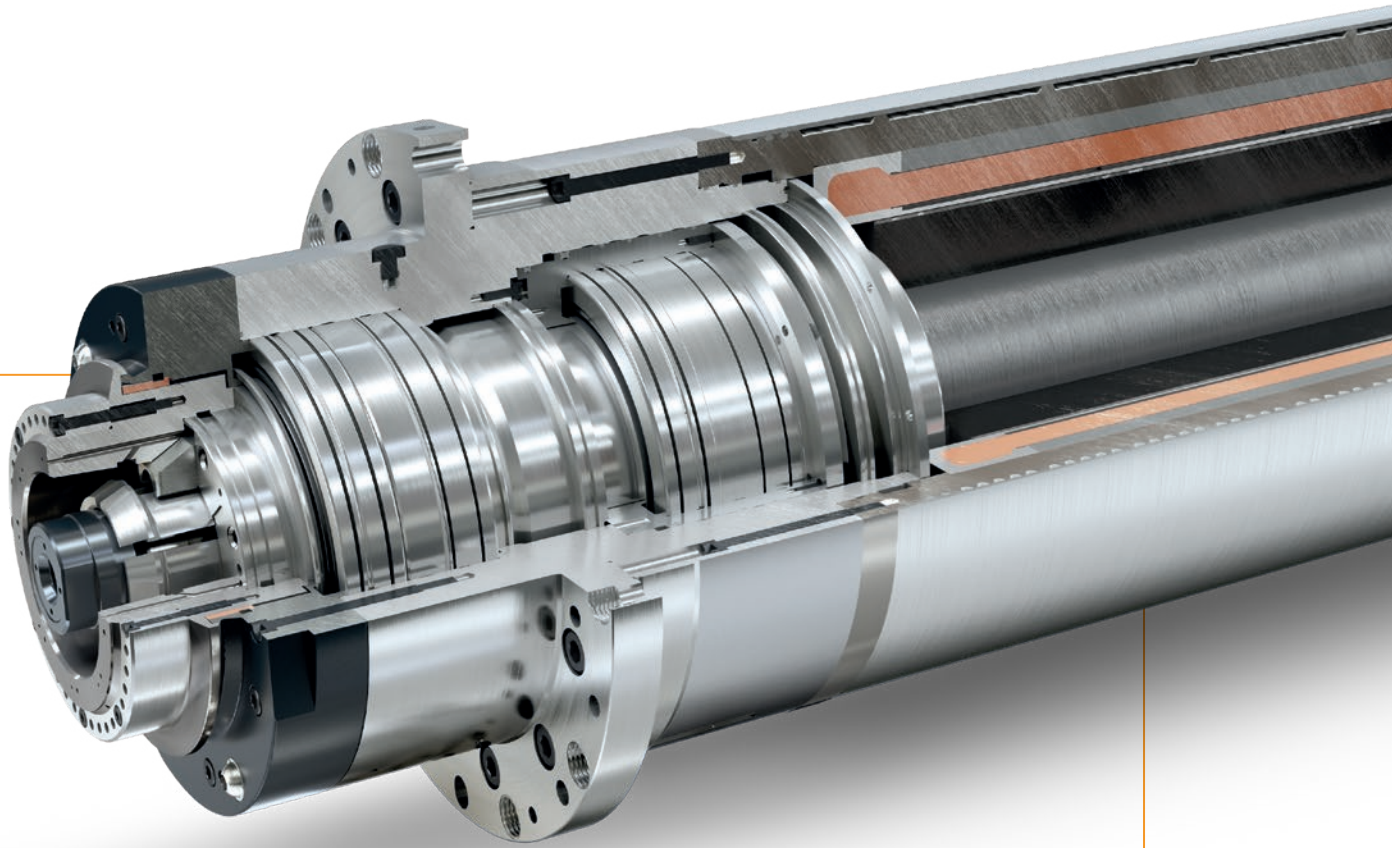
Special motors

- Asynchronous motors
- Synchronous motors
- Torque motors
- Linear motors

Direct drive systems

- Integrated motor systems with bearings and measurement system according to customer requirements





Worldwide service

Repair

- Expertise directly from the manufacturer

Express repairs*

- in 5–10 days

Field service

- Capable on-site support

Spare parts management

- Worldwide access to original spare parts

Technology Center/Analyses

- under operational conditions

Commissioning

- For maximum precision and performance

Academy

- Perfect maintenance for optimum performance

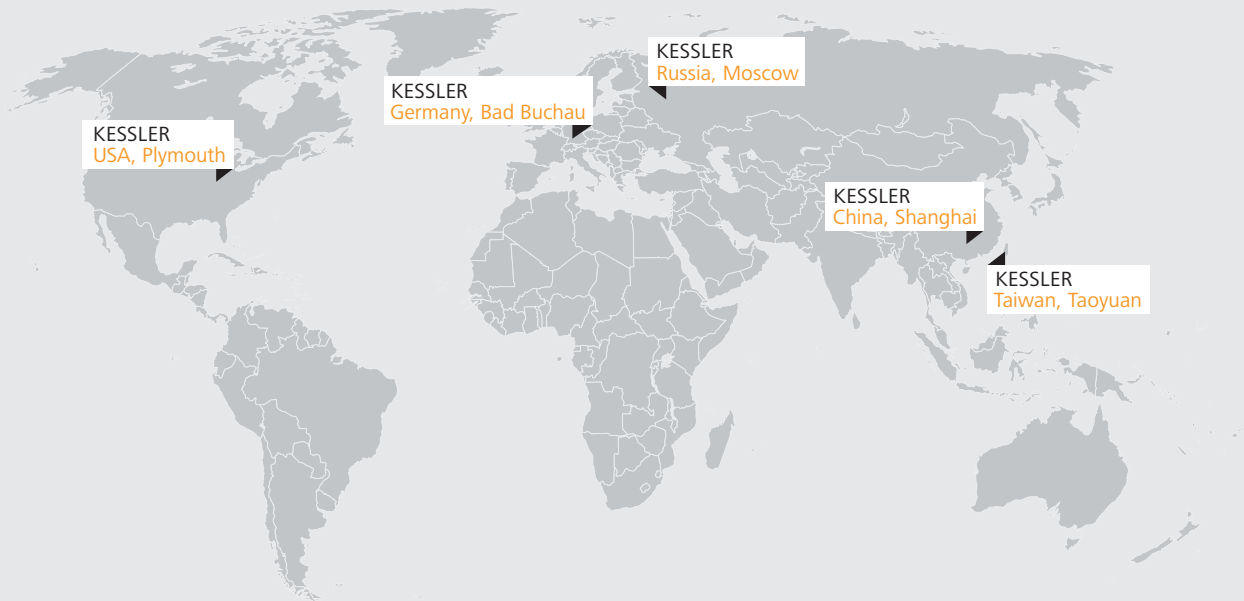
Spindle maintenance case

- Everything you need for testing and maintaining your spindles



*All information according to variation and availability

Operating Worldwide for our Customers



Germany

Franz Kessler GmbH
 Franz-Kessler-Straße 2
 88422 Bad Buchau, Germany
 Tel.: +49 7582 809 - 0
 Fax: +49 7582 809 - 170
info@kessler-group.biz

USA

KESSLER USA Inc.
 44099 Plymouth Oaks Blvd.
 Plymouth, MI 48170, USA
 Tel.: +1 734 404 0152
 Fax: +1 734 404 0153
info.usa@kessler-group.biz

Russia

KESSLER East Ltd.
 Dorogobuzhskaja str., 14, bld. 6
 121354, Moscow, Russia
 Tel.: +7 495 204 2450
info.ru@kessler-group.biz

Taiwan

KESSLER Taiwan Ltd.
 No.347, Sec. 1
 Nanshan Rd
 Luzhu District
 Taoyuan City 33861
 Taiwan (R.O.C.)
 Tel.: +886 3 326 2256
 Fax: +886 3 355 5014
info.tw@kessler-group.biz

China

**KESSLER (Shanghai)
 Spindle Service Co., Ltd.**
 Building #12
 No.318 Yuanshan Rd
 Minhang District
 201108 Shanghai, China
 Tel.: +86 21 6489 7034
 Fax: +86 21 6489 7134
info.cn@kessler-group.biz