

Perfection

from BRUCKNER



Standard programme – A diversity for all applications



High-performance live centres Proven designs for specific applications.

Concentricity guarantee with test report

◀ **Range S** – All-round-centre with head bearing system for turning and cylindrical grinding

Range NC – with TOP-SEAL-SYSTEM for CNC turning

▶ **Line LR** – spring-loaded, pressure indication by coloured rings, perfect for turning with face drivers.

Line LK – optimised against vibrations – for high-performance turning, hard turning, and cylindrical grinding.



◀ High-performance bullnose live centres for turning and cylindrical grinding.

High performance, precise applications with long life.

Concentricity guarantee with test report.

Tool steel dead centres

A wide range of forms, sizes and lengths for changing workpiece profiles and turning requirements.

Runout max. 0,003 mm.

Taper deviation to gauge accuracy. ▼



◀ HS face drivers

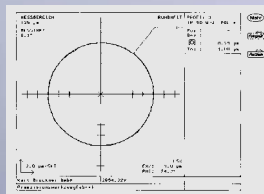
hydraulic compensation, precision face driving, high load transmissions, large driving range with interchangeable face driving knives.

◀ SM Face drivers

mechanical compensation with vibration damping system, safe transmission of cutting forces with long driving pin life.

Euro pat.

VDS



◀ Carbide dead centres

an exceptionally wide range for multitudinous grinding applications.

The guarantee for optimum grinding results:

Runout tolerance $\text{⊖} \leq 0,8 \mu$

Special versions $\text{⊖} \leq 0,2 \mu$

Taper deviation to gauge accuracy.

Roundness achieves roundness!

Innovation – one of our strengths



Special versions with spring loading and pressure indication by coloured rings

alternatively, without springs.
Concentricity guarantee with test report.

◀ Revolving tailstock sleeves

Live sleeves with inner taper for interchangeable centre inserts.
Application: CNC large series production.

▶ Range T ▶

Live high-performance centres for CNC lathe toolholder systems.
With shanks: VDI, Capto, HSK, ABS, KM and special designs.



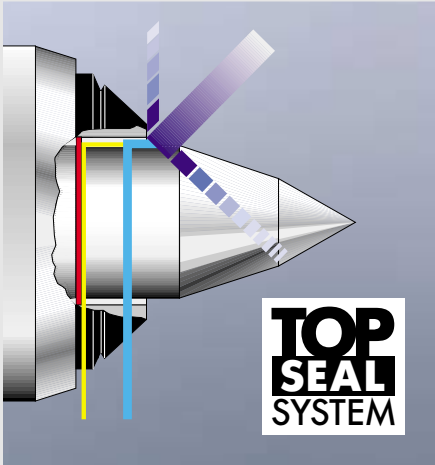
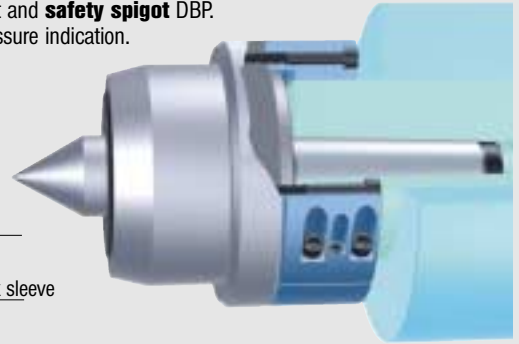
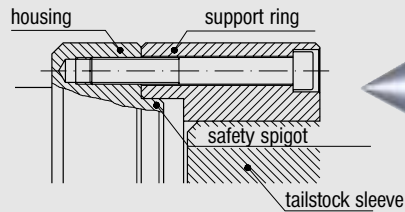
High-performance centres for heavy work

For work weights up to 25 000 daN.

Type M with taper mounting.

Type MR with tailstock sleeve support and **safety spigot** DBP.

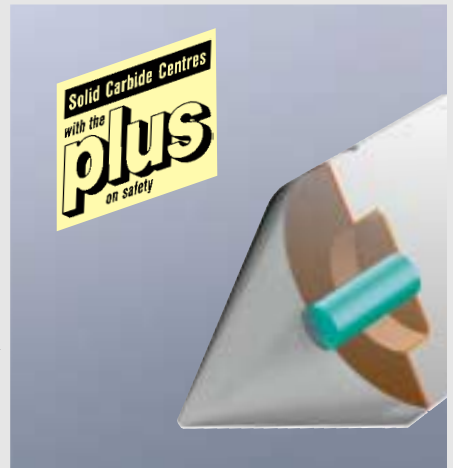
Type MZ with spring loading and pressure indication.



◀ TOP SEAL SYSTEM

For high-performance type NC centres.
Triple stage coolant protection for bearings.

**High operational safety ▶
with patented safety core**
For solid carbide dead centres with carbide 20 mm \varnothing (dia) and upwards.



◀ BRUCKNER – your partner for problem solving

Technical advice, development and construction of special solutions.
Special designs on customer request.

▶ Driver coatings ▶

for work driving by the centre, diamond, carbide, Carbidor coatings.



Quality and progress



Karl Bruckner founded BRUCKNER in 1918, since then it has been family-owned. Today as a medium-sized company, BRUCKNER is acknowledged world wide as a partner for the manufacture and supply of centres and face drivers. The quest for perfection remains the absolute priority. This is why BRUCKNER products lead in quality and technology. The path to this highest of demands is continuously realised by innovation and performance.

ni-design 0415



That BRUCKNER is always striving for perfection is illustrated by the qualifications of BRUCKNER staff, the plant and the equipment. High-precision machine tools and the highest standards of measurement have a decisive influence on manufacturing – so tools from BRUCKNER through their accuracy and long life contribute directly to the raising of quality and productivity.



Further information
and catalogue request:

www.karlbruckner.de



The guarantees for original BRUCKNER quality:
The BRUCKNER test mark and the BRUCKNER logo.



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