



Perfection from Bruckner



High performance live centres

Proven designs for specific applications, concentricity guarantee with test report

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

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

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

LK Series – 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



Carbide dead centres

An exceptionally wide range for multitudinous grinding applications

The guarantee for optimum grinding results:

Runout tolerance $\varnothing \leq 0.8 \mu\text{m}$

Special versions $\varnothing \leq 0.2 \mu\text{m}$

Taper deviation to gauge accuracy

Roundness achieves roundness!



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

T Line ▶

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

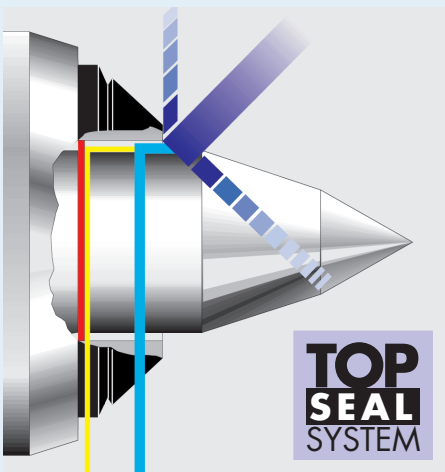
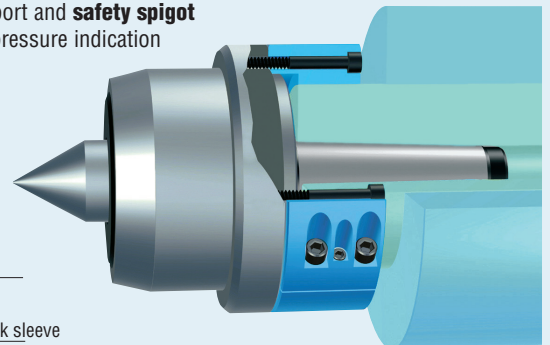
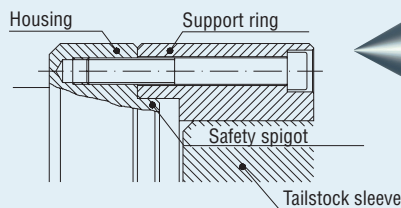


◀ **High performance centres for heavy work**
for workpiece weights up to 25 000 daN

Type M with taper mounting

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

Type MZ with spring loading and pressure indication

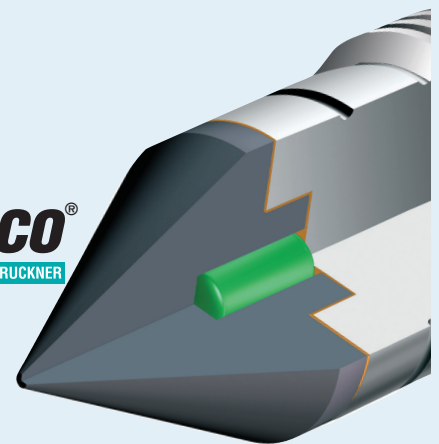


◀ **TOP-SEAL-SYSTEM**

for high performance centres types NC,
triple stage coolant protection for bearings

sa • co®
safety core from BRUCKNER

High operational safety ▶
with safety core
for solid carbide dead centres with
carbide 20 mm Ø (dia) and upwards



◀ **BRUCKNER –**

your partner for problem solving
technical advice, development and
design of special solutions,
special designs on customer request

Driving coatings ▶

for work driving by the centre,
diamond, carbide, CARBIDOR coatings



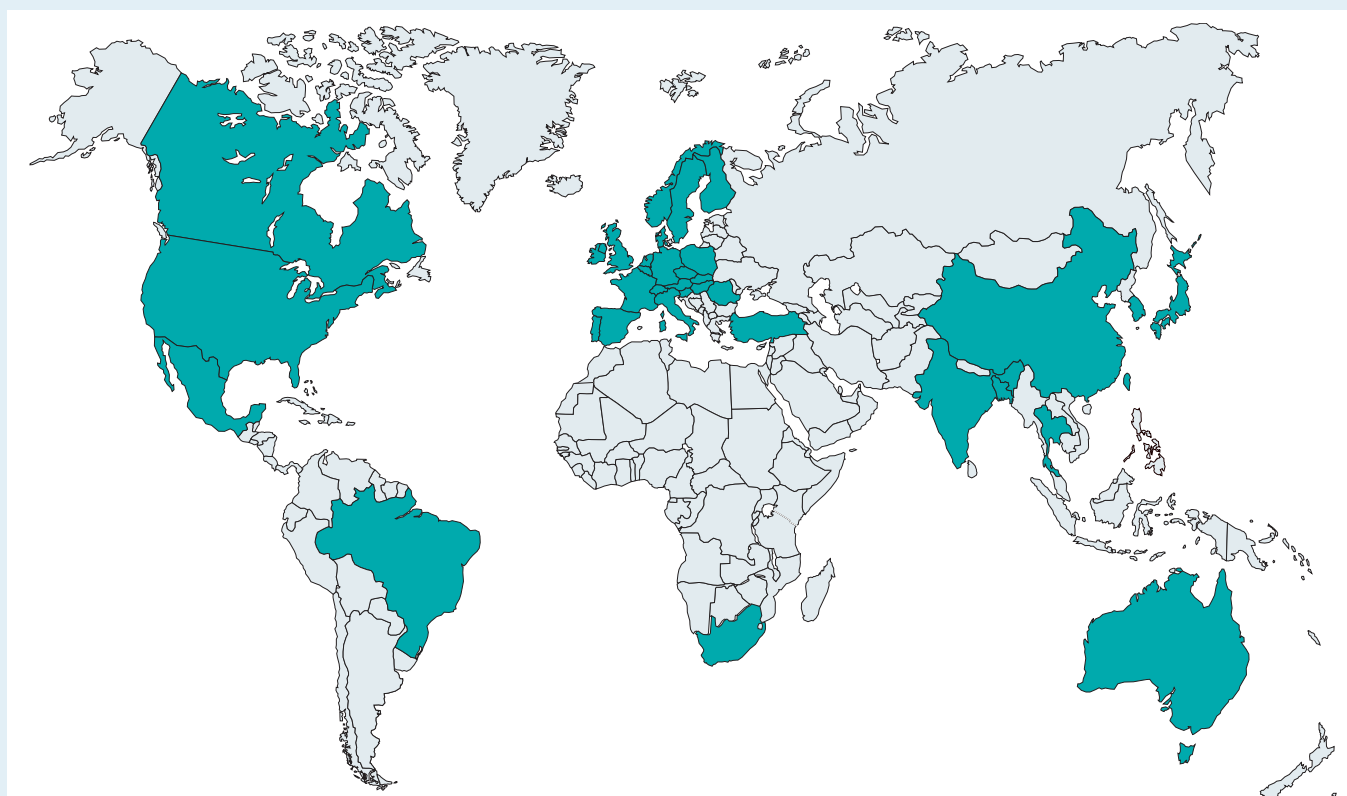


Karl Bruckner GmbH
Präzisionswerkzeugfabrik

P.O. Box 3146
71373 WEINSTADT
GERMANY
Bruckwiesenstrasse 11-13
71384 WEINSTADT
GERMANY

Phone +49 (0) 7151 9671-0
Fax +49 (0) 7151 9671-23
info@karlbruckner.de
www.karlbruckner.de

> Customer service



Europe

Belgium
Denmark
Germany
Finland
France
Great Britain
Ireland
Italy

Liechtenstein
Luxembourg
Netherlands
Norway
Austria
Poland
Portugal
Romania

Sweden
Switzerland
Slovakia
Slovenia
Spain
Czech Republic
Turkey
Hungary

Worldwide

Australia
Brazil
China
India
Japan
Canada

Korea
Mexico
South Africa
Taiwan
Thailand
USA



**Further information
and catalogue request:**

www.karlbruckner.de