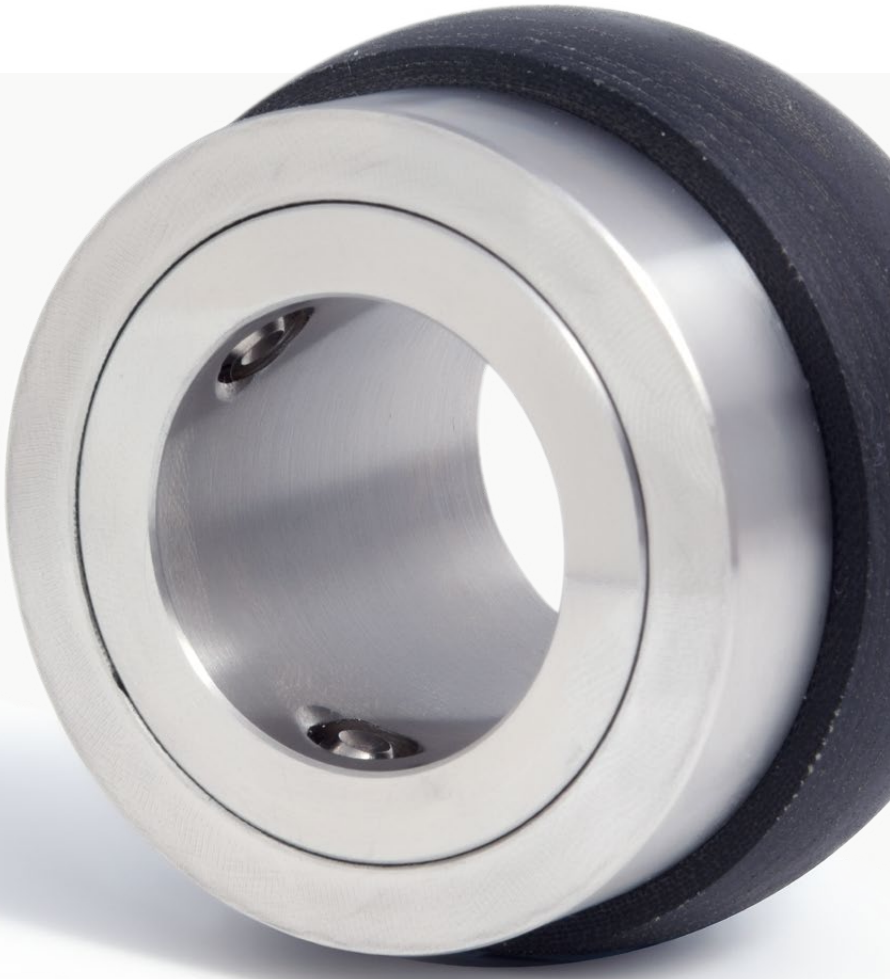
MOVET®
KOMPONENTEN

CUSTOM BEARINGS

FOR EXTREME APPLICATIONS

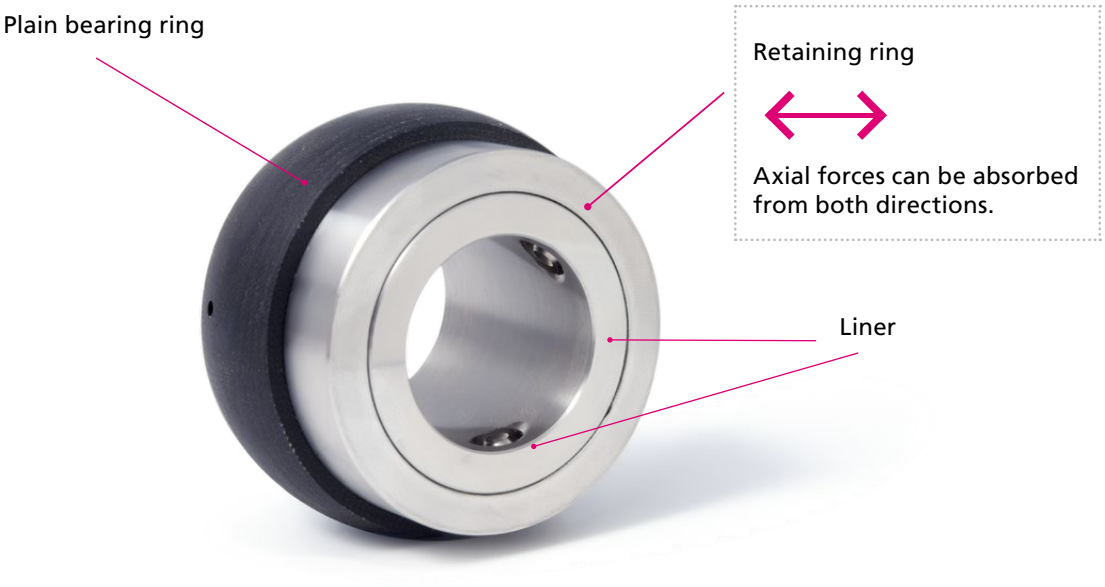




Install it - forget about it.

The axially secured slide bushing for your machine.



THE BENEFITS AT A GLANCE:

- Ideal for hard-to-reach places
- Suitable for very high temperatures
- No slipping on the shaft
- Very high load absorption at low speeds
- Angle levelling
- Quiet running characteristics
- Can be combined with any bearing housing
- Simple assembly
- Cleaning: aggressive cleaning agents can be used

AREAS OF APPLICATION:

- Galvanisation
- Acids
- Lyes
- Seawater
- Sewage treatment plant
- Adjustable drives
- Drying system for car paintwork
- etc.

Sicher, wartungsfrei und für hohe Temperaturen geeignet.

No slipping on the shaft

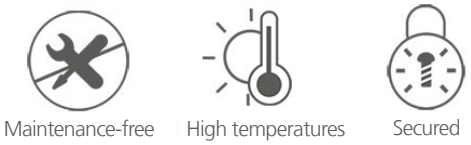
High axial forces can be absorbed from both directions. The plain bearing is secured axially by the retaining ring. The plain bearing does not need to be additionally secured.

Suitable for very high temperatures

You determine the temperature resistance by selecting the material for the plain bearing ring. The temperature ranges can be found in the temperature table. Carbon, for example, has a maximum temperature resistance of 350 degrees.

Ideal for hard-to-reach places

The axially secured plain bearing can be fitted in places on your machine that you can no longer reach later. The service life is long: you do not need to relubricate and the material does not roll off.

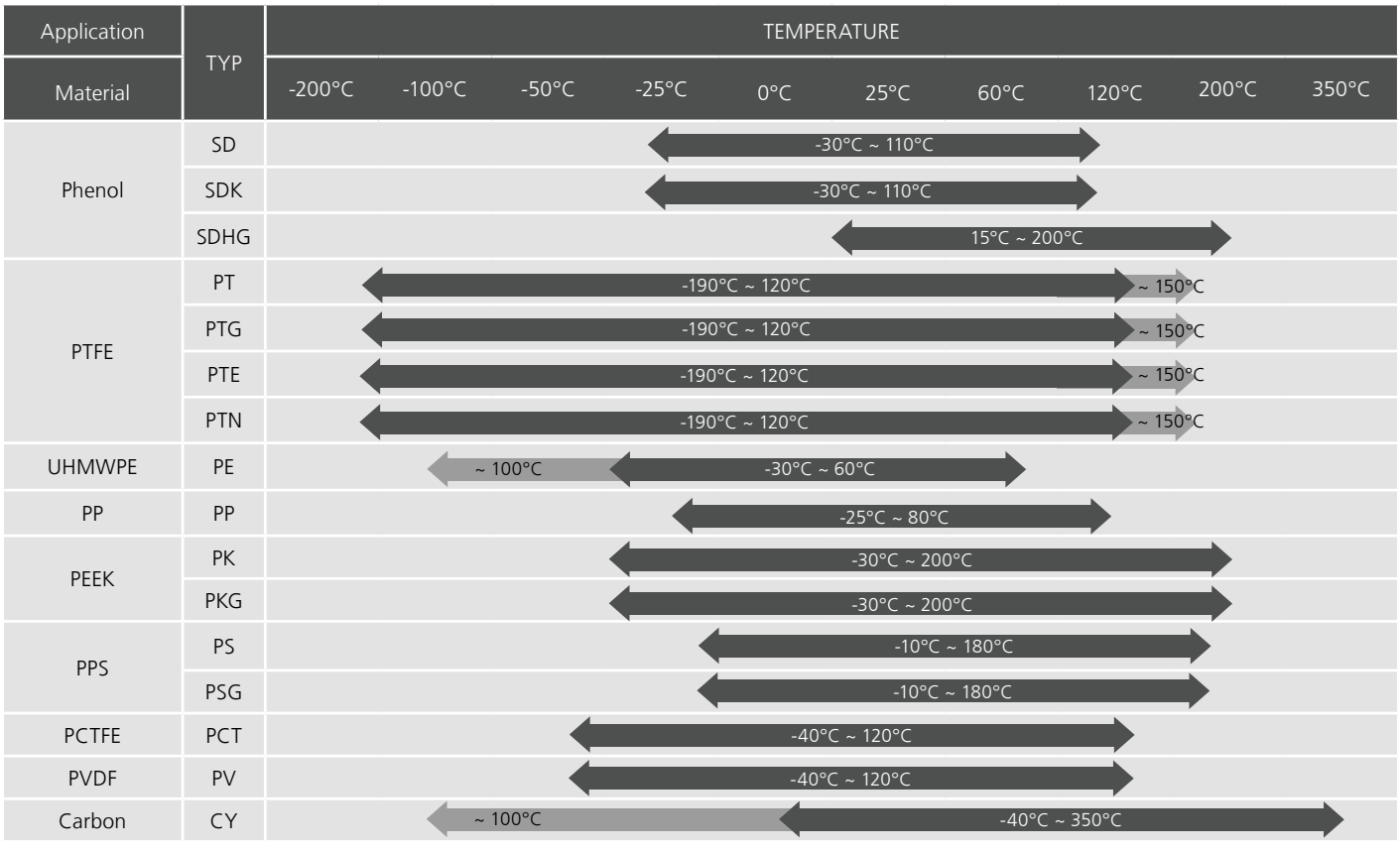


Depending on the material of the plain bearing ring, a temperature tolerance of over 200 degrees is possible.

Figure: Slide ring made of phenol

Application / Material	TYPE	Dry environment	Water environment (continuous operation)	Water or salt water environment	Steam environment	Chemical environment				Magnetic environment	As insulation
						Acids	Lyes	Organic liquids	Oils		
Phenol	SD	◎	◎	◎	◎	○	-	◎	◎	◎	◎
	SDK	◎	◎	◎	◎	○	-	◎	◎	-	-
	SDHG	◎	△	△	-	○	-	○	◎	-	-
PTFE	PT	◎	◎	◎	◎	◎	◎	◎	◎	◎	-
	PTG	◎	◎	◎	◎	◎	-	◎	◎	◎	◎
	PTE	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
	PTN	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
UHMWPE	PE	○	○	◎	-	◎	◎	◎	◎	◎	◎
PP	PP	△	○	○	△	○	○	○	○	◎	◎
PEEK	PK	○	○	○	○	◎	◎	◎	◎	◎	◎
	PKG	◎	○	○	◎	◎	◎	◎	◎	◎	-
PPS	PS	○	◎	◎	◎	◎	◎	◎	◎	◎	◎
	PSG	◎	◎	◎	◎	◎	◎	◎	◎	◎	-
PCTFE	PCT	○	○	○	◎	◎	◎	○	○	◎	◎
PVDF	PV	○	○	○	◎	◎	◎	○	○	◎	◎
Carbon	CY	◎	○	○	◎	◎	◎	◎	◎	○	-

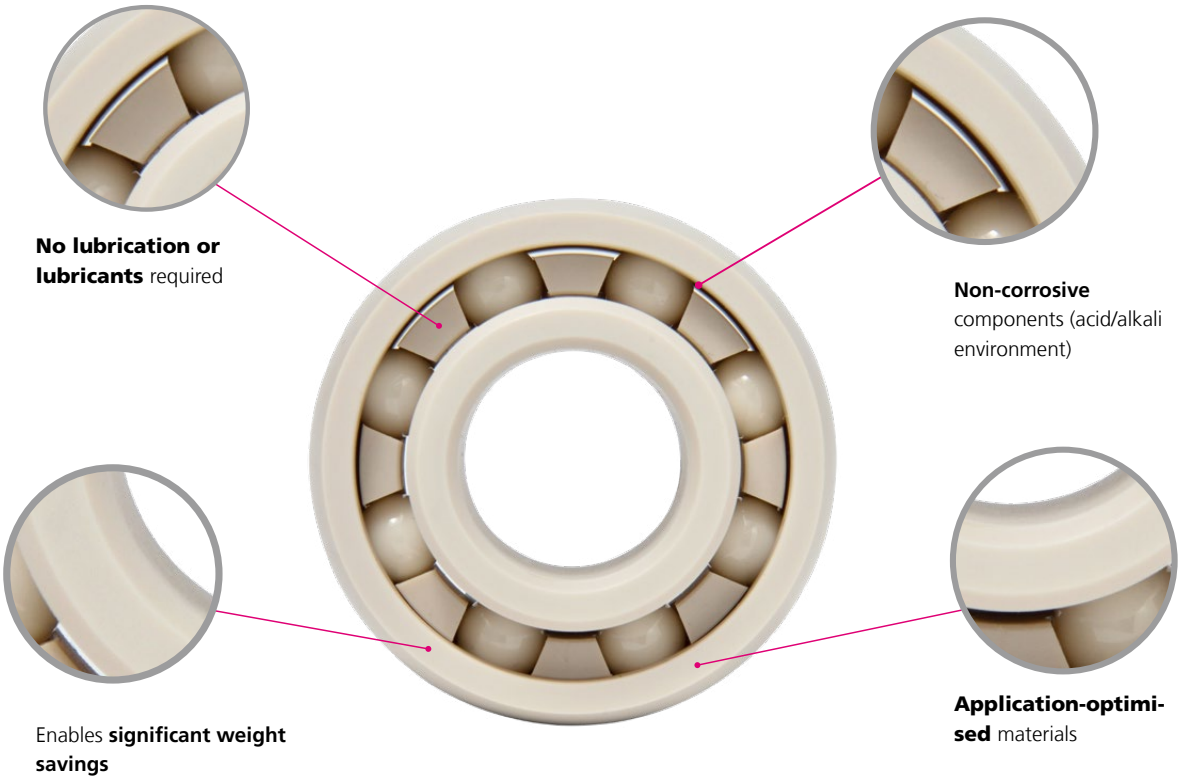
◎ Recommendable ○ Satisfactory △ Sufficient, but not optimal - Not compatible ☐ By arrangement



Full compatibility

Please contact us for detailed information on compatibility

Your component for extreme conditions



THE BENEFITS AT A GLANCE:

- Lubrication- and maintenance-free running
- Rust resistance (salty environment)
- High chemical resistance
- Can be used in different temperature ranges
- Compatibility with magnetic devices
- Electronic non-conductor that can serve as insulation between the housing and the axis of rotation
- Very light bearing insert

AREAS OF APPLICATION:

- Cleaning systems
- Coating systems
- Devices for surface treatment
- Drying oven
- Devices for chemical applications
- Medical devices
- Refrigeration systems
- Your application...

PRODUCT OVERVIEW EXTREME BEARINGS:

Deep-groove ball bearings

Miniature ball bearings

Angular-contact ball bearings

Self-aligning ball bearings

Thrust ball bearings

Titanium bearings

Ceramic bearings

Housing insert

Repair sleeve for drive shaft

Axially secured plain bearing

Plain bearings

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by the Japanese Ministry of Economy, Trade and Industry

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