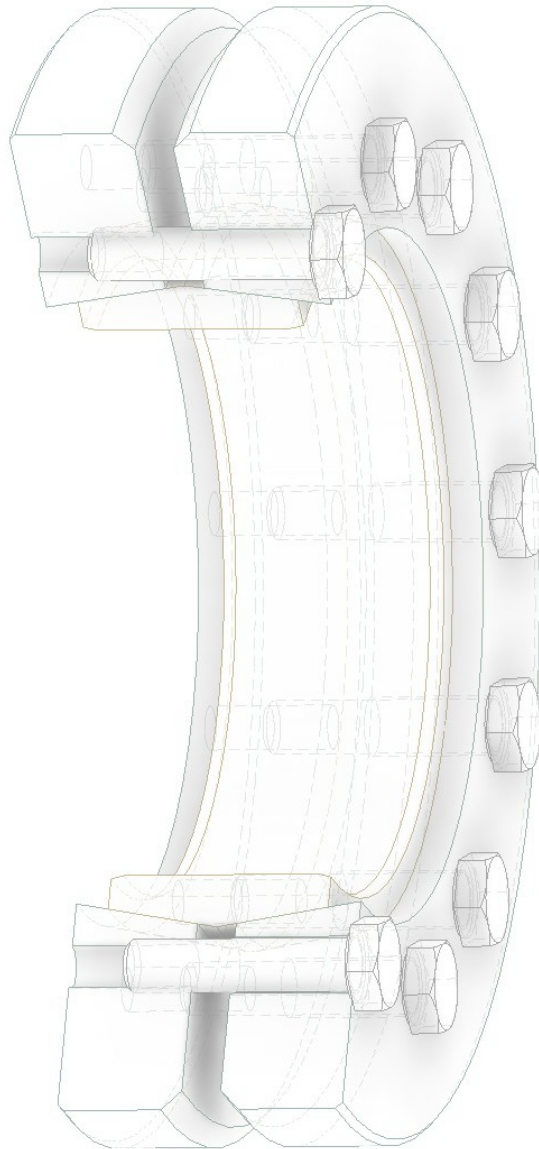


BIKON 1029
Installation Manual



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Index:

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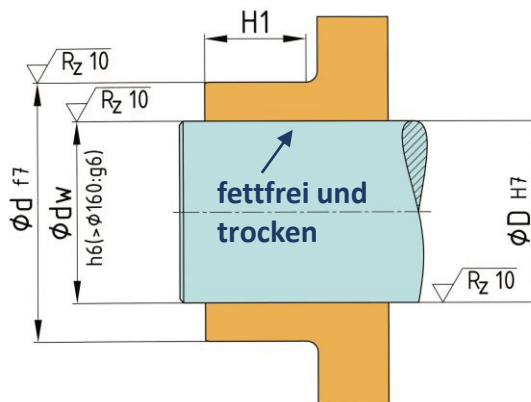
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April 2023

Space - BIKON 1029



| d | D | H1 |
|-----|-----|-----|
| mm | mm | mm |
| 140 | 230 | 74 |
| 155 | 263 | 80 |
| 165 | 290 | 88 |
| 175 | 300 | 88 |
| 185 | 330 | 112 |

| d | D | H1 |
|-----|-----|-----|
| mm | mm | mm |
| 200 | 350 | 112 |
| 220 | 370 | 134 |
| 240 | 405 | 144 |
| 260 | 430 | 160 |

TA – Tightening torque of screws

| d | M | TA |
|-----|-----|-----|
| mm | - | Nm |
| 140 | M12 | 100 |
| 155 | M12 | 100 |
| 165 | M16 | 240 |
| 175 | M16 | 240 |
| 185 | M16 | 240 |

| d | M | TA |
|-----|-----|-----|
| mm | - | Nm |
| 200 | M16 | 240 |
| 220 | M16 | 240 |
| 240 | M20 | 470 |
| 260 | M20 | 470 |

Installation

1.

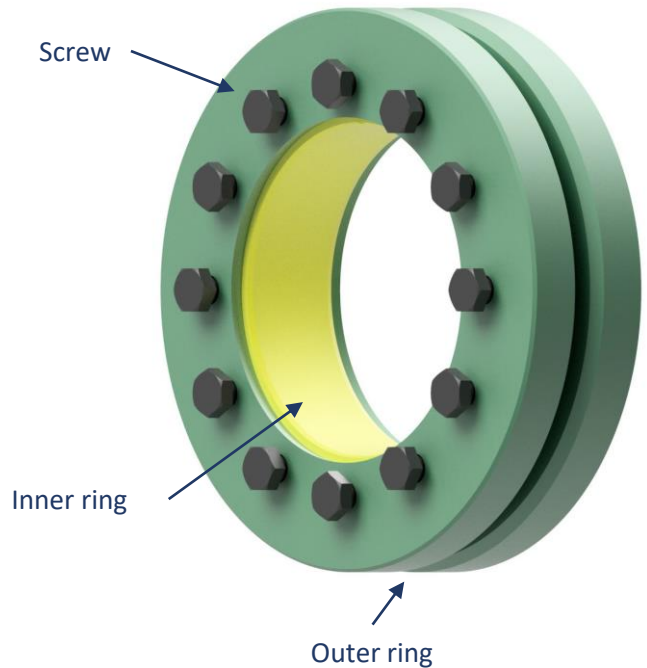
BIKON 1029 are delivered ready for installation.

The screws and cones are lubricated with Molykote (MoS₂).

The screws have been unscrewed a few threads.

Make sure that the rings fit loosely on top of each other.

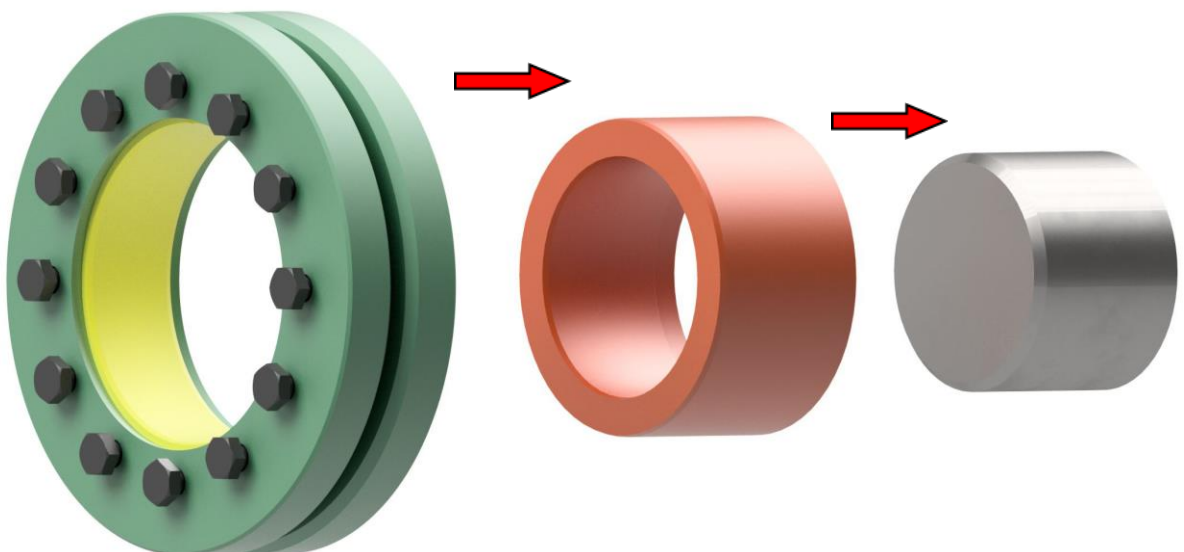
The cones are not self-locking.



2.

Join the shaft and inner bore of the hub dry and free of grease.
Slide the shrink disk (oiled) onto the hub.

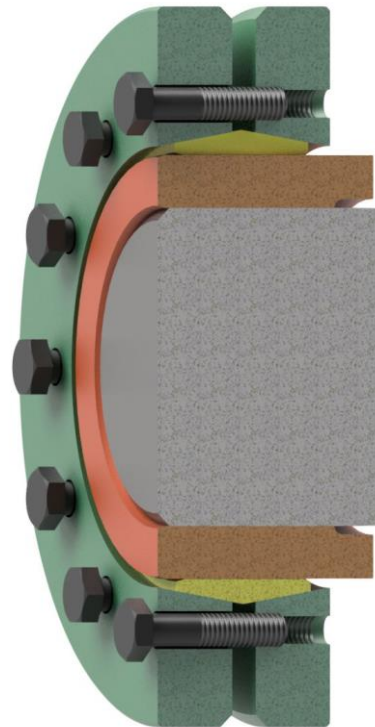
(The joint between the hub and the inner ring of the shrink disk can be oiled.)



Installation

3.

The hub and shrink disc must not protrude over the shaft.
Minimum flush fit required.



4.

Tighten the screws evenly one after the other using a torque wrench (not crosswise).

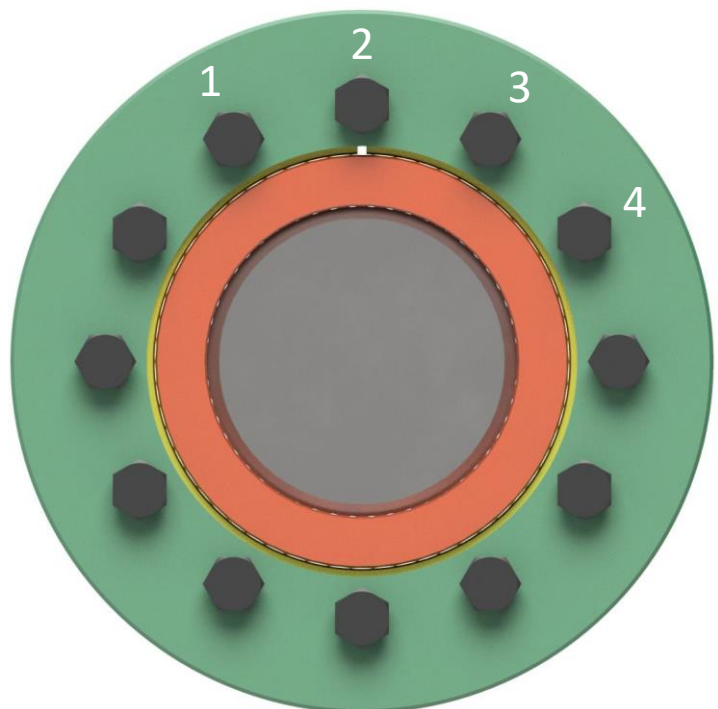
Pay attention to parallel outer rings, avoid tilt. A tightening angle of 30° - 60° has proven practical.

control !

The tightening of the screws and the assembly is complete when no more screws can be tightened with the 100% tightening torque.

Attention !

Do not clamp a shrink disc without an installed shaft, otherwise plastic deformation of the hub is possible.

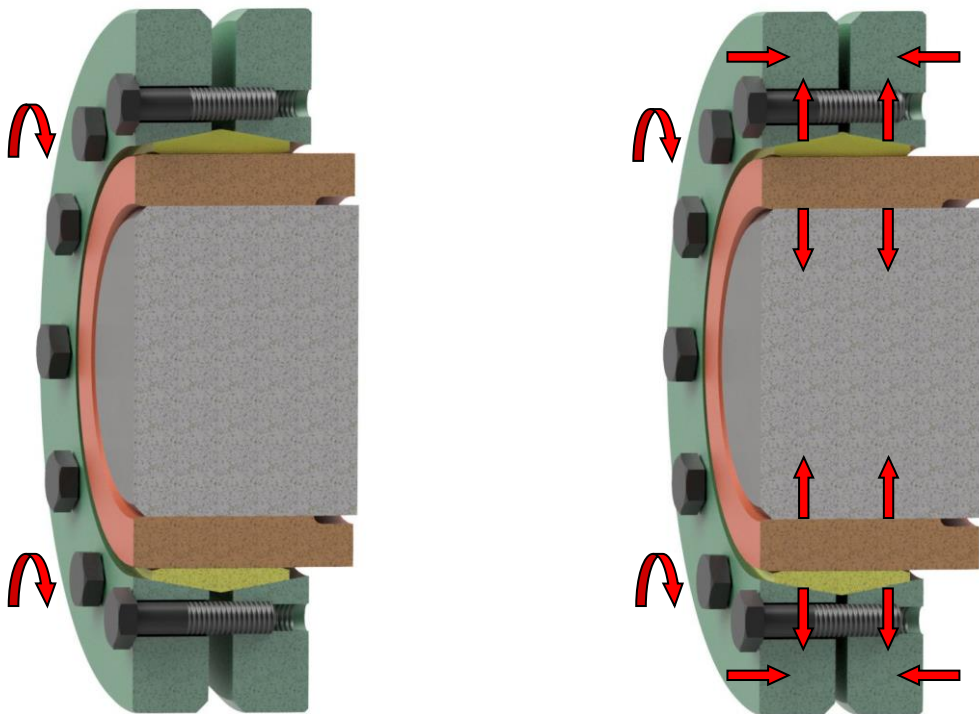


Installation

5.

By tightening the screws, the outer rings slides and tightens the connection. The cones are not self-locking

The hub does not move in the axial direction during assembly.



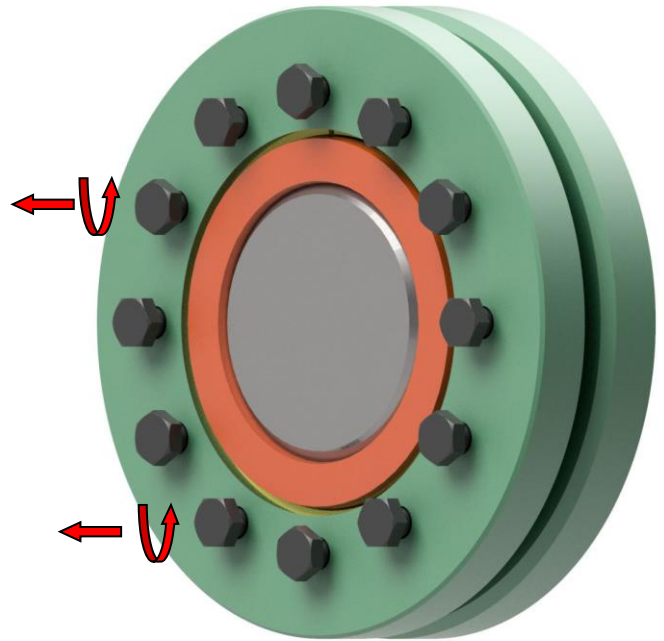
The shrink disk is maintenance-free.

Removal

1.

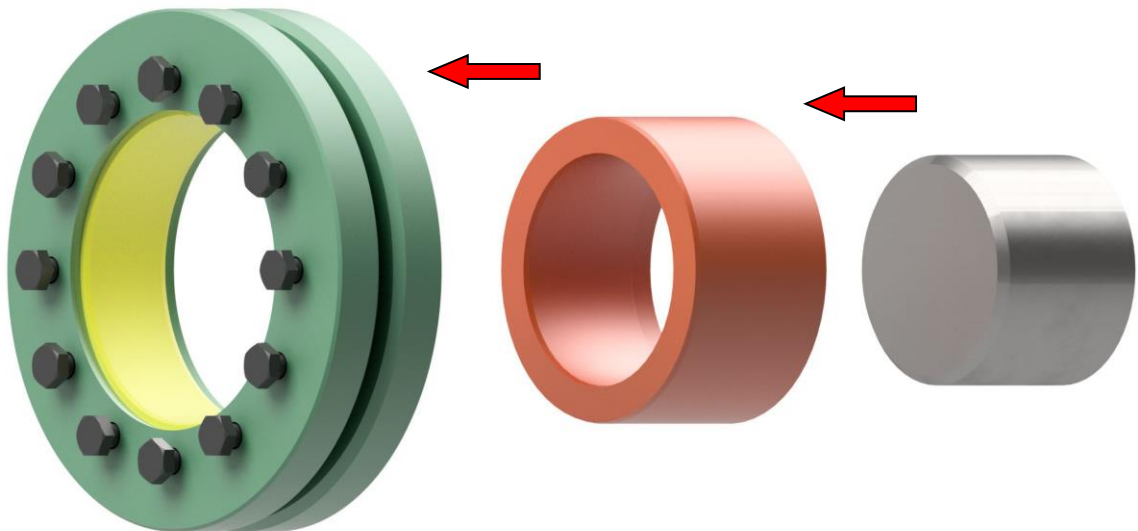
Loosen all screws evenly one after the other.
Several turns are necessary until all screws are loosened.
Do not unscrew the screws completely.

The cones are not self-locking and loosen
when the screws are released.



2.

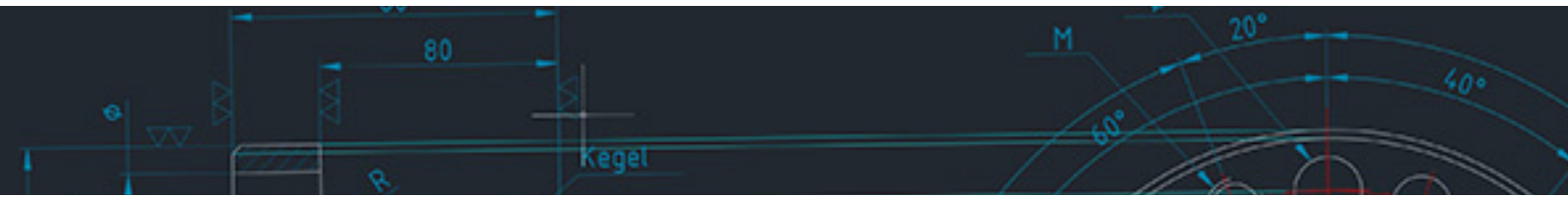
Remove the shrink disk from the hub and the hub from the shaft.



Reusability

Undamaged locking assemblies can be reused.

The screws must be changed after each use!



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