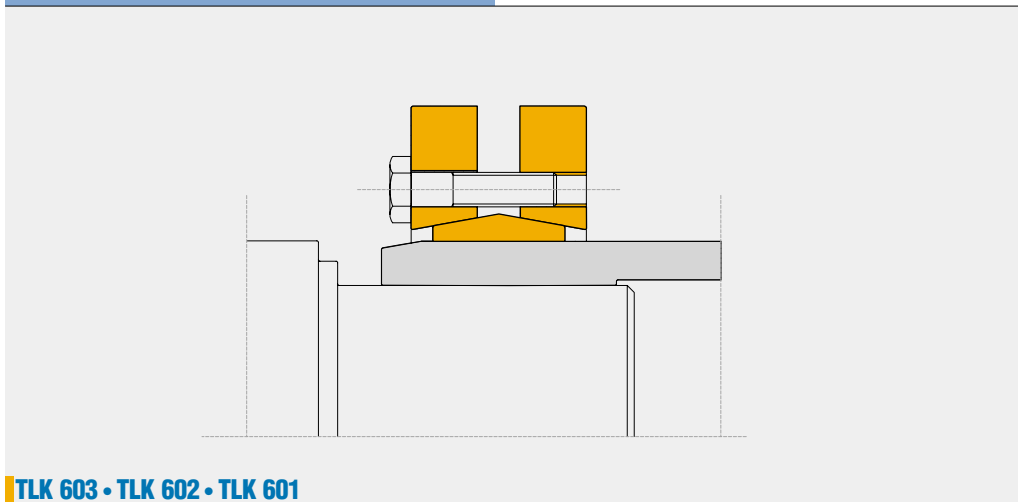


Shrink discs TLK 603 • TLK 602 • TLK 601



TLK 603 • TLK 602 • TLK 601

Characteristics

- Medium-high torque
- No shaft-hub axial movement
- Limited installation time
- Quick dismantling

Installation

Carefully clean the hub and shaft contact surfaces. Slide the shrink disc outside the hollow shaft. Tighten gradually and regularly in continuous sequence all screws to reach the tightening torque **Ms** indicated in the table. To reach the required tightening torque **Ms** it is necessary to repeat the procedure more than once. Do not use **molybdenum bisulphide** in the hub and shaft contact surfaces.

Dismantling

Loosen the clamping screws in a continuous and gradual sequence. Do not remove screws from threads. Normally with this operation the shrink disc is released. In case of reuse, apply a solid lubricant (that can guarantee a friction coefficient equal to 0,04) in the screws and in the tapered surfaces.

Tolerances, surface finish

A good surface finish by machine tool is sufficient.
Maximum allowable surface finish:
Rt max 16 µm (Ra 3 µm - Rz 13 µm)

Maximum permissible tolerances:
d = h8 for shaft

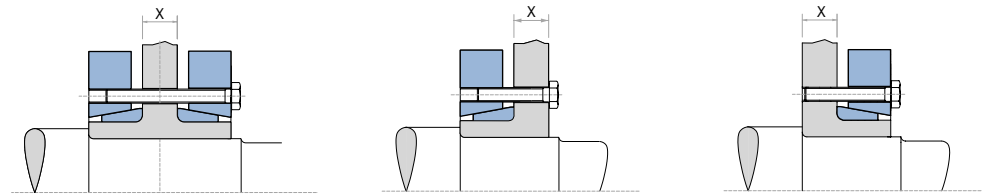
dw diameter tolerances

From 18 mm to 30 mm dw	H6/j6
From 30 mm to 50 mm dw	H6/h6
From 50 mm to 80 mm dw	H6/g6
From 80 mm to 500 mm dw	H7/g6

Axial movement

During screws tightening the hub has no axial movement with respect to the shaft.

Shrink discs Special applications

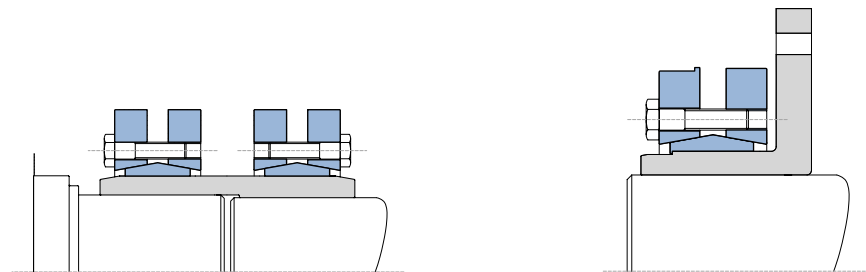


Split version

Half I version

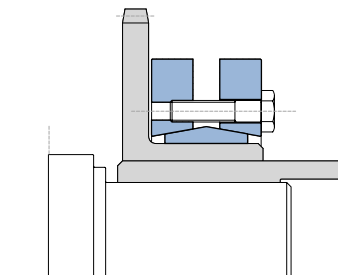
Half S version

When ordering please specify X dimension



Use of model TLK 603 as coupling between different size shafts

Special version equipped with housing for brake



Contemporaneous locking of a sprocket and a hollow shaft.

