

Installing the clamping sleeve

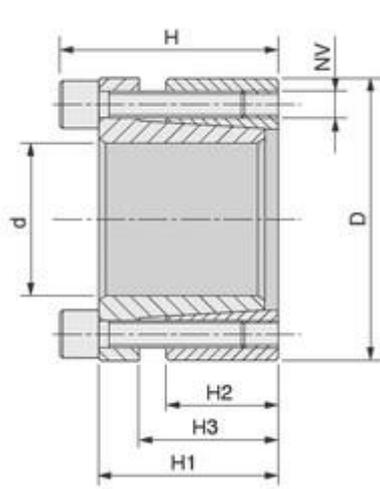
Annex to the fan operating and maintenance instructions

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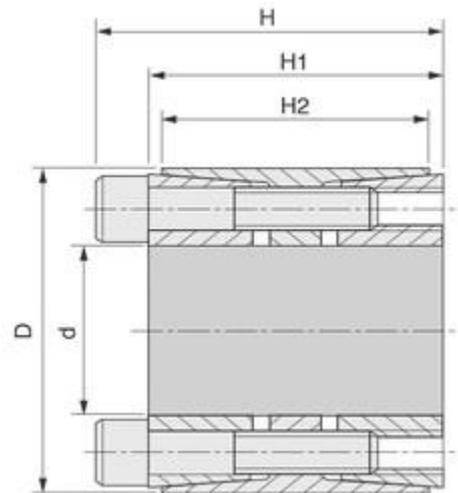
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1 EX-41/60

In newer fans, for the pole mounting, is used a clamping sleeve couple EX 41 and EX 60



EX41



EX 60



Removal

EX 41

Remove the screws and screw them into the pull-out threads of the outer ring so that the inner ring is released and the sleeve comes off. Remove the screws from the pull-out threads only when the sleeve is removed from the hub.

EX 60

Method 1: Remove the screws and screw them into the outer ring pull-out threads and release the ring.

Method 2: Remove the screws to the pull-out threads of the central flange and release the rear inner ring

Installation

Clean and lightly oil all contact surfaces: screw threads, screw heads, the shaft and the pole. Do not use oils that contain molybdenum sulphite. Tighten the screws slightly and direct the pole. Tighten the screws alternately crosswise in two or three stages. Re-check all bolts using tightening torques. Tightening torques for different sizes of friction joint sleeves can be found on the manufacturer's web site.

Huom!

The outer ring extraction spiral holes must be placed so that they hit the inner ring imperforate places. They are necessary for disassembly of the clamping sleeves prior to installation.

2 SKF SHT



Mounting

1. Check to see that the locking screws do not protrude from the rear of the nut.
2. Tighten the nut on to the inner sleeve as far as it will go.
3. Thread the outer sleeve on to the inner until it abuts the nut. Note that the outer sleeve has a left-hand thread.
4. Insert the locking screws until they loosely about the outer sleeve.
5. Insert the shaft and mount the hub.
6. Tighten the locking screws alternately. Check that they are properly tightened by turning all screws twice more. (Where maximum torque transmission must be guaranteed, a torque wrench is recommended.)

Following to be strictly adhered to:

- Leave approximately 1 mm between the nut and the hub.
- During mounting the outer sleeve and the hub move from the nut in axial direction. After mounting the hub must not touch the shoulder on the shaft. Therefore, it is important to leave a space between the hub and the shoulder.
- If the outer sleeve cannot be moved in axial direction the inner sleeve will slide on the shaft in the direction of the nut. The friction losses that occur result in a lower torque capacity. The torque capacity when the bushing is mounted in this way will be 70% of the listed capacity.

Dismounting

1. Loosen the locking screws so that they are not in contact with the bushing.
2. Slightly loosen the nut.
3. Apply light blows to the nut or the outer sleeve, so that the tapered section of the thread releases its grip.