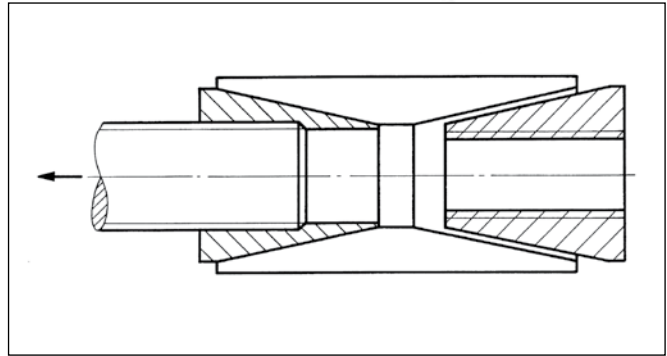
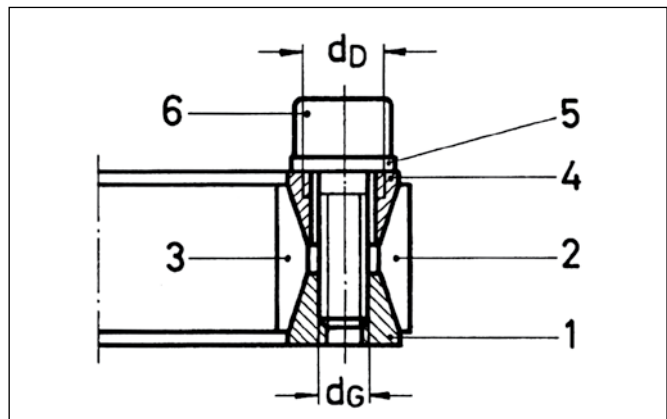


If the rear thrust ring does not automatically release, the screws have to be turned out by a few threads. Light tapping against the screw heads causes the rear thrust ring to spring backwards.



Should the front thrust ring jam, it is released in a similar way. The marked screws (washer) are removed from the pullout threads of the front thrust ring. The front thrust ring can be released and a Locking Assembly which may be deep in the hub bore can be removed by corresponding screws.



Locking Assembly RfN 7012-IN. Part description.

- 1 rear thrust ring
- 2 outer ring, slit
- 3 inner ring, slit
- 4 front thrust ring
- 5 washer
- 6 locking screw

Installation and removal instructions

Locking Assembly RfN 7012 / RfN 7012-IN, standard and stainless steel

Installation

Since the force is transmitted by contact pressure and friction between functional surfaces, condition of contact surfaces and proper tightening of the locking screws are of great importance.

1. All contact surfaces, including screw threads and Screw head bearing surfaces, must be clean and slightly oiled. In this condition, the shaft, hub and Locking Assemblies are to be assembled. (Do not use Molybdenum Disulphide!)
2. Tighten locking screws lightly and align hub.
3. Tighten screws evenly in diametrically opposite sequence and do this in two or three stages up to the indicated tightening torque T_A .
4. Re-check tightening torque by applying it to all screws all the way around. If all screws have reached the max. tightening torque T_A , the assembly is completed.

Removal

RINGFEDER® Locking Assemblies RfN 7012 are self-releasing. The taper of the individual rings is such that the inner and outer rings spring apart when the pressure is reduced by loosening the screws.

The washers under marked screws protect the auxiliary (removal) threads against damage; these washers must be replaced after having been used several times.

If force is needed to extract a Locking Assembly that has already been loosened (e. g. if the Locking Assembly has to be pushed against the weight of a heavy hub), any type of removal device may be used, but the screws must only be loosened and not screwed out too far. Thus a removal device can be used, provided the forces applied are kept low.

The auxiliary threads have only about 3-5 effective threads and are not cut right through. Do not use these holes for jack screws.

A previously used locking device may be reused only after visual inspection for surface damage and being thoroughly cleaned and re-lubricated!



Weitere technische Hinweise befinden sich im jeweiligen Katalog.

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