

Locking Assembly - Model N7450



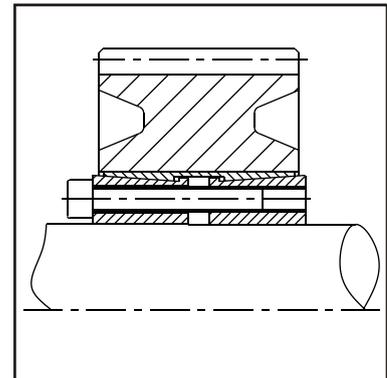
Features:

Torque transmission :High- Very high. Self centering. Slight axial movement of hub w.r.t. the shaft. Even pressure distribution. Withstand bending moments. Low installation time. Application economically advantageous.

Installation:

Since Torque is Transmitted by contact pressure & friction between contact surfaces, condition of contact surfaces & proper tighteing of screws is grate importance.

Carefully clean the hub and shaft & other contact surfaces and apply a light oil film. Loosen all screws by min. 2 turns & transfer 2 to 4 screws in to removal holes provided. Tighten transfered screw slightly to disengage taper seats for easy insertion. Insert the locking assembly into the hub bore and onto the shaft. Reposition the transfered screws in holes as was and tighten clamping screws lightly, align hub. Tighten all screws gradually and regularly in diametrically opposite sequence in several pass, until the tightening torque (as per screw size indicated) is reached. Check all screws For the tightening torque, Repeating above mentioned operation, till no one screw turn more. The screws close to slit, should be tightened fully last, to avoid deformation in inner / outer ring.

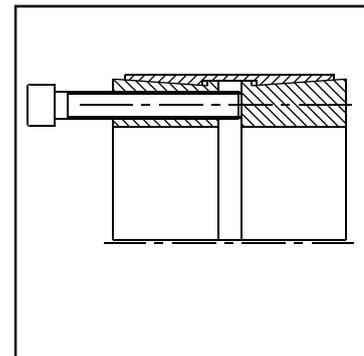


Note: The tightening torque values indicated is valid only in case of oil installation. Do not use any oil with molybdenum bisulphide or high pressure additives and not grease.

Removal:

IMPORTANT: Make sure ends of screws used for removal are ground flat & chamfered slightly, to eliminate damage to screws & removal threads.

Loosen the clamping screws. Insert (2-3) clamping screws into tapped holes of front nut, provided for removal and tighten gradually in crossed sequence, till the assembly is released. If the assembly is to be reused, relubricate both inner / outer ring, screws and reassemble, reuse or store.



Tolerances, surface finish:

A good surface finish by machine tool is sufficient. Maximume allowable surface finish : Rt max 16um (0.016mm). Maximum permissible tolerances for hub H8 & for shaft h8.