

Trantorque Model N 280

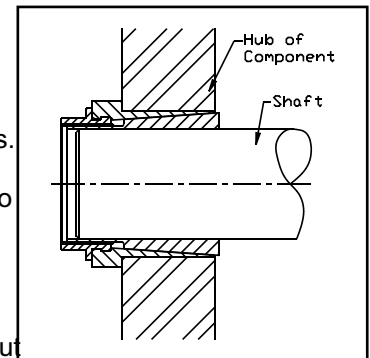


Features:

Torque transmission: Medium, Self centering. Too Low installation time. The concentricity error varies from 0,02 mm to 0,04 mm (T.I.R). A unique feature is the ability to mount hubless components. The precision-machined outer element ensures a perpendicular, flat mounting face. This allows the use of plate sprockets, hubless gears, disc brakes, etc., often at substantial cost savings. Problem weld-on hubs are a thing of the past.

Installation:

Clean contact surfaces of hub bore and shaft. If necessary, apply a slight amount of oil on both contact surfaces. Please do not use lubricants containing silicone or molybdenum disulfide. Insert the locking assembly in to hub & on to shaft, making sure the matching hub is flush against the shoulder at the hex flats. Position the assembly at the desired location on the shaft and hand-tighten the nut (clockwise) until the assembly becomes snug on the shaft. Tighten the nut to the proper installation torque using a torque wrench. See table for torque value. The hex flats on the outer ring are provided for counter-torque, eliminating the need to hold the component or shaft while applying installation torque. At full installation torque, the assembly will have slightly moved axially along the shaft away from the nut. If axial position is critical it may be necessary to loosen the nut and reposition the assembly

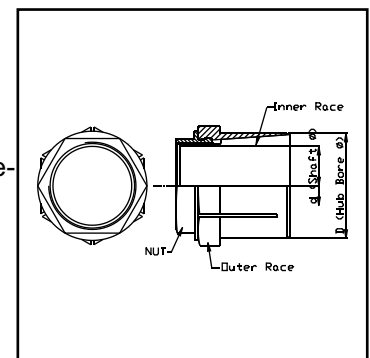


Note: Do not strike the locking assembly with a hammer or other such tool .Over-tightening the nut could damage the Locking assembly and/or the mounted component.

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

Removal:

Loosen the Nut by holding hex flats provided on the outer ring gradually, till the element is released. If the element is to be reused, clean & re-lubricate both inner & outer rings, nut.



Tolerances, surface finish:

A good surface finish by machine tool is sufficient. Maximum allowable surface finish : Ra ≤ 3.2um
Maximum permissible tolerances for hub H8 & for shaft h8.