

Clamping Element - Model N250

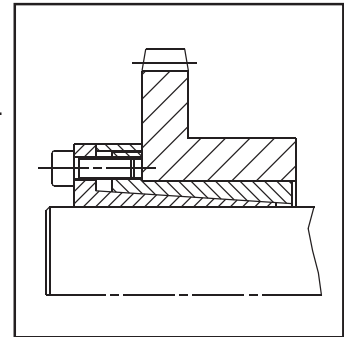


Features:

Torque transmission : Medium to High. Self centering. Low surface pressure. Low installation time. The concentricity error varies from 0,02 mm to 0,04 mm (T.I.R). Application economically advantageous.

Installation:

Elements are supplied ready for installation. Unscrew all screws by two or three turn. Transfer two or three screws symmetrical opposite in the tapped holes provided & slightly tight to separate inner & outer ring tappers for easy insertion. Carefully clean the hub and shaft contact surfaces and apply a light oil film. Slide the clamping element into the hub bore, onto the shaft. Reposition the transferred screws in holes as was and tighten all clamping screws, gradually and regularly in crossed sequence, in several pass using torque wrench, until the tightening torque (as per screw size indicated) is reached. Check all the screws for the tightening torque repeating above mentioned operation till no one screw turn more.

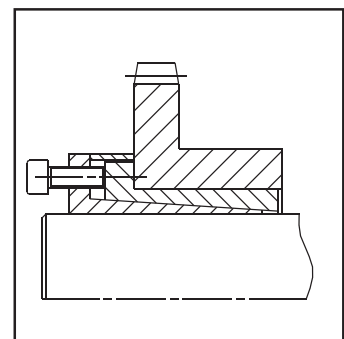


Note: The tightening torque values indicated is valid only in case of oil installation. Do not use any oil with molybdenum bisulphide or high pressure additives and not grease.

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 provided for removal and tighten gradually and regularly in crossed sequence, till the element is released. If the element is to be reused, clean & relubricate both inner & outer rings, screws and threads.



Tolerances, surface finish:

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