



### Cutless Bearing Removal Tool

The smaller tube on the right, is forced by the turning nut into the strut pushing the old cutless bearing out into the larger tube on the left. To push the new bearing in just remove the large tube and use the small tube to push it in.

- The L nut is relatively fixed at the end of the threaded rod, the washer OD is slightly smaller than the larger washer that has two diameters – the largest is the same size as the outside tube OD and the stepped down Dia is slightly smaller than the ID of the outside tube.
- The outside tube OD should just cover the OD of the bearing housing and the ID should be slightly larger than the inside tube OD (and cutless bearing OD) so that it will allow the inside tube to slide easily through it. The length should be slightly longer (1/8"?) than the inside tube and cutless bearing.
- The inside tube OD should be slightly smaller than the cutless bearing OD, with an ID smaller than the cutless bearing. The length of the inside tube should be slightly longer than the cutless bearing. The R machined washer has the largest Dia the same as the OD of the inside tube and the smaller diameter slightly smaller than the ID of the inside tube.
- To remove the bearing, the outside tube fits into the L stepped Dia. Washer on the L side of the bearing housing. The inside tube is on the R side of the bearing housing up against the cutless bearing, and with the R stepped Dia. Washer fitted to the inside tube also on the R side. As the R nut is tightened against the washers and inside tube, the cutless bearing is pressed out of the bearing housing into the outside tube.
- To press in a new bearing, position the outside tube in the same manner but substitute the cutless bearing for the inside tube.