

Figure 2-80. Attached rod end.

Another alternative is to place a washer, having a larger diameter than the hole in the flange, under the retaining nut on the end of the attaching pin or bolt. This retains the rod on the bolt in the event of a bearing failure.

Torque Tubes

Where an angular or twisting motion is needed in a control system, a torque tube is installed. *Figure 2-81* shows how a torque tube is used to transmit motion in opposite directions.

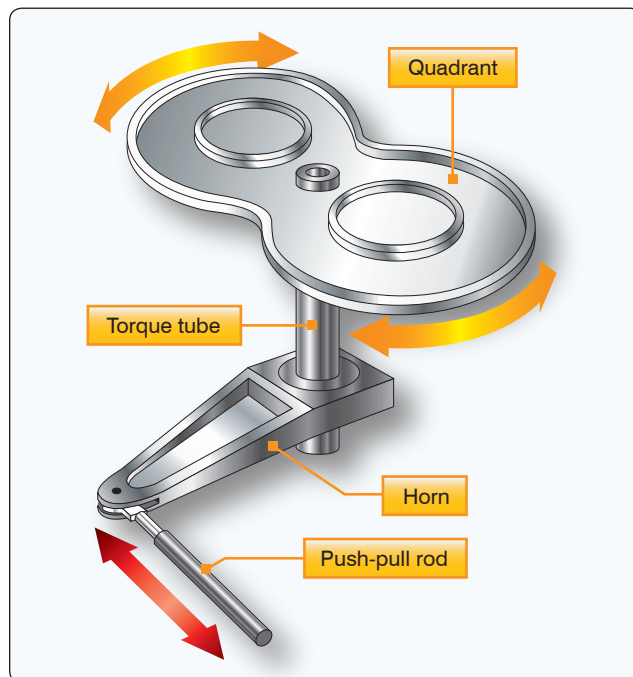


Figure 2-81. Torque tube.

Cable Drums

Cable drums are used primarily in trim tab systems. As the trim tab control wheel is moved clockwise or counterclockwise, the

cable drum winds or unwinds to actuate the trim tab cables. [Figure 2-82]

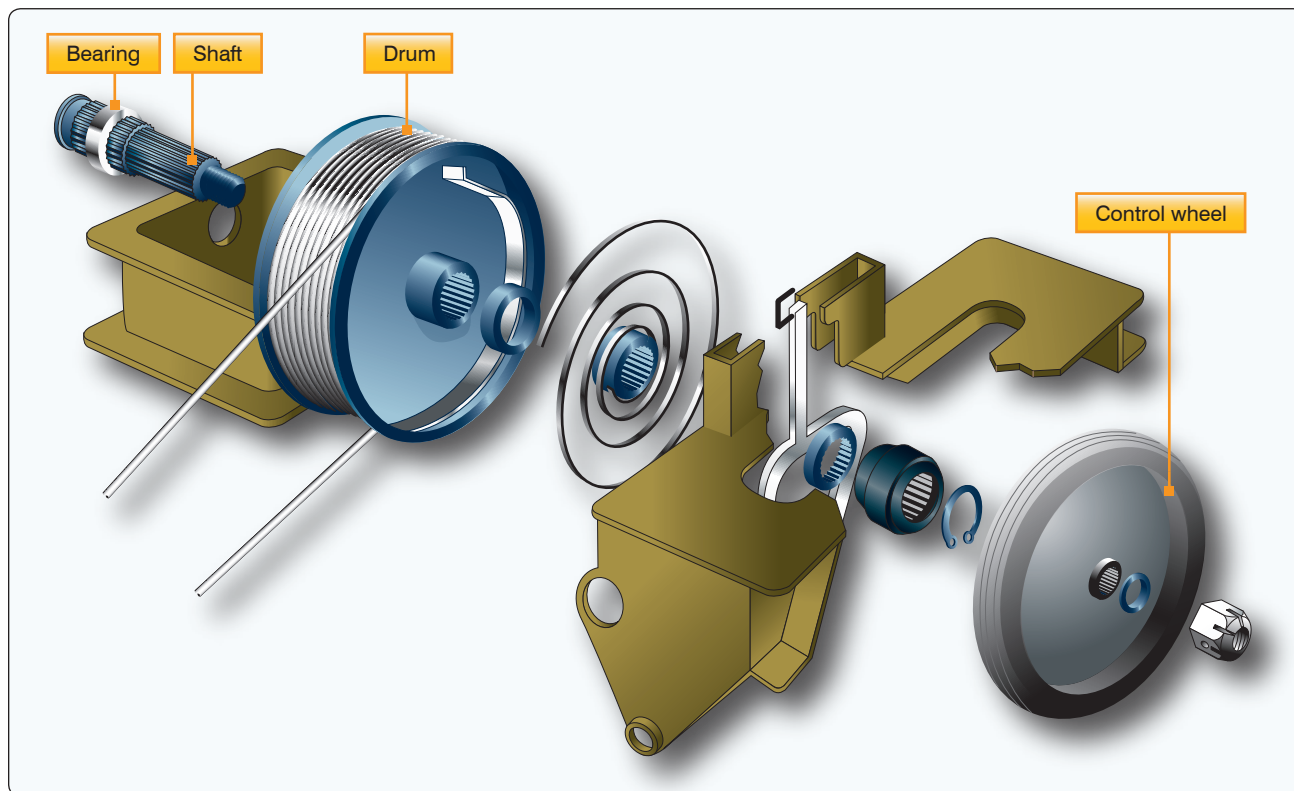


Figure 2-82. Trim tab cable drum.