

## Roncz Canard Hardware

*Letter from: Bill Warner* - Since I just received my Roncz canard plans from RAF I took a good look at them and came up with the enclosed new drawings for NC-2. These will be inserted into the torque tubes from the ends similar to the way they do NC-6. I intend to make a drilling jig which would then allow the NC-2s to be made with only the rod having to be turned down from 1" to 0.930".

*Editor note: 0.930" just slides down inside the torque tube.*

A metal cutting saw blade in a table saw could cut the slots, then the blank NC-2s would be cut off the 0.930" rod and accurately drilled in the jig.

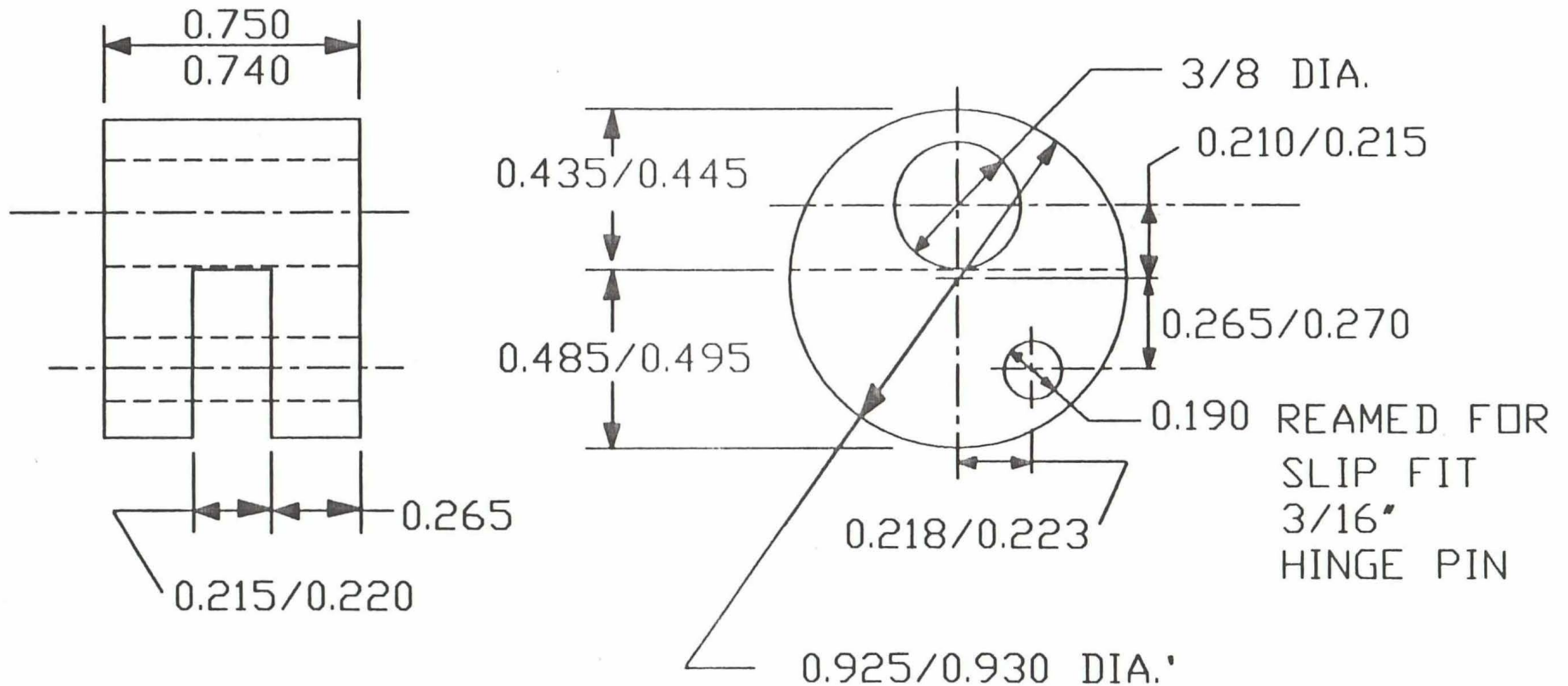
The jig will be made from 1" X 2" X 4" steel. A 0.930" diameter pocket would be milled in first. Then the 3/8" and 3/16" holes would then be drilled in the proper places. Additionally, 2 pins would be mounted outside the pocket in line with the 3/8" hole such that a 1/8" thick piece of material placed in the slot cut in the NC-2 blanks shoved against these pins would align the blank in the pocket.

*Editor note: If you don't have a milling machine try making this pocket by pouring flox around a greased blank NC-2. Be sure to grease it or you'll not get the NC-2 out.*

To use the jig, chuck a 3/8" drill in your drill press, line up the 3/8" hole in the jig and clamp the jig. Now you can drill the 3/8" hole in as many blanks as you wish. Cut the threads off a 3/8" bolt to use as an alignment pin. Move the jig so the 3/16" holes line up in the drill press. Clamp. Use the 3/8" bolt/pin to align the drilled blanks and drill the 3/16" holes. Ream 3/16" holes to fit the hinge pin. Voila! Round NC-2s. Torque tubes can also be slotted with the metal cutting blade. Slide the NC-2s down the torque tube, and align using NC-7s. Drill and rivet per RAF.



# NC2-ROUND



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