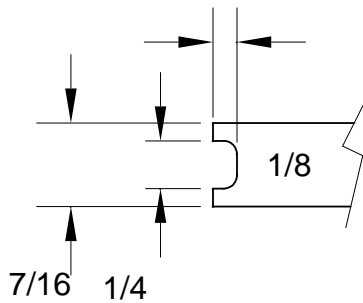


Putting a Dewey Rod into the Ray-Vin Scope Stand

Step 1: You need a special screw driver to work the nut on the Dewey cleaning rod. Get an old (or inexpensive) screw driver and grind a notch in the middle.



Step 2: Grip the bottom of the spindle in a vise, lathe chuck or as a last resort, grip pliers with some rag (cleaning patches) to minimize teeth marks.



Step 3: Place a bowl or other container underneath to catch the loose ball bearings. Loosen the nut with the special tool from step 1, remove the nut and slide the knob off catching all the bearings.



Step 4: Clean and inspect the spindle, balls and the Ray-Vin carry knob before re-assembly.



Step 5: Place the Ray-Vin knob upside down on the bench and put the cleaning rod spindle in the hold. Carefully drop half of the balls into the space between the knob and the spindle. Hold the rod and lift the knob up capturing the balls. Holding the knob against the balls, invert the assembly so the knob is at the top and the rod out the bottom. Don't lift the knob or you will be chasing your balls!



Step 6: With the rod in the vertical position, grip the spindle in the vise. Now place the remaining balls into the bore at the top of the knob.



Step 7: Now replace the nut and screw it down until it contacts the balls. Then unscrew it a half of a turn or so so that there is no binding and a little free space.



Step 8: Keep the nut from unscrewing by putting a tiny drop of Loctite or glue at the interface between the threads of the spindle and the nut.

