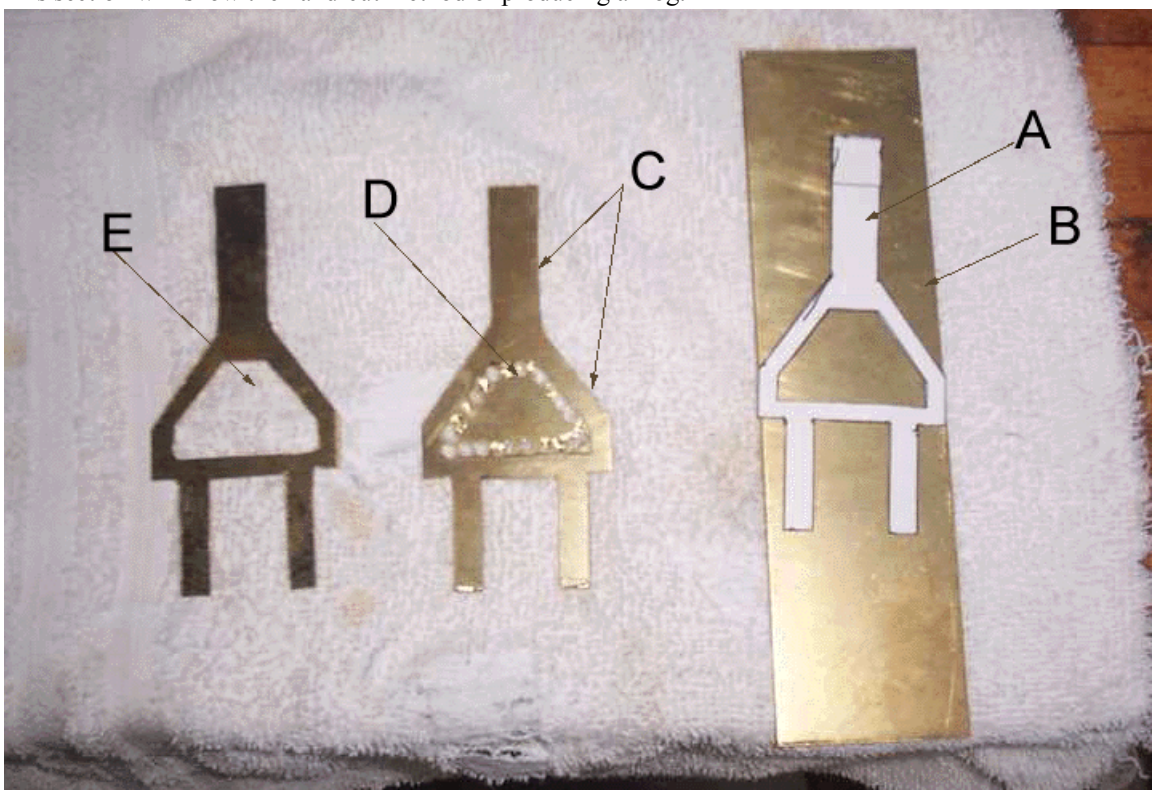
Appendix A

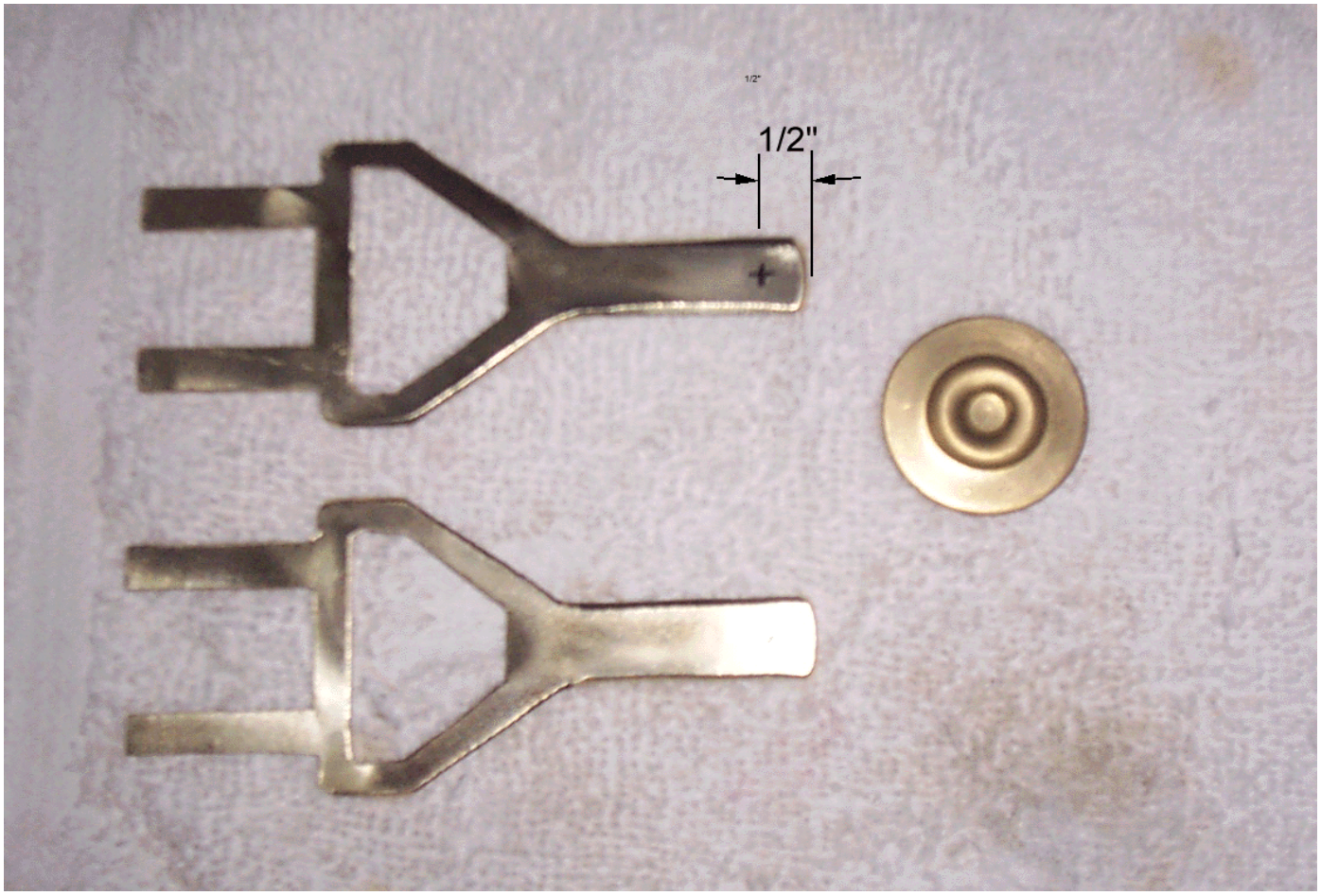
How to make one style of frog

As mentioned before, there are several styles, and several methods of making a belt frog.
(cast) preferred method---most authentic
(punched) easiest---looks too perfect least authentic
(hand-cut) Hardest, but cheapest

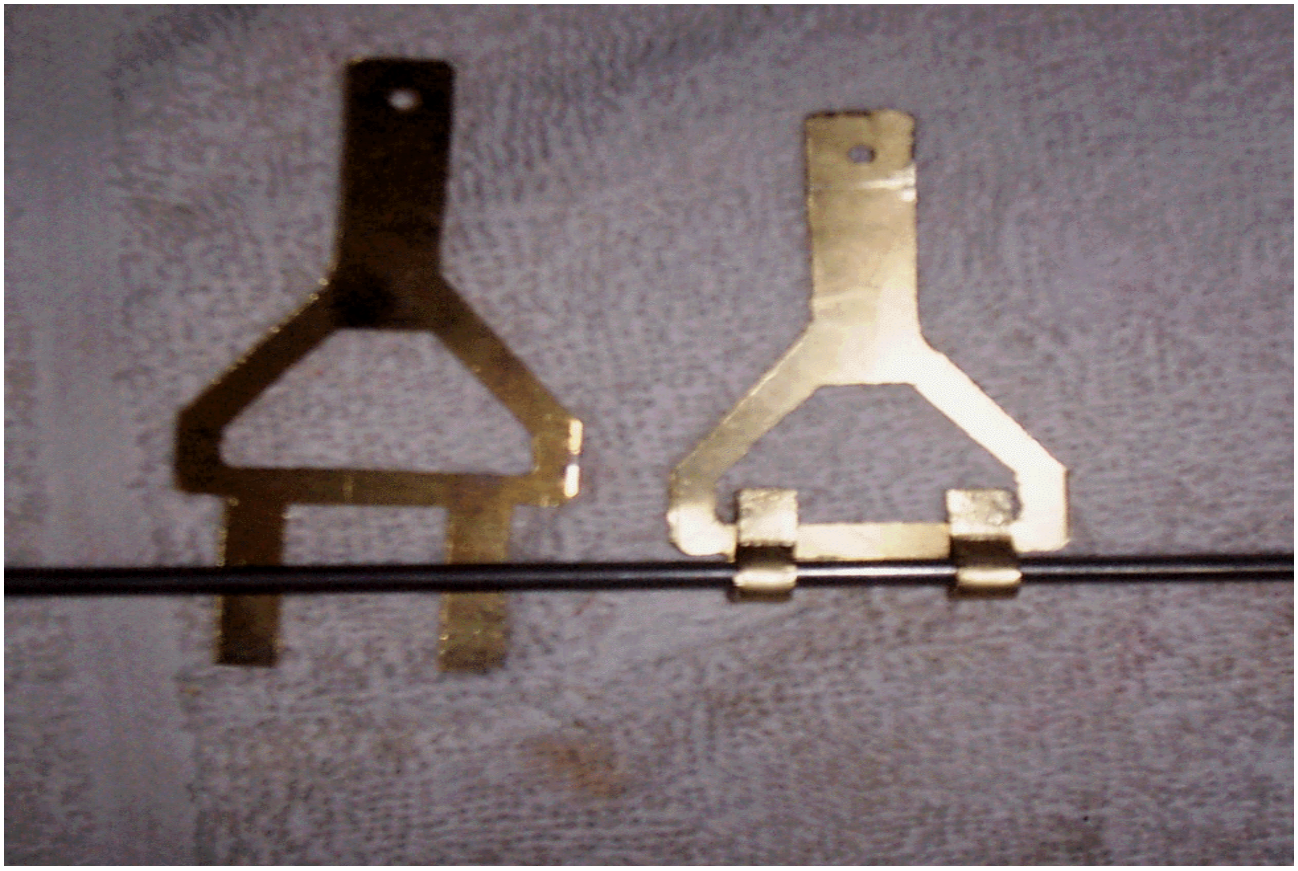
This section will show the hand-cut method of producing a frog.



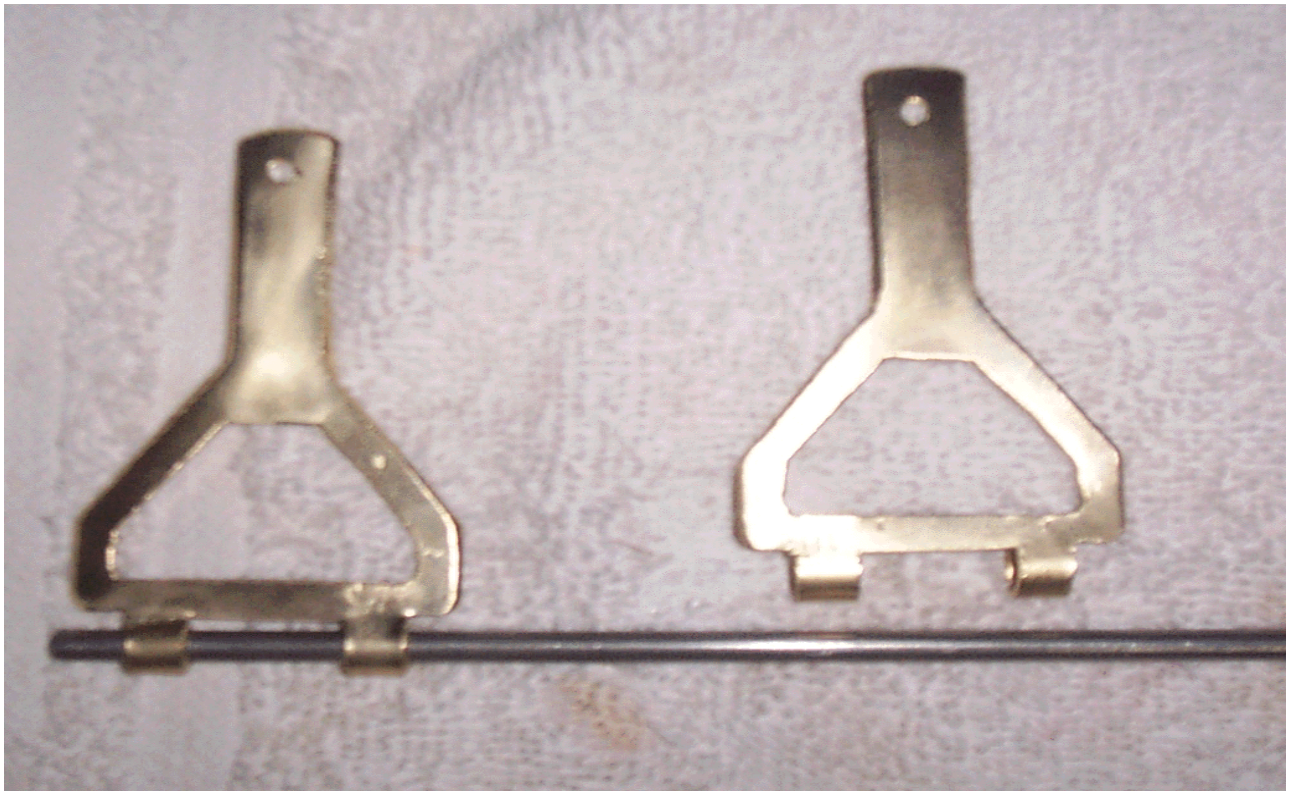
Take a piece of card stock and make your pattern as shown in “A”
Take a piece of 1/16” to 3/32” metal plate “B” (brass) place your pattern on the plate and trace around it. Cut the large portions away as shown in “C” then using a drill, drill out around the internal “cutout” area as shown in area marked “D”. Using a milling tool or a chisel cut out the center and smooth it out using a file as shown in “E”



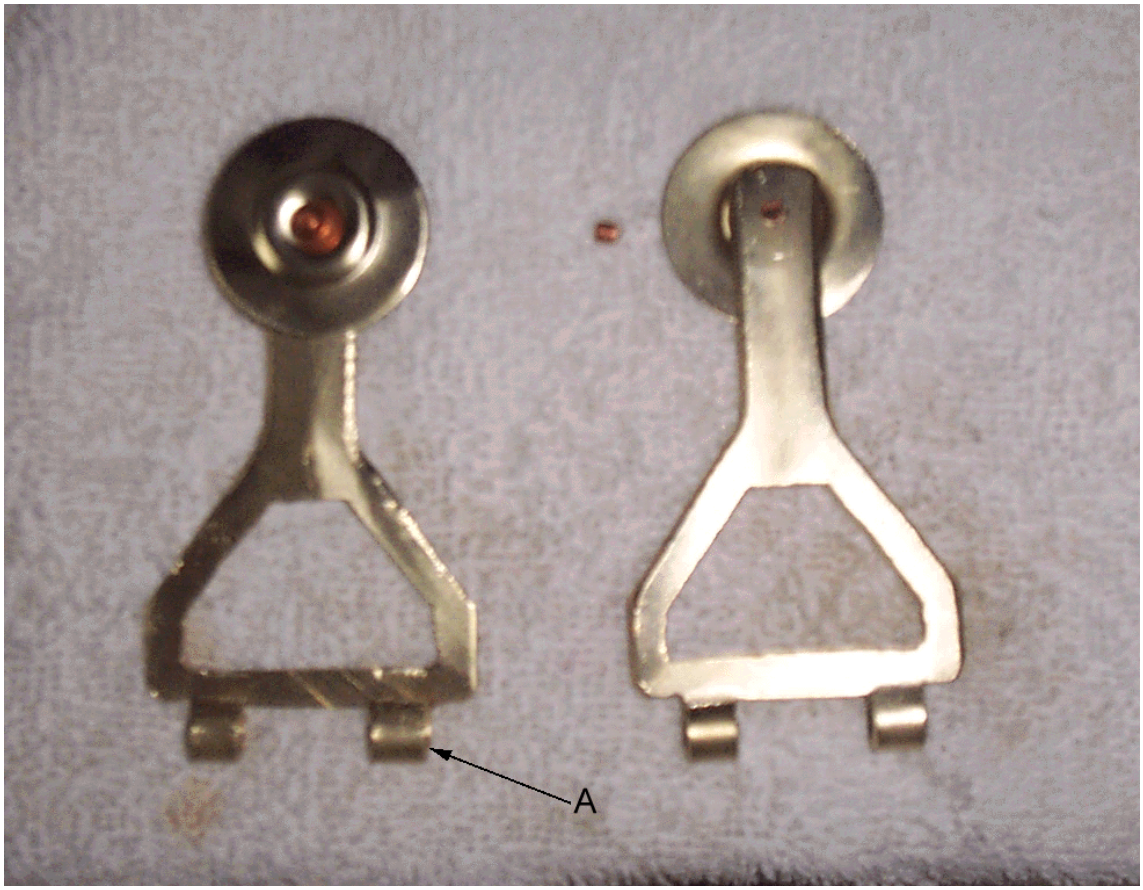
Now file off the rough edges and polish the pieces. Measure from the end of each tail ½” and place a mark as centered as possible. Now drill through using a 1/8” drill bit.



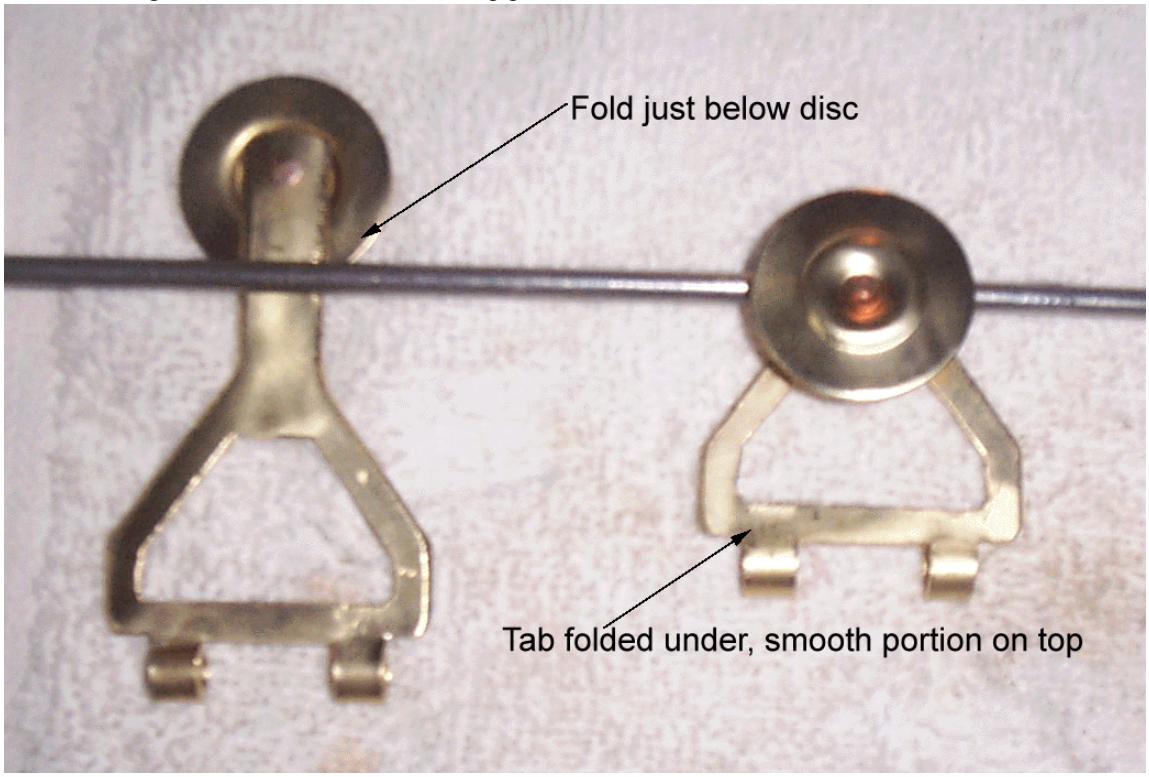
Fold Tabs around a 3/16” steel rod. Do not use the brass rod it is too soft for this.

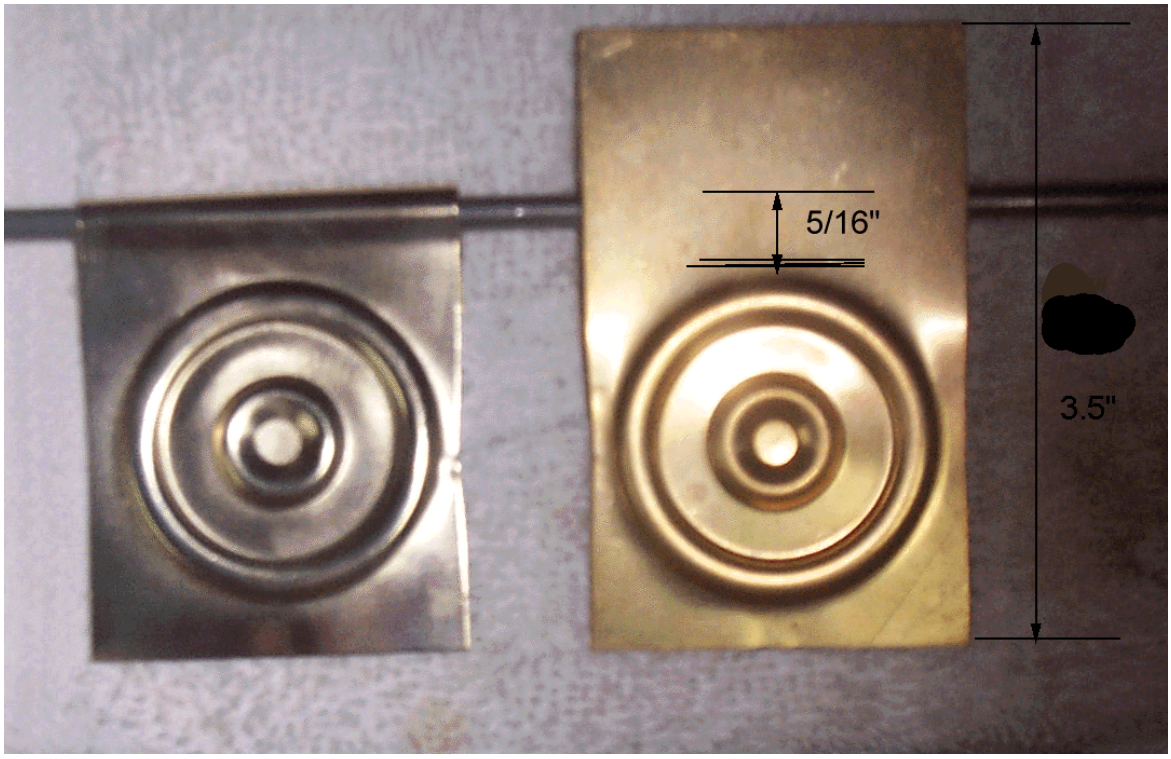


Trim the tabs and polish smooth. Check for fit on 3/16” rod.

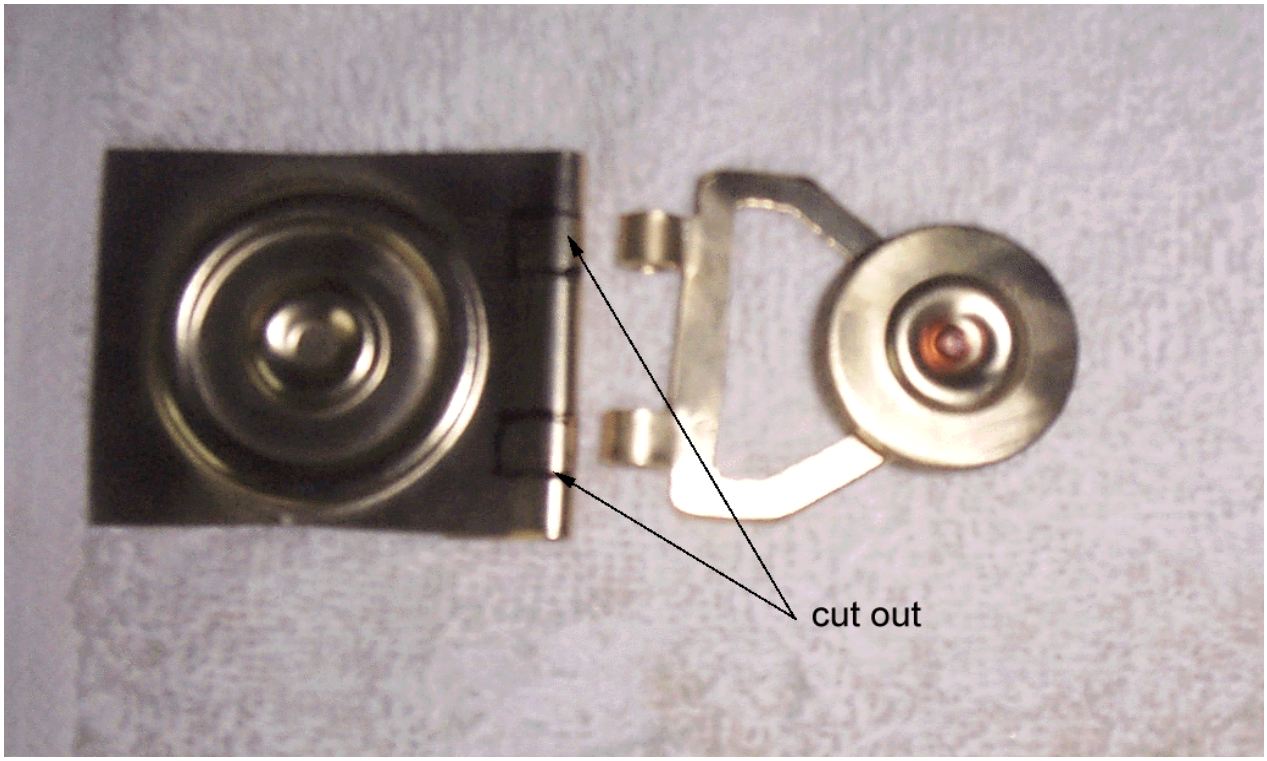


Mount the frog discs with the tab fold in the up position.

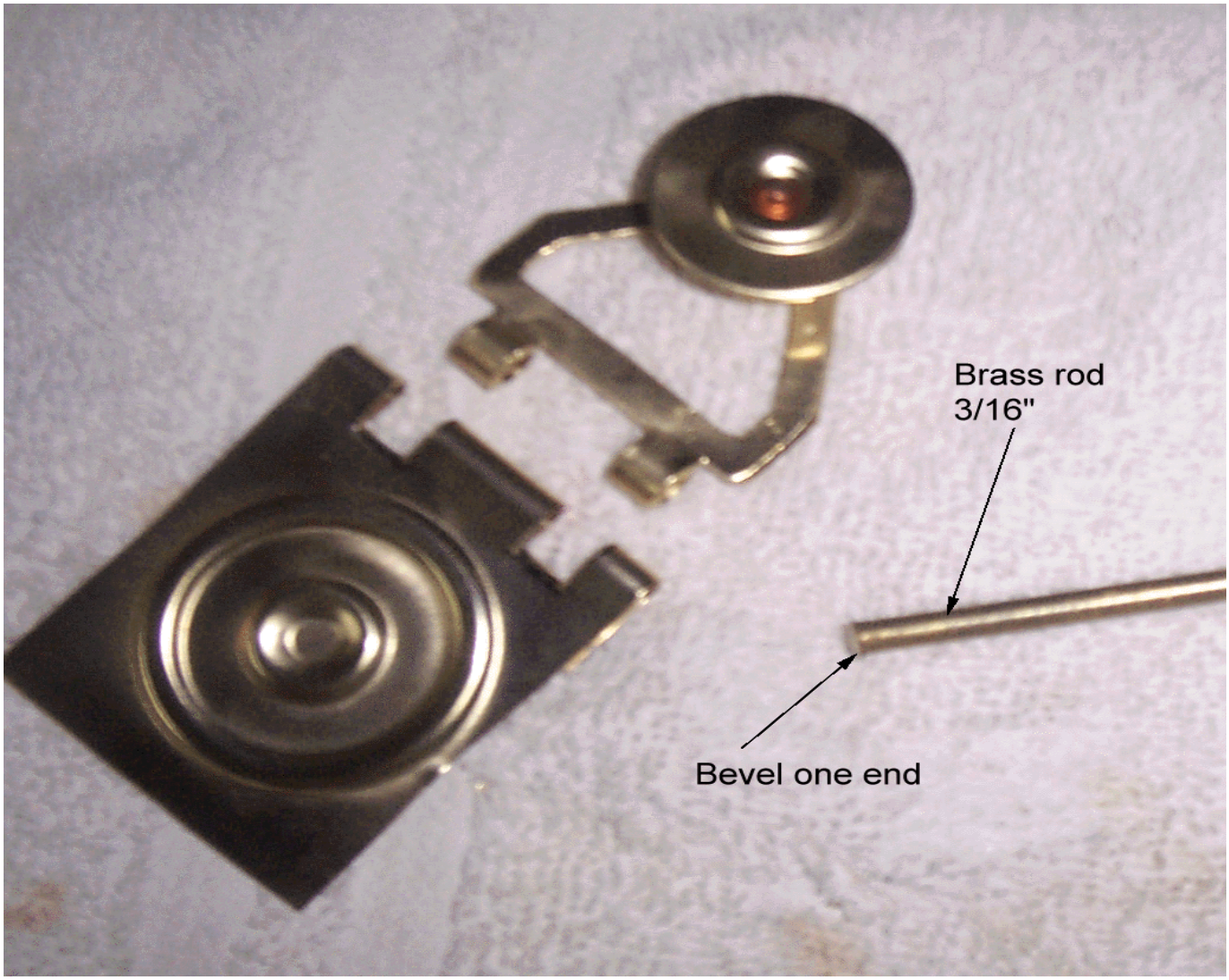




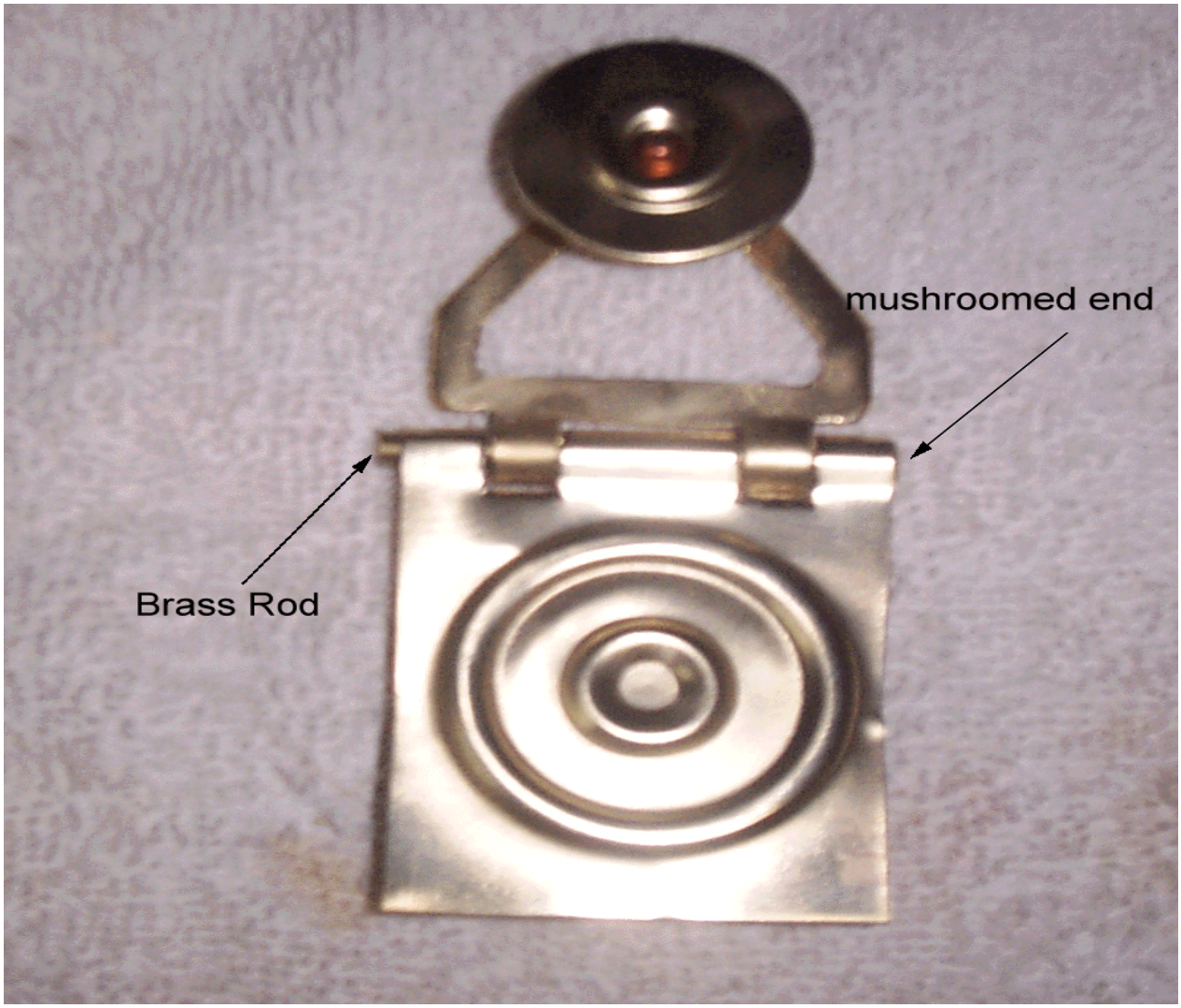
Prepare the belt plate, this plate should measure 2” x 3.5”. Using a 3/16” steel rod. Fold the metal over the rod. I use a vice with a thick piece of cloth to protect the plate from scratches. The finished product will leave a nice tube at the end of your plate.



Align the frog with the plate and mark out the area for the tabs. Using a fine metal cutting saw cut out the marked areas.



Take a piece of 3/16” brass rod and mushroom one end.



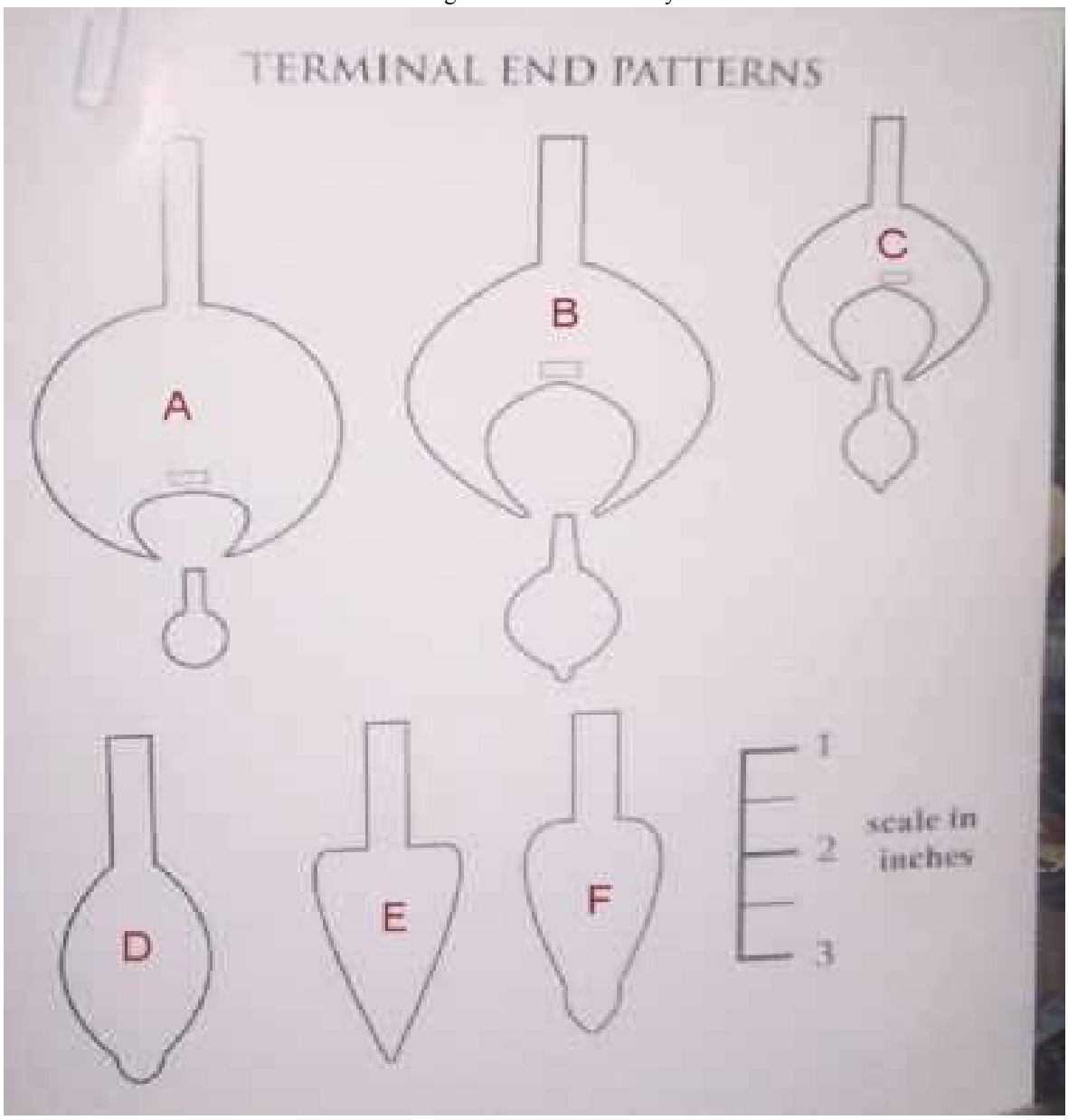
Insert the other end of the brass rod through the tube in the plate and the tabs in the frogs as shown in the picture. Cut the rod leaving approximately 1/8” sticking out of the end as shown in the picture.



Mushroom the end until it looks as if it will not slip out of the tube.
The frog is now ready to mount on your belt.

Appendix B

Here are some of the end terminals used during the 1st and 2nd Century



Use minimum 16 gauge brass plate for these items.