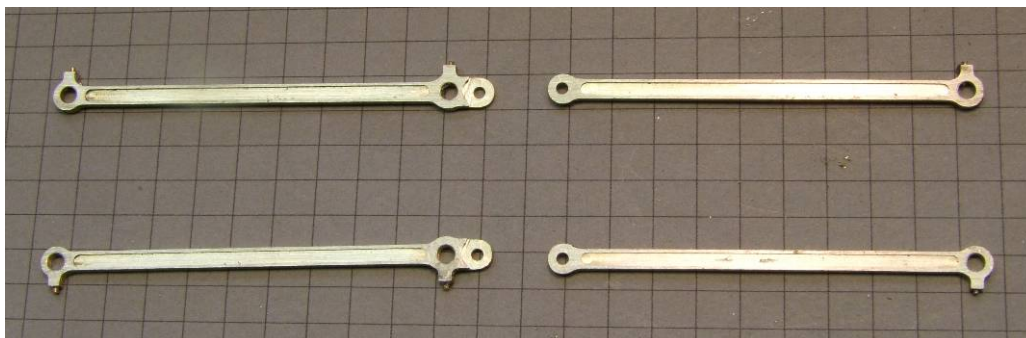


## Assembling Premier Jointed Rods

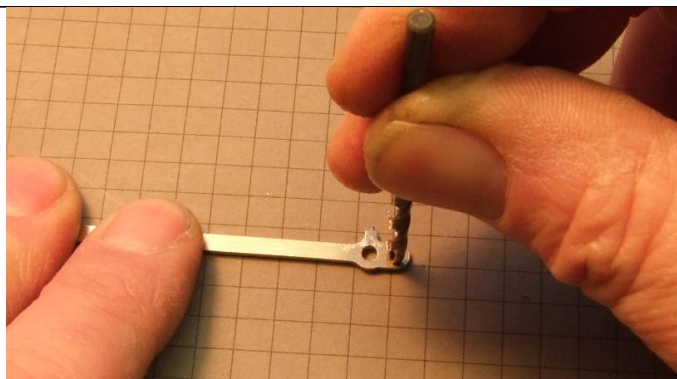
Bob Alderman © 2010



The rods as supplied plus drilling and fixing corks to the oil boxes – 0.7 mm wire.



The back face of the joint.



Lightly countersink the back face of the joint.



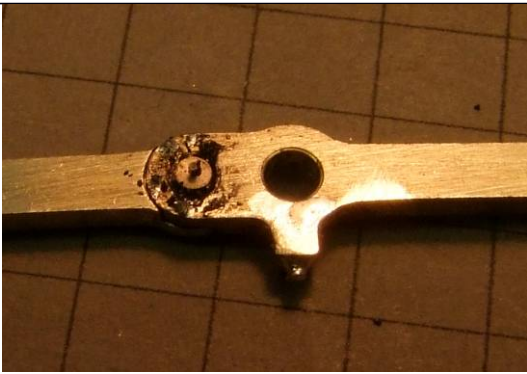
The edge of the hole should look something like this after countersinking.



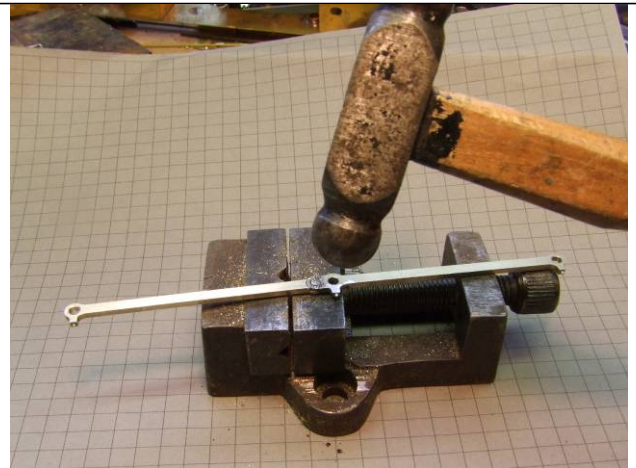
Coat the inside face of the joint with Carr's Solder Mask



Insert the hinge pin.



In this case the pin has an unusually large parting-off pip. This can be easily removed with a few strokes of the file. Leave it in the joint whilst you do this; it makes a convenient handle and will prevent it disappearing.



Use the ball peen of a hammer to set the end of the pin. The head of the pin is on a suitable anvil. The end will be expanded into the countersink.



This is what it will look like after a few blows. The pin has deformed filling the countersink.



Apply a little flux on the end of the pin and solder with 188 solder.



The joint should still be free after soldering. Clean up the solder nearly flush with back of the rod. It may feel tight so work the joint back and forth few times to loosen.