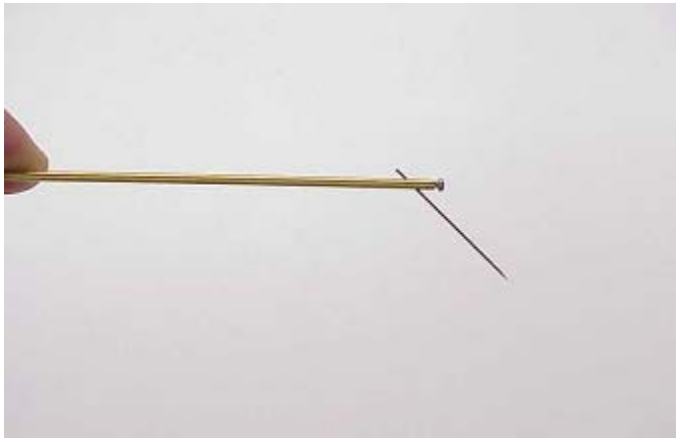
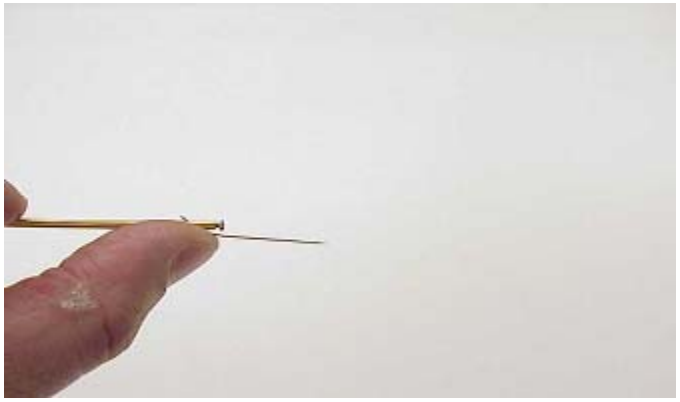
Tip bending and Probe holder bending

Tip Bending:

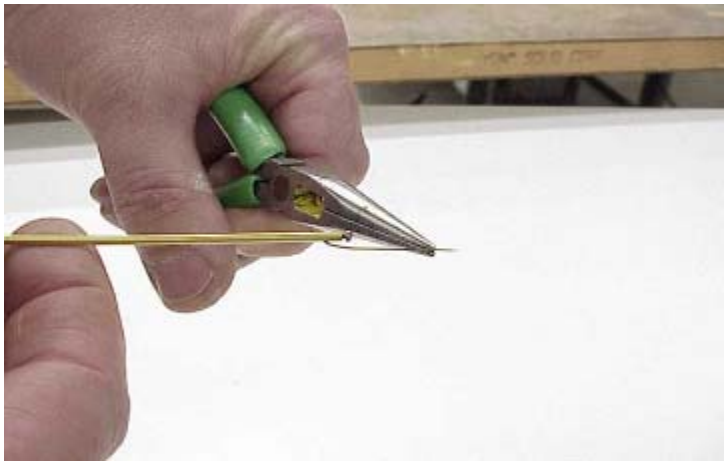
Insert tip so back end is slightly above holder



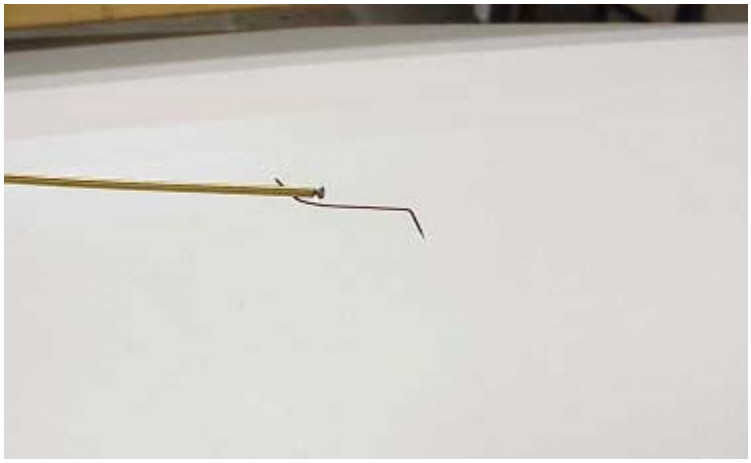
Bend near where tip come out at bottom of holder



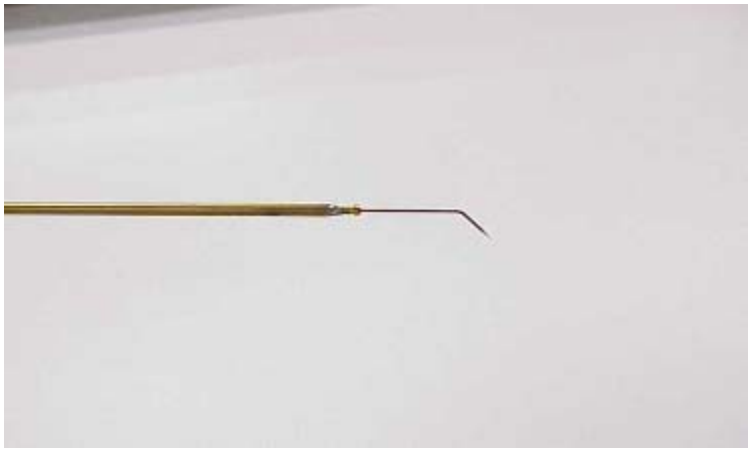
Then bend tip near end at 45 deg. Angle down



End results (the angle is a little off)

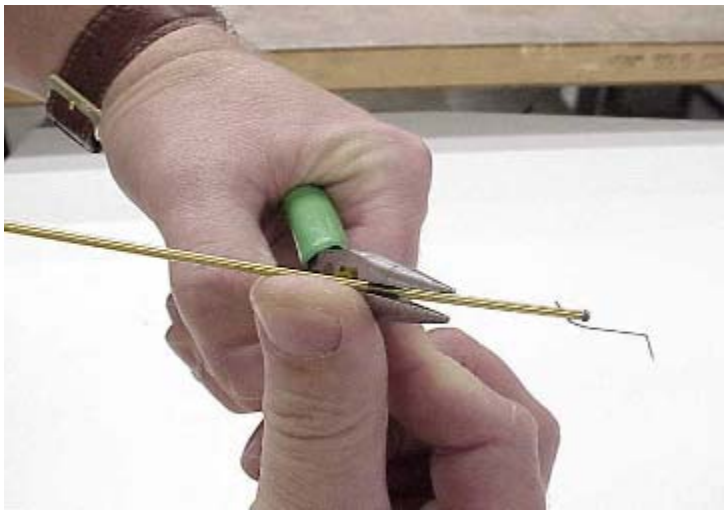


Here is tip in U-E style holder

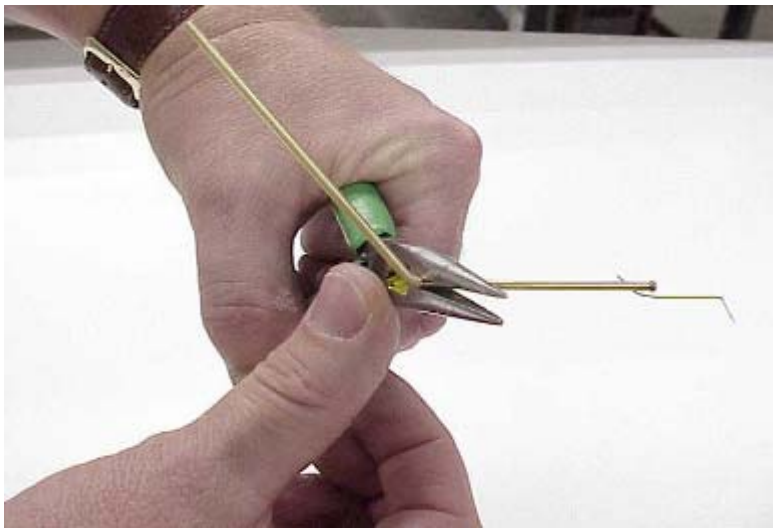


Probe Holder Bending:

Start by locating a point about 2” from the back.. This may change for different setups or smaller probe station. **Make sure the tip hole angle is correct**. This means the bottom of the tip hole is down. Sometimes it helps to place a tip into the holder first.

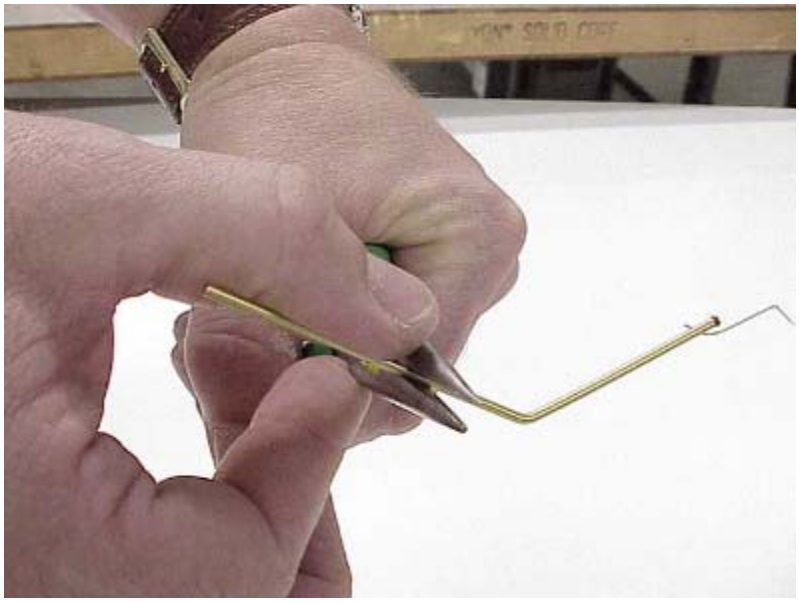


Bend the back section up to a 45 degree angle



Estimate the drop distance from the Head Assembly of the Micropositoner to a point about .1”-.3” above the sample. One method is to take the holder and hold it up to the probing area.

Start the second bend at the height desired. Bend back down so the back of holder is parallel to the front part of the holder.



The angles can be adjusted to some extent after bending. The holder cannot be bent back straight as they will break.