

# Hinges, Locketts, movement and more

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## **Tools needed for project:**

Hammer  
Bench block  
Texturing hammers if desired  
Needle nose pliers  
Bent nose  
Metal scissors or snips  
Wire cutters  
Torch  
Safety glasses  
Bucket - water  
Old Pliers - for holding metal  
Dapping block  
Disc Cutter

Materials in kit for class -  
supplied by instructor:  
24 gauge copper sheeting  
26 gauge silver sheeting  
Findings and embellishments  
16 gauge wire  
Eyelets  
Mica, paper

1. Cut 3x3 inch piece of copper into 2 matching pieces – rectangles easiest to start with
2. Anneal the metal and patina copper if desired – Heating will make the metal soft to work with.
3. Cut ¼ inch deep cuts into the edge of both copper pieces about ¼ inch or equally spaced. Make 4 cuts on each of the rectangle making 5 tabs.
4. With pliers, break off every other small tab. Break off the 1<sup>st</sup> tab, middle one and 5<sup>th</sup> tab on the hinge side, leaving 2 tabs. And the opposite side break off tabs tab 2 and 4 leaving 1,3,5.
5. Before the piece of copper is hammered to make it hard, cut a hole in one of the pieces to create a window. Use a disc cutter to create the hole, then flare it out using a dapping block. Hammer the tabs to make then work hard, using the hammer and the bench block. Also, hammer the edges to create a deckled edge.
6. Trim all the tabs so they can pass through each other with out getting snagged or caught. Tapering them at an angel works great.

7. Make the bar for the hinge with 16 gauge wire, burn balls on each end or hammer to flare ends.

8. Roll the tabs a small amount on each piece of copper, insert the wire bar. Continue rolling the tabs one at a time to ensure each will progress at the same point. Once the tabs are rolled around the bar, gently secure the tabs tightly around the bar with pliers.

I use long needle nose to begin the rolling process, but switch to bent nose. Use the bent nose to roll the tabs – Make sure you do this gradually, bending each tab to the same point to create consistency and tighten each as you progress.

9. Hanger can be made from 18 gauge with wrapped around the bar to create a loop. Hammer to make work hard and hang with 3 jump rings.