



### **Melodies in Metal**

A simple scrapbooking embosser (affectionately known as the poor man's rolling mill) is a great way to create textures on light gauge metals!

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#### **Materials**

1" x 6" 30-gauge copper blank (\*) dead soft  
1.25" x 6" 20-gauge copper blank (\*) dead soft  
(4) 1.3 mm dia. x .5" long copper nail head rivet  
(\*) see sizing formula

#### **Tools**

Scrapbooking embosser (similar to Sizzix big kit)  
Embossing folder  
Sharpie  
Tape measure  
Wire cutters  
1" chasing hammer  
Metal file  
Oval steel bracelet mandrel  
1.5 mm metal punch  
Rubber mallet  
Metal shears  
Liver of Sulfur  
Buffing block



**STEP ONE**

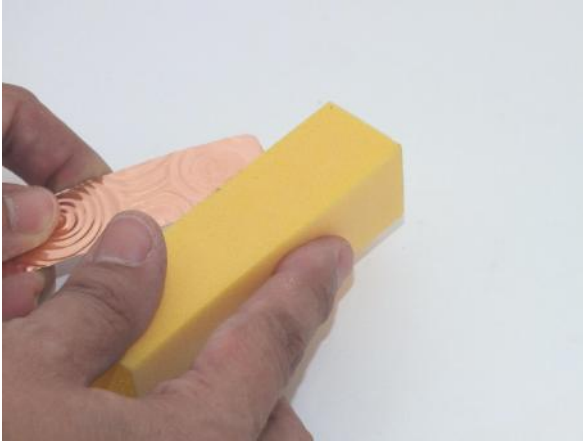
Insert 30 ga metal into the embossing folder.



**STEP TWO**

Per manufacturer's instructions, run embossing folder through the embossing machine.





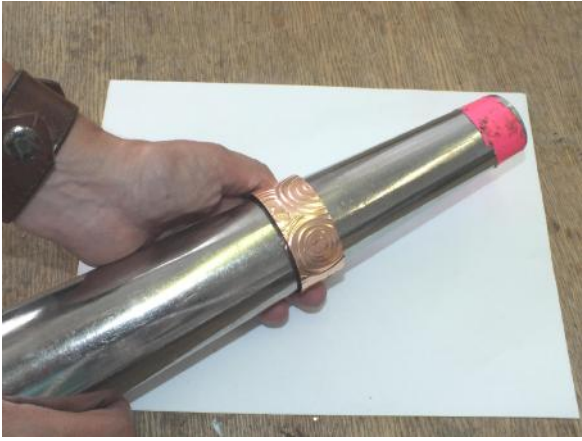
### STEP THREE

- A. Trim all four corners of the 30 ga embossed piece.
- B. File all four corners of the 30 ga embossed piece.
- C. Buff all four corners of the 30 ga embossed piece.



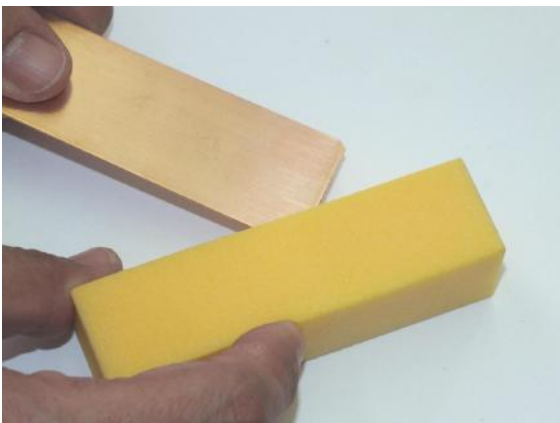
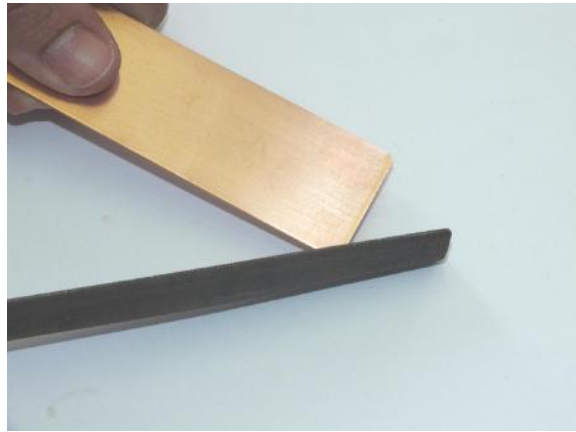
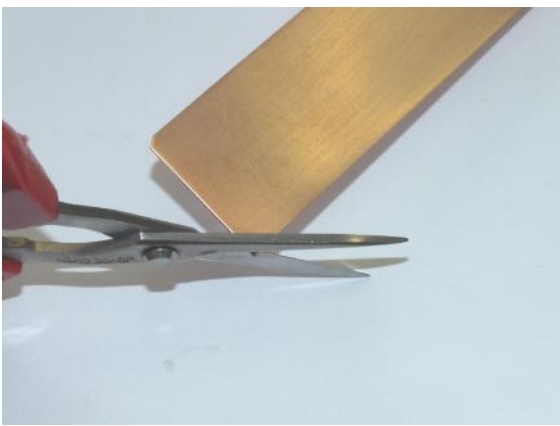
### STEP FOUR

Put pilot holes in all four corners of the 30 ga embossed piece using a 1.5mm hole punch. The holes should be a minimum of 1/8" away from any outer edge.



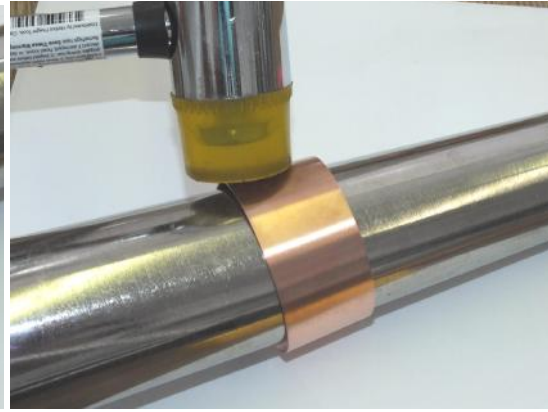
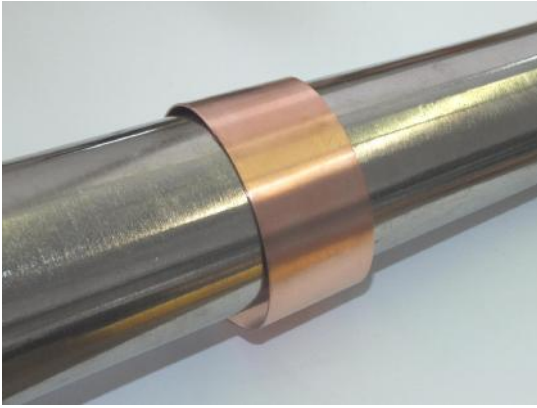
**STEP FIVE**

Form the 30 ga embossed piece around the bracelet mandrel.



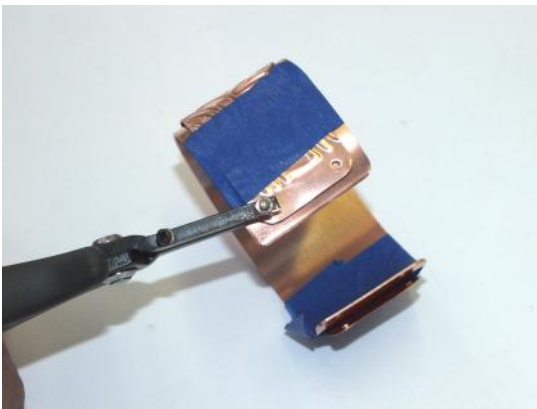
**STEP SIX**

- A. Trim all four corners of the 20 ga base piece.
- B. File all four corners of the 20 ga base piece.
- C. Buff all four corners of the 20 ga base piece.



#### STEP SEVEN

- A. Form the 20 ga base piece around the bracelet mandrel
- B. Work harden the base piece with a rubber mallet.



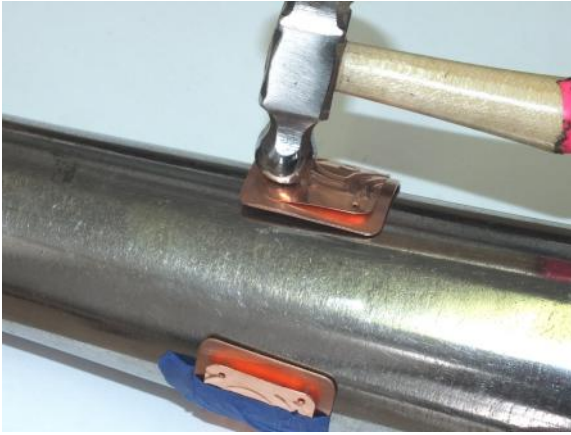
#### STEP EIGHT

Use painter's tape to hold the cuff components in place.



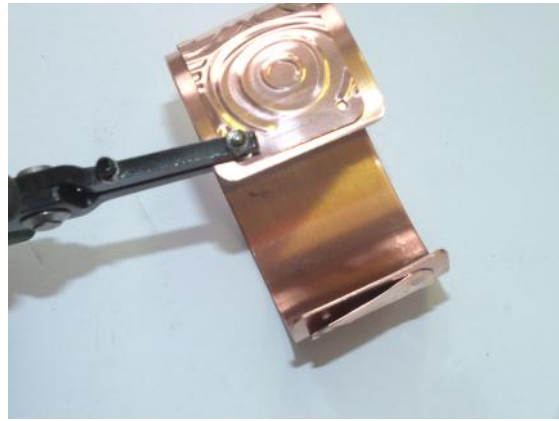
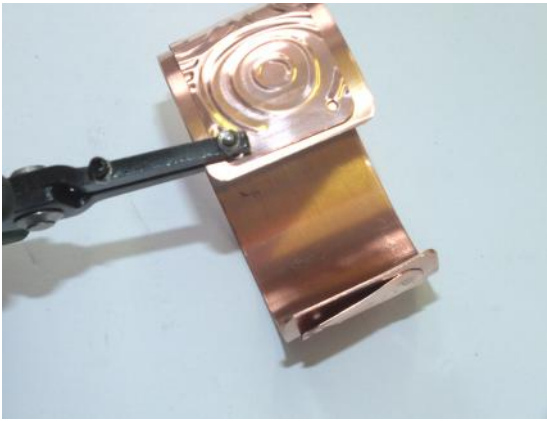
#### STEP NINE

Using the first pilot hole, punch a hole through the base with the hole punch pliers, with a 1.5mm hole. (NOTE: It is important to only punch one hole at a time. Remove any burs left by the hole punch with a file.



#### STEP TEN

Remove painter's tape on one side. Place a copper nail head rivet through the back side. Place cuff component on bracelet mandrel and trim to 1/16" (thickness of a credit card). Using the ball end of a chasing hammer, tap on the end of the rivet until it spreads out and flattens.



#### STEP ELEVEN

Remove painter's tape from the opposite side and repeat previous step diagonally on the opposite corner.



**STEP TWELVE**

Repeat the above steps on remaining two corners.

**STEP THIRTEEN**

Apply optional patina.