

**materials required:**

*have at least this amount, or more if you happen to have it on hand.*

**for bangle, hinges, texture options:**

**20 g sterling silver sheet** : recommended - 2 pieces at 4 inches by .75 inch (for a total of 8"x .75")

(note: the project image samples are approx. .75 inch wide. due to current silver prices, you may choose to do a thinner bracelet, but no thinner than 3/8ths of an inch, please. rio sells sheet mostly in 3" and 6" lengths. if you wish to minimize any extra, try purchasing [20g 1 inch sterling silver strip](#): you can order 4 inches, then cut in half lengthwise with saw or shear, giving you two 4 inch by .5 inch pieces. of course, if you are reclaiming your own silver scraps, feel free to 'roll your own', as they say. )

**18 g sterling silver wire** : 3 feet

**16 g sterling silver wire** : 6 inches

**14 g sterling silver wire** : 8 inches

**12g sterling silver wire** : 1 inch

bring any **scraps** you may have for surface texture options or bring as an option below:

**24 g sterling silver sheet** : 1 inch by 4 inches **OR**

**24g 1 inch wide sterling silver strip**: 4 inches ([rio#100398](#))

**3 mm heavy wall tubing** : 2 inches (but only sold in 12 inch lengths: [rio# 100425](#))\*

**2.5 mm heavy wall tubing** : 2 inches (same as above : [rio#100451](#))

\* as of writing, Rio was out of stock of the 3mm heavy wall tubing, but assured me they would be restocked by the end of January. i prefer the heavy wall, but if it comes down to it, substitute with this : [rio#100955](#)

*if you are totally strapped, Otto Frei sells tubing in 3 inch lengths, but you still pay a premium (i.e. 12 inches of Rio's 2.5 mm heavy wall tubing is currently \$41.36, Otto Frei's 3 inches is \$18.78. i've tried to do the research for ya!)*

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## **for stone setting**

**24g Sterling Silver 3/16" Strip**, Dead-Soft - 6 inches ([rio# 100292](#))

**24g 1 inch wide sterling silver strip**: 3 inches ([rio#100398](#))

**2 or more flatbacked cabs of your choice** (less than one inch to fit strip and smaller is easier to fit to the curve, just sayin'!))

**bezel strip** to fit the stones of your choosing

### **tools needed:**

favorite hammer/s

flush cutters

metal shears (like Joyce Chen or [Rio #111232](#) , or similar)

jewelers saw and blades (#2/o)

pliers - flat nose, chain nose, round nose

files – hand files and needle files

ruler (with mm reading helpful)

sanding sticks and/or sandpaper (220-400 grit)

cut lube or wax

*(if you are traveling, MAGG has most tools available if you wish to carry the absolute minimum of stuff.)*

### **Optional Supply List**

miter jig OR tube cutting jig with stop (like this one at [RIO](#) : item 113839)

safety glasses

magnification if required

### **additional tools/materials for virtual folks:**

soldering station (most of this project can be completed with acetylene/air or large butane torch. optional melty edges are best achieved with oxy/propane or oxy/acetylene little smith torch.)

basic hand fabrication tools, nothing too out of the ordinary is needed for this project.