

## Hinged Pendant (working title) Tools and Materials



### **Materials:**

A few notes first. For in-person classes I will bring kits with a wide variety of stones that include all the metal necessary to make the project. You are welcome to bring your own materials, but the specific dimensions of your stones may require deviating from the class plan to accommodate them. I'll bring plenty of extra metal to enable adjustments.

For online classes kits will be available on my website [www.alexboystudio.com](http://www.alexboystudio.com). Kits are not required but highly recommended as they'll keep all of us on the same page, and it's harder for me to help you improvise adjustments if your own materials differ from what I provide.

Small cab (sample piece is 15mm x 12mm)

Large tablet style stone (sample is 28mm x 22mm)

.925 strip 18 gauge slightly more narrow than tablet, long enough to wrap around

.925 sheet 20 gauge larger than tablet wrapped in strip

.925 8 gauge sheet large enough to solder bezel for cab to

.925 20 gauge strip 3mm wide x 3cm long

22k bezel strip 26 gauge long and tall enough to set cab

18k round wire 20 gauge 7mm long

22k round wire 18 gauge enough to make prongs for tablet

Hard silver solder

18 yellow hard solder

### **Tools (with hyperlink to example):**

A few notes about the tools. These are all the tools I use in the PDF that accompanies this class to make this project. There are many workarounds if you don't have all these tools. The links provided are just examples of the tools used. There's a wide range of price and quality for almost everything here. If this will be an in-person class I'm happy to share my tools with anyone who doesn't have what they need. If you have any questions please don't hesitate to email me at [alex@alexboystudio.com](mailto:alex@alexboystudio.com)

[Half-round pliers](#)

[Chain nose pliers](#)

[Round/flat pliers](#)

[Flush cutters](#)

[Parallel pliers](#)

[Scribe](#)

[Saw frame](#)

[2/0 Blades](#)

[6/0 Blades](#)

[Titanium solder pick](#)

[Flux](#)

[Needle-tipped bottle](#)

[Torch](#)

[Solder block](#)

Pickle

Steel wire bird's nest (will make in class)

#2 cut barrette hand file

#4 cut barrette hand file

#2 cut needle file set

#5 cut needle file set

Planishing hammer

Riveting hammer

Bench block

Sandpaper 180, 320 and 600 grit

Something to use for sanding sticks

3M Bristle discs

.6 mm drill bit

1mm drill bit

1mm krause bur

Dividers

2 1" square pieces of 18 gauge copper or brass

Pin vise

Pumice wheel