

RESOURCE LIST For Artful Chain and Clasp

copyright Tonya Davidson:

These are tools and supplies I personally use and prefer. You do not need all of these tools for this class, but I like my lists to be comprehensive so that you will have the info in case you want to buy them later. You will have the exact list of tools and supplies I prefer. I sold tools and supplies for 10 years and have taken over 175 workshops so these are my accumulated preferences.

Metal:

Sterling Silver: scrap, wire in 12-22g, dust, sheet in 20-22g
Sterling Square Wire 2mm x 1mm

Layout and General Tools:

Dykem Brite-Mark Medium Tip Dye Marker in Blue (available at Amazon) or the liquid version

6" stainless steel ruler and a 6" plastic bendable ruler with grid lines (my fave)

Machinist L Ruler (I really like the Zona L Ruler and the traditional L square)

Scribe (I love the Swiss ones from Rio Grande 118455) or the Vinyl Weeding tools on Amazon (my preferred scribe)

Digital Caliper - buy a very good one. I recommend the IP54 silver "electronic vernier caliper" available on Amazon by various brands (repackaged). The "IP54" is stamped on the actual caliper next to the thumb screw.

Starrett Toolmaker's Spring-Type Dividers or the tungsten carbide ones from Otto Frei 135.081

A saw (Green Lion from Otto Frei 149.695) or Knew Concepts, or hand shears (Hidatool.com Chikamasa T-600 Mighty Shear)

Saw Blades 2/0, 3/0, 5/0 by Super Pike (149.SUPERPIKE at Otto Frei) or Nano (Pepe Tools).

Soft Brass Brushes (Allcraft's plastic handled ones are my fave along with Otto Frei 116.311)

Cut Lube for lubrication (both the stick and liquid are helpful in the studio) Otto Frei 121.095

Fine tweezers

Titanium tweezers and Titanium Pick for Fusing (Pepe Ergo Pick and MicroMark for Titanium Tweezers) - these are a must have in my opinion

Copper tweezers for pickle removal

Bench Pin (recommend Flow Studio Supply on Etsy \$25 fits your GRS bench mate system - tell them I sent you and then using your files modify the edges)

Ring Clamp - I love the silver one by Kirkland carried at Otto Frei 148.210 and Rio Grande for holding while sanding and filing

- or -Assorted Pliers or the Knipex Wrench 86 03 125 which is my absolute fave for holding things.

Assorted pliers. If you are making the paper clip chain you'll need a nice assortment of round nose and you'll also need opening tools or an oval chain mandrel.

Miter Vise Jig - buy a good one not the cheap ones or be prepared to replace it in a couple years Otto Frei 126.487 or 126.485

Firing and Fusing:

Torch for fusing - I prefer the Swiss Torch for everything except granulating and reticulating. However the next best torch is the Little Smith or the Meco Midget. Invest in the syringe tips for the Swiss as well as the 3 regular tips.

Corderite boards 718-788-5533 the 7012 or 7011 \$100 min for fusing or reticulation (you could do a group buy with the class if you wanted)

Silquar Boards for fusing and normal soldering 154116 Otto Frei

High density pottery fiber blanket (your local pottery store or amazon - get the 2300F + thicker blanket not the lampwork glass blanket)

Nickel sewing pins or t-pins

Ph- or PH down for pickle (6oz to 2 cups)

Mr Coffee filters for your pickle pots (Walmart/Target)

Stainless Steel tea strainers for pickle pot and shot balls

Otto Frei 1000ml beakers with lid for pickle

Cast Iron Double Hot Plate by Farberware (Walmart)

Prips Flux or Smart Flux if you can't find Prips

Sanding/Finishing:

Mask- I love the 3M Aura Particulate Respirator 9211+/37193(AAD)

N95(available at Amazon) or the RZ Mask

Foredoms (SR and LX for Hammer Handpiece operations or stone setting where you need more torque and less speed)

Belt Sander by Ikohe

Silicone Polishers Top Star Swiss or Edenta or Shofu Polishers

Assorted Hand Files and Needle Files

Sanding Sticks (220, 320, 400, 800 or similar grits)

Tungsten Carbide Burnisher for your Foredom (Busch Carbide Polishers - bullet or cone shape from Otto Frei)

AdvantEdge Tungsten Carbide Burs – I like the 346-104 or 346-108 or 346-110 available from Rio for adding detail to the edges of your work (you want the fine or extra fine)

Clasp:

Earth Magnets from Amazon “Magnets 4x2mm 200pcs Mini Magnets Small Magnet Tiny Magnets Miniature Magnets Little Magnet Small Round Magnets, Tiny Magnets for Crafts,magnit,Mini Magnets for Crafts”

Save money with the following discount codes:

1) Pepe Tools has offered all members and my students 10% off with code:
TONYA10

2) Otto Frei has offered 6% off any order of \$100 or more with code: TODAZ6

3) Rio Grande has offered us their student code. There are a few more steps to the process but here is the link: <https://www.riogrande.com/landing/loyaltyprogram>

Your student code is: RFSTDAVI