

Tools for Blanking Dies and Pattern Development Workshop to be Supplied by Student

A computer, phone or tablet to use the free Zoom app for class. An additional device (capable of accessing the Zoom link) and [holder](#) to position it over your work space allowing the instructor to see your work.

[Bonny Doon Hydraulic Press](#): Rio Grande

Or: [Harbor Freight bench press](#): Harbor Freight

Or [large bench vise](#): Harbor Freight

If using a bench vise to blank out dies you will need two 1/2" thick pieces of cast acrylic at least 4" x 4" to sandwich your die to protect it from the jaws of the vise: [Tap Plastics](#)

You will also need a length of pipe at least 18 inches long that can fit over the end of your vise handle for leverage: Hardware store, or an aluminum baseball bat with the end of the handle cut off.

[Flexible shaft](#): Rio Grande - Or [Dremel](#): Home Depot

[Center punch](#): Rio Grande - Or [1.5mm ball bur](#): Rio Grande

[Dividers](#): Rio Grande

[Bur life](#): Rio Grande

[Drill bits](#): #58 or #60, Rio Grande

[6" deep saw frame](#): Rio Grande

[Flat or half round hand file](#), #0 or #1 cut, Rio Grande - or [Heatless Wheel](#), or belt sander

[Needle file Set](#) : Rio Grande

[Snap-on-disc](#): Rio Grande

[Snap-on-disc mandrel](#): Rio Grande

Metal: Copper and/or brass, 22 gauge or thinner to use with blanking dies 1/32" thick, 18 gauge or thinner to use with blanking dies 3/64" thick: [Copper](#) - [Brass](#)

Shears like [Joyce Chen Shears](#) to cut thin metal: Amazon or Kitchen store

Rubber cement or [Scotch Permanent Glue Stick](#) - Office supply store like Staples or Amazon

Scissors - Office supply store like Staples or Amazon

Ruler - Office supply store like Staples or Amazon

Paper, including tracing paper and white printer/copier paper.

Drawing materials including rulers, Sharpie markers, pencils and erasers, drafting compass, and plastic circle and oval templates.

Apron

Dust mask

Safety Glasses and eye magnification if needed.

Optional:

Silver or gold sheet: 22 gauge or thinner to use with blanking dies 1/32" thick – 18 gauge or thinner to use with blanking dies 3/64" thick

Silver or gold wire for finished pieces - assorted gauges. I use 20 gauge for ear wires.

[Wolf Wax High Speed Cylinder Bur](#): Rio Grande - 25mm x 6.3mm, 25mm x 4.7mm, 25mm x 3.3mm

[Wolf Clay](#): A change your life positioning clay for soldering. Jayne can add to your kit, or you can order from Kate Wolf:

Additional saw blades 2/0 or 3/0,

[Super Pike Saw Blades](#): Otto Frei

[Pike Platinum Saw Blades](#): Otto Frei

You will receive 2 dozen of each brand in your kit, but you may want more!