

## Supply List

### Hydraulic Press: Fundamentals and Creativity

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I want you to know that I am very excited to spend a week together exploring the hydraulic press and all we can do with it. It will be a fun, relaxing, exciting, and productive week. We will be working with several different tools and techniques, all requiring various sizes and gauges of metal. I have listed this info below to help you understand, and while it would be easiest for you to have larger sheets of metal to work from, bring any scrap pieces of sheet as well that will work with the parameters below. I will have extra for you in case, and I can always pick up what we/me/you need during the workshop at JFF Jewelry Supply on Buford Highway.

>>>>> I will have everything we will need, other than your sheet metal, to have a awesome workshop. Spruill has all the tools and equipment we need. I will have a ridiculous amount of copies and info for you. I will also have round stones, bezels cups, heavy wall tubing and czs for purchase if you have a need or want, as well as 18g to 10g red brass wire. And, I will have my excitement and knowledge with me :)

#### WHAT YOU NEED TO BRING:

**1. 20g, 22g and 24g Sheet - Ideal: 12" x 12" or 6" x 12" pieces of each gauge, and please refer to general blank sizes (on the next page) for specific amounts needed for bracelets, silhouette dies, embossing and pancake dies**

These metals can be purchased from JFF, Rio Grande, and Metalliferous.

**2. A notebook and/or camera for notes and photos for your later reference**

**3. "Hydraulic Die Forming for Jewelers & Metalsmiths" by Susan Kingsley.**

This is still THE book for reference for anyone who works with, but especially OWNS a hydraulic press. There will be 2 copies available in the classroom for you to check out, so you DO NOT NEED TO BUY THIS SPECIFICALLY for the workshop but I highly recommend you buy a copy for later study and reference. Rio Grande has it at its cover price, unlike Amazon.

<http://www.riogrande.com/Product/Hydraulic-Die-Forming-for-Jewelers--Metalsmiths,-Book/550661?Pos=1>

**4. Any tools, metals, stones, etc. that you want to have with you**

## Metal info:

- \* **Sterling silver**- Ideal! Buy by the blank size due to cost
  - \* **Double Clad Silver Filled**- the look of silver without all of the cost
  - \* **Red Brass** (aka: Nu Gold, Jeweler's Brass, Dix's Gold) - makes lovely gold bracelets, and nice to work with!
  - \* **Commercial Bronze**- warmer color than red brass, nice to work with
  - \* **Nickel** - very hard like yellow brass, takes a great polish, but not recommended for anyone that cannot or dislikes swinging a heavy hammer in any gauge, is a skin allergen to some
  - \* **Copper** -soft, ideal for test or samples, not for finished work due to skin discoloration
  - \* **Yellow Brass**- very hard and problematic with soldering with silver
- \* **NOTE:** *Any of our jewelry/metalsmithing metals can be used in the hydraulic press, including any sterling alloys and copper alloys. Also aluminum, anodized or plain, can be used in the press as well, but remember it can not be traditionally soldered.*

### **General Blank sizes for use in synclastic and anticlastic freeform bracelet kits:**

1 3/4" to 3 1/8" width x 6" to 8 1/2" length- synclastic

3/4" to 1 1/2" width x 6 to 8 1/2" length- anticlastic

### **General Blank sizes for use in steel silhouette dies:**

2" x 2" round

### **General Blank sizes for use in hand made silhouette dies:**

depends on design, but I will have acrylic and lexan squares up to 4"x 4", which requires 18g or 20g yellow or red brass or nickel "face plates" on one or both sides of the die

### **General Blank sizes for use in embossing plates:**

jewelry scale and up to 6" x 8"

### **General Blank sizes for use in pancake dies:**

Based on the pancake dies, and the largest shape I have requires a 2" x 1 3/4" piece of metal