

## Materials/Tools used by instructor/Genevieve Flynn

I use Il Maestro's chasing tools. This doesn't mean that you cannot achieve the same results using other chasing tools. You may have to experiment with them to see how they work.

I DO HAVE IN STOCK A FEW SETS OF THESE CHASING TOOLS. YOU CAN ORDER DIRECTLY FROM ME OR FROM FABRIZIO ACQUAFRESCA. THERE ARE NO DISCOUNTS.

The information below allows you to order tools directly from Il Maestro Acquafresca.

**Chasing Tools by Il Maestro Acquafresca set of 20.  
approximately \$600.00 plus shipping**

**Email:** ilmaestroacquafresca@gmail.com

**Website:** <http://www.acquafrescafirenze.com/chasing-tools>.

Included with the set of chasing tools is an 8" x 8" square of pitch

- 3-round large, medium, small
- 3-curved large, medium, small
- 3-straight large, medium, small
- 3-square. Large, medium, small
- 2- texture Square and lined
- 3-point. Large, medium, small points
- 1 - pitch block with black pitch

### You will need the following items to work

FIRST AND FOREMOST YOU SHOULD HAVE AN ADJUSTABLE HEIGHT CHAIR AS WELL AS STURDY DESK THAT DOES NOT MOVE OR BOUNCE WHEN HAMMERING. NO CARD TABLES!!!!

- 1 - sheet of carbon paper from an office supply store
- 1 - project design I have supplied the design used in this demo
- 1 - Scotchbrite pad Home Depot, Loews or any hardware store and possibly the grocery store
- 1 - square of shelf liner (this can be rubber carpet pad as shown at the bottom of the list or possibly find this in the kitchen shelf liner area. It is not paper)

**Task light** or good lighting

**Fine tip Sharpie**, any color, and a pencil

**Notepad** for taking notes

**Scissors**

**Chain nose/flat nose** pliers either work

**Ear plugs** or noise canceling head set (Harbor Freight carries a head set that runs around \$20)

**Heat sources:**

## Heat gun

OR

**Acetylene/air torch** with a number 3-4 tip, oxy/acetylene will work but use a large tip

OR

Any oxy/acetylene, or propane torch will work. You just need to keep the flame bushy so it does not burn the pitch immediately

**Leather gloves** that fit your hand. Just inexpensive leather work gloves.

## Apron

**Cheap steak knife**, make sure there is some serration on the edge

Bvny

Long nose plier, cheap from the hardware store this will be used to pry out the metal from the pitch

The link below is from Home Depot

<https://www.homedepot.com/p/Stanley-5-in-Needle-Nose-Pliers-84-096/203901935>

**Mineral spirits**/Small can available at any hardware store in the paint department

**Glass** lidded container to put the spirits into. This will be used to remove the pitch from the copper or metal plate. It is less toxic than burning it off and can be used over and over again.

**Old towel** never to be used for anything but your repoussé work

**Pickle pot with Sparex** *Called a pickle pot in the metals world. I use an inexpensive crock pot, large, with 2 tablespoons of Sparex #2 in water filled within 1" of the edge of the pot.*

**Water source** such as a sink to cool the pitch and rinse the metal

**A cookie sheet** to lay metal on to burn the pitch off if doing this process. THE COOKIE SHEET SHOULD BE SUPPORTED UNDERNEATH WITH ON A STAINLESS TABLE TOP OR ON TOP OF SOFT FIRE BRICKS.

***A GOOD EXHAUST IS NECESSARY WHEN BURNING THE PITCH OFF!!! The fumes are toxic. OR TAKE IT OUTSIDE AND DO THIS.***

**Rio Grande website.**

<https://www.riogrande.com/product/forming-sand-bag-square-10/112044>

## Sand bag

#112044 10" diameter leather metal forming sandbag  
(Catalog page: 2020-2021 Tools and Equipment Catalog p.166)

\$20.48

## Copper Sheet

#132122. 22 gauge 6" x 12" dead soft (pack of 2) \$20.00  
Please anneal your metal before transferring your design onto the metal.

PLEASE KEEP IN MIND THAT WHEN I LISTED THESE ITEMS THE PRICES WERE AS REFLECTED HERE. PRICING CHANGES MAY AND WILL HAPPEN

### **Pitch Bowl**

These numbers are from Rio Grande.

<https://www.riogrande.com/product/pitch-bowl-7-dia/118005>

#118005 7 1/2" diameter cast iron bowl \$20.99  
(Catalog page: 2020-2021 Tools and Equipment Catalog p.182)  
<https://www.riogrande.com/product/pitch-bowl-7-dia/118005>

### **Pitch**

Please let me know upon signing up for the class if you will be purchasing a pitch bowl and pitch. I can send you directions on how to fill it and not use as much pitch that is generally required to fill a bowl. I think you can purchase one block of pitch and it will be plenty.

I prefer working in the black pitch which I purchase from Italy. Il Maestro Acquafresca supplies pitch blocks as well at the cost of \$60.00 when purchasing separately from the chasing tools

**Rio Grande** has a black German pitch of which I think might be comparable. However, you are free to use whatever you prefer. Rio has several types. I would read and see which is a medium range softness. Some are harder and some are softer.

German Black Pitch \$48.30  
<https://www.riogrande.com/product/german-black-pitch-2kg/118262>

(Catalog page: 2020-2021 Tools and Equipment Catalog p.182)

Medium Red Chaser's Pitch \$23.09  
per 2.1 lbs bag

#118265  
[riogrande.com/product/medium-red-chasers-pitch/118265](https://www.riogrande.com/product/medium-red-chasers-pitch/118265)

### **Chasing Hammer**

You can purchase a lesser expensive hammer or you can purchase a very good quality hammer.

I would suggest a 4 - 4.5 oz hammer weight. The lighter the hammer the harder you have to hit.

The 6 oz hammer would be for someone that cannot hit hard but remember it is heavier and your arm will wear out quickly because of the weight and the constant tapping. This is a personal choice!

### **The numbers listed are from Rio Grande.**

#112604 Picard Chasing Hammer 4.5 oz 26mm face diameter \$61.94  
<https://www.riogrande.com/product/picard-chasing-hammer-4-5-oz/112604>

German made chasing hammer  
(Catalog page: 2020-2021 Tools and Equipment Catalog p.150)

**#112622**

Picard Chasing Hammer 6 oz. 30.00mm face diameter \$67.19

<https://www.riogrande.com/product/picard-chasing-hammer-6-oz/112622>

German made chasing hammer  
(Catalog page: 2020-2021 Tools and Equipment Catalog p. 150)

**#112227** Chasing Hammer 4 oz weight 28.6mm face diameter \$10.50  
<https://www.riogrande.com/product/chasing-hammer/112227>

(Catalog page: 2020-2021 Tools and Equipment Catalog p.150)

**#112230** Chasing Hammer 6 oz. weight 31.8mm face diameter. \$11.39  
<https://www.riogrande.com/product/chasing-hammer/112230>

(Catalog page: 2020-2021 Tools and Equipment Catalog p.150)

**#112429** Del Ray Deadblow mallet, 9 oz \$14.79  
<https://www.riogrande.com/product/del-rey-deadblow-mallet-25mm/112429>

(Catalog page: 2020-2021 Tools and Equipment Catalog p.154)  
Leather or plastic mallet. If you already have one don't buy it!

**Scissors**

**Chain nose/flat nose** pliers either work

**THESE PRICES AND IMAGES WERE PULLED DIRECTLY FROM RIO GRANDE'S WEBSITE. PLEASE BE AWARE THAT THE PRICING HAS CHANGED SINCE THE CREATION OF THIS DOCUMENT.**

Through my experience I have figured out what works best while doing my repoussé work I found that most stools or chairs did not give me the type of support I wanted or needed. I finally landed on the GRS Engraving system. It is designed specifically for the jewelry and hand engraving industry.

The GRS system has alleviated any back and shoulder problems I was experiencing while working at my bench with a stool as my chair. You do not NEED to use these items, just make sure you have an adjustable stool/chair so that you are not hunched over your desk or reaching to high when working.

It is available through GRS directly located in Emporia, KS or through Rio Grande of which I have provided the links for each of the items shown



IN STOCK

## GRS® BenchMate® Mounting Plate

Item #: 118126

- Brand : GRS • Model or style no. : BenchMate
- Weight : 11.482 ounces (325.517g)

**\$21.25**  
 priced individually  
 ★★★★★ 5  
 13 Reviews  
[Write a Review](#)  
 ✓ 100%  
of respondents would recommend this to a friend

Qty (Each)

Quantity (EA)	Price
1 and above	

<https://www.riogrande.com/product/grs-positioning-vice-shelf/118063>



IN STOCK

## GRS® Positioning Vice Shelf

Item #: 118063

- Brand : GRS • Dimensions : 7"W x 7"D x 7"H
- Weight : 6.539 lbs (2.966kg)

**\$91.50**  
 priced individually  
 ★★★★★ 0.0  
 No Reviews  
[Write the First Review](#)

Qty (Each)

Quantity (EA)	Price
1 and above	<b>\$91.50</b>

<https://www.riogrande.com/product/grs-block-vice-shelf-support/113653>  
<https://www.riogrande.com/product/grs-benchmate-mounting-adapter/118177>  
<https://www.riogrande.com/product/grs-benchmate-mounting-plate/118126>



IN STOCK

## GRS® BenchMate® Mounting Adapter

Item #: 118177

- Brand : GRS
- Dimensions : 6"W x 3-1/4"D x 1-3/4"H
- Model or style no. : BenchMate
- Weight : 28.112 ounces (796.967g)

**\$32.95**  
 priced individually  
 ★★★★★ 5  
 9 Reviews  
[Write a Review](#)  
 ✓ 100%  
of respondents would recommend this to a friend

Qty (Each)

**Electric engraver.** This can be purchased from the hardware store or possibly Harbor Freight OR you can use a scribe (This will be used to trace over your carbon paper transfer).



IN STOCK

# GRS® Block Vise Shelf Support

Item #: 113653 

- Brand : GRS
- Model or style no. : 003-649
- Weight : 5.11 lbs (2.318kg)

## \$103.95

priced individually

 0.0 No Reviews [Write the First Review](#)



**Electric engraver.** This can be purchased from the hardware store or possibly Harbor Freight



Roll over image to zoom in

The Original Easy Etcher - Includes 10 Stencils - Portable Precision Engraving Pen - DIY Engraving Tool - Electric Engraver Etching Craft Scribe - Jewelry, Metal, Glass, Leather, Wood Carving Tools

[Visit the Tidalpool Store](#)

★★★★★ 604 ratings

**Amazon's Choice** for "glass engraver"

Price: **\$22.99** ✓prime FREE One-Day & FREE Returns

- The Easy Etcher is a portable engraving tool that lets you customize everyday objects to create one-of-a-kind, personalized accessories and gifts.
- Works with precision and comfort on nearly any surface – including glass, metal, wood, plastic, leather, jewelry, and much more!
- Improved high performance 12,000 RPM motor to provide better control

OR you can use a scribe (This will be used to trace over your carbon paper transfer.

The one I use is from Amazon and it can be purchased by cutting and pasting this link into your browser

[https://www.amazon.com/gp/product/B07SCVMXDH/ref=ppx\\_yo\\_dt\\_b\\_asin\\_title\\_o04\\_s00?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B07SCVMXDH/ref=ppx_yo_dt_b_asin_title_o04_s00?ie=UTF8&psc=1)



Roll over image to zoom in

# USB Rechargeable Engraving Machines With 35bits,Mini Electric Engraver Etching Pen Cordless Rotary Tools Engraved Jewelry Glass Wood Stone Metal Plastic

Brand: VQVYBXN

★★★★☆ 640 ratings

| 24 answered questions

\$28<sup>98</sup>

& FREE Returns

Tools-And-Equipment/ Magnifying-And-Optical/ Magnifiers/ Visors



IN STOCK

## Donegan OptiVISOR® with #4 Lens, 2X

Item #: 113206

- Brand : Donegan
- Magnification/Reading Powers : 2X
- Focal length : 10" • Type : Visor
- Weight : 0.567 lbs (0.257kg)

Select magnification power

1.5X 1.75X 2.5X 2X 2.75X 3.5X

power

Qty (Each)

\$43.50

priced individually

★★★★☆ 4.7

3 Reviews

[Write a Review](#)

100%

of respondents would recommend this to a friend

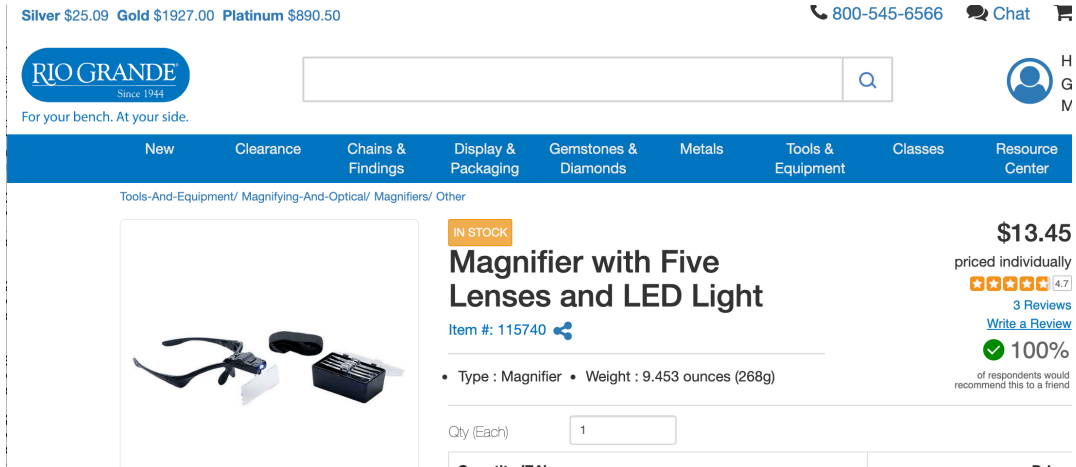
OR YOU CAN CHOOSE THE ONE LISTED BELOW OR WHAT YOU LIKE THE BEST!



**Magnification**, Optivisor (shown below) or reading glasses, whatever works for you.

The second magnifier is a lesser expensive product of which I have not used. I prefer to use the Donegan Optivisor

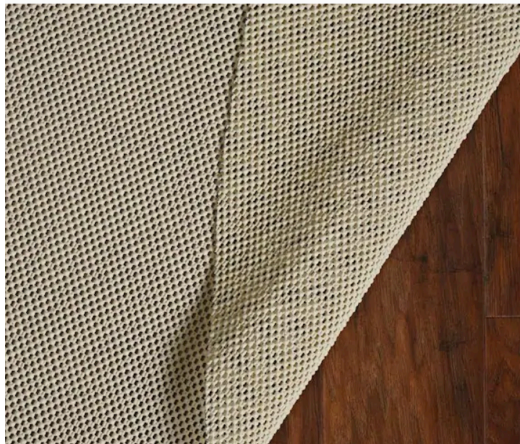
The image below is the magnifier I wear on a daily basis for working. You can choose more powerful magnification or less powerful. I suggest that you call Rio Grande and ask the Tech Department about this.



The screenshot shows the Rio Grande website's product page for a magnifier. At the top, there are price options for Silver (\$25.09), Gold (\$1927.00), and Platinum (\$890.50). The website's logo, 'RIO GRANDE Since 1944', is on the left, and a search bar is in the center. A navigation menu includes categories like 'New', 'Clearance', 'Chains & Findings', 'Display & Packaging', 'Gemstones & Diamonds', 'Metals', 'Tools & Equipment', 'Classes', and 'Resource Center'. The product 'Magnifier with Five Lenses and LED Light' (Item #: 115740) is featured, with a price of \$13.45, a 4.7-star rating from 3 reviews, and a 100% recommendation rate. The product image shows a magnifying glass with a black handle and a small black box containing lenses.

<https://www.riogrande.com/product/magnifier-with-five-lenses-and-led-light/115740>

<https://www.riogrande.com/product/donegan-optivisor-magnifiers-with-single-lens/113199gp>



YOU SHOULD B E ABLE TO FIND SOMETHING SIMILAR AT THE HARDWARE STORE OR A CRAFT SUPPLY STORE. THIS MERELY A SHELF LINING PRODUCT.  
**FIBER SHELF LINING MATERIAL**



