

# Stone Carving at the Bench Materials and Tools List

## Materials:

- Stones to carve** (I recommend using glass cabs from amazon for practice before working with your good stones)
- Gold or Silver Leaf**
- A Material to laminate with** (Like shell veneer)

## Tools:

- Flex Shaft**
- Basic Hand Tools** (Round, flat nose and half round pliers, snips/flush cutters, jewelers saw, 2/0 saw blades)
- Diamond Carving Bits** (More explanation below)
- Diamond Separating Disc** (BD10 from Lasco)
- Tripple Ripple Drill Bits** (.75mm, 1.1mm, 1.4mm, 1.8mm, 2.1mm)
- Felt Bits** (Bullet and Knife Edge, One each or each of the diamond grits)
- Diamond Powder** (1200 grit and 50,000 grit, one 5ct. vile each)
- Vaseline**
- Hxtal** (Two Part Epoxy)
- Small ruler**
- Calipers**
- Dividers**
- Bezel mandrel** (Standard round)
- Separating Disc and Screw mandrel**
- Snap-on sanding discs and mandrel** (Med or course recommended)
- Green Floppy Shofu wheel** ([Rio Grande link to Shofu wheel](#))
- Glass Dish with Flat Bottom** (Sized to hold water with a flat bottom when we drill stones)
- Sharpie Markers** (Fine and Extra Fine Tips)
- Small paintbrushes** (Cheap!)
- Toothpicks**
- Q-Tips**

**It is not required to have all these tools and materials for class time.** During the workshop I will be demonstrating a few of the different shapes and what I do with the many options for diamond carving bits. I recommend waiting to order bits to see how want to experimen. If you want a selection for the class, I recommend getting **the 200, 400 and 600 grit of the B20 and B50 Ball Burs, the D40 bit (only comes in 150 grit), the TR100 bit.** Feel free to email me if you have any questions about the supply list, [ryangardnerdesigns@gmail.com](mailto:ryangardnerdesigns@gmail.com).

## Suppliers:

Diamond bits, felt bits and diamond powder

Lasco Diamond Products 818-882-2423 [www.lascodiamond.com/products](http://www.lascodiamond.com/products)

It is much easier to call and order than to order through their website

Hxtal His Glass Works [www.hisglassworks.com](http://www.hisglassworks.com)

Diamond Drill bits Santa Fe Jewelers supply [www.sfjs.net](http://www.sfjs.net)

Shell Veneer [Morningcalm.info](http://Morningcalm.info) **Allow time for shipping as it is coming from South Korea.** Shell veneer in a limited supply is available on amazon but it is more expensive. Any style of shell is up to you. **Order the non-coated veneer.**