

D Wunder Material & Supply 2025

Attach, Fit and Fasten: Making Bracelets the Wunder Way

This workshop will be presented in demonstration style. Participants watch and listen however don't actually have to engage in any metal work during the sessions. There will be plenty of discussion and those viewing are encouraged to ask questions and interact. Workshop sessions will be recorded so there will be opportunities for review. If you have any questions after the workshop please contact me at: wunderdoug@gmail.com

Material and Supply List

Note: The items on the Materials and Supply List will be used and demonstrated throughout the workshop. In many situations these items below can be interchanged and substituted. If they are not owned or available it is optional to purchase. **I suggest waiting to buy any of the following until after viewing the entire workshop.**

Note: Some of these items can be obtained through other sources. The included sources and item number are provided for ease and to simplify ordering.

- 6"x12" Sheet, titanium 22GA. Reactive Metals.
<https://www.reactivemetals.com/titanium>
- 1' Half Round Wire, sterling silver, 12ga. Rio Grande: Item #100412
- 1' Round Wire, Niobium, 22ga. Reactive Metals:
<https://www.reactivemetals.com/niobium>
- 1' Heavy Wall sterling silver tubing OD.101" . Rio Grande: Item #100451
- 1' sterling silver tubing ID .043" . Rio Grande: Item #100099
- 2"x2" 20 Ga. sterling silver sheet.
- 1"x1" 24 Ga. Sterling silver sheet
- 3"x2" 18k Gold on Sterling Silver Bi-Metal Sheets
- (Optional) [https:// shinebimetal.com/](https://shinebimetal.com/)
- Bag of 100 1mm sterling silver crimp beads hole size .044". Rio Grande: Item #693233
- Bag of 100 2mm sterling silver crimp beads hole size .044". Rio Grande: Item #693394
- 4 dozen .02 saw blades "Laser Gold". Rio Grande: Item #110306

- Easy silver solder, 3" 20 ga wire. Rio Grande: Item #101100
 - #72 Drill Bits, (High Speed Twist Drills). 10 per pack. Rio Grande:
Item # 349431
 - #61 Drill Bits, (High Speed Twist Drills) 10 per pack. Rio Grande:
Item #349420
 - #60 Drill Bits, (High Speed Twist Drills). 10 per pack. Rio Grande:
Item #349419
 - #61 Drill Bits, (High Speed Twist Drills). 10 per pack. Rio Grande:
Item # 349420
 - #58 Drill Bits, (High Speed Twist Drills). 10 Per pack. Rio Grande:
Item #349417
 - #57 Drill Bits, (High Speed Twist Drills). 10 Per pack. Rio Grande:
Item # 349416
 - 1 Pack of 1.8mm cup burs. Rio Grande: Item # 342265
- 1 Pack of 1.6mm cup burs. Rio Grande: Item # 342263

Equipment and Tool List

Note: The items on the Equipment and Tools List will be used and demonstrated throughout the workshop. In many situations these items below can be interchanged and substituted. If they are not owned or available it is optional to purchase. I suggest waiting to buy any of the following until after viewing the entire workshop.

- Mini Drill Press. Rio Grande: Item #330012
- Cup Bur Set. Rio Grande: Item #342626
- Propane Torch or any Torch Set-Up. Home Depot Model #333084
- Solder station set up
- Polishing Cabinet. Rio Grande: Item #336130
- Loose-Weave Coarse Muslin Buffing Wheel. Rio Grande: Item #330522
- Rio Quick Finish Cutting Compound, 400 Grit. RioGrande:#331144

- Micro Anodizer. Rio Grande: Item #335250

- Multi-Etch <https://www.multietch.com/>
- Pyrex Beaker, 1,000ml. Rio Grande: Item No. 335044
- Midas Liver of Sulfur. Rio Grande: #331033
- Bead Blaster and Cabinet. Rio Grande: Item #336250
- Aluminum Oxide Blasting Media. Rio Grande: Item #336165
- Glass Beads Blasting Media. Rio Grande: Item #336092
- Porter-Cable Air Compressor. Home Depot: Model #PCFP02003
- Disc Cutter Set. Rio Grande: Item #112597
- Palm Sander. Home Depot: Model #6301
- Palm Sander Hook and Look 80 grit sandpaper. Home Depot: Model #6301SP80 Any Household or Office Photo Copy Machine with Copy
- Paper Tack Hammer. Home Depot: Model #MRWT
- Mini Anvil. Rio Grande: Item #112498
- 6" Jewelers Saw Frame. Rio Grande: Item #110007
- Bench Pin. Rio Grande: Item #110013
- Third Hand. Rio Grande: Item #502066
- Tubing Cutter. Rio Grande: Item #113839
- Glardon Vallorbe Flat Hand File, Cut 0: Rio Grande #114924
- Glardon Vallorbe Half Round Hand File, Cut 0: Rio Grande #114934

- Glardon Vallorbe Barrette Needle File, Cut 0. Rio Grande: #114942
- Glardon Vallorbe Half-Round Needle File, Cut 0. Rio Grande: #114945
- Needle Nose Pliers. Rio Grande: Item #111900
- Crimping Pliers. Rio Grande: Item #111040
- Flush Cutter. Rio Grande Item #111155
- Automatic Center Punch. Rio Grande: Item #118111
- Scriber. Rio Grande: Item #118455
- Acetone. Home Depot Model #QAC18
- Spray Adhesive (3M Supper 77). Home Depot: Model #77DSC
- 60 Grit Sandpaper. Home Depot: Model #26060PGP-4
- Sanding Pads. Home Depot: Model #7447
- X-Aacto Knife/W #11 Blade. Dick Blick: Item #57450-0051
- 1.88" shipping Tape. Dick Blick: Item #23055-1000
- Colored Pencils
- #2 Pencil
- Pencil Sharpener
- Clear shipping Tape
- 3/4" Scotch Tape
- Scissors
- Windex Glass Cleaner
- Sandpaper
- Metal Ruler
- White Out Tweezers

Most items are available from: Rio Grande, www.riogrande.com, Dick Blick Art Supplies www.dickblick.com, Reactive Metals Studio www.reactivemetals.com, and Home Depot www.homedepot.com