



## Art in Metal Clay by Hadar Jacobson

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### Toolkit

*Please ask at the hosting venue what items will be available in the classroom, e.g., olive oil, distilled water, warming pans etc.*

*For easy reference I added the code numbers of the items as they appear in the catalogs of Rio Grande ([www.riogrande.com](http://www.riogrande.com)) and Santa Fe Jewelers Supply [www.sfjssantafe.com](http://www.sfjssantafe.com).*

### Clay Tools

Hadar's Quick-fire Clay™, Copper and Bronze (100 grams each), and Quick-fire Steel XT (50 grams). Optional: Rose Bronze and White Bronze (should be pre-ordered from <http://store.artinsilver.com/purchasepmc.html>).

A finishing kit (rotary tool attachments), is also available for sale, as well as books and other clays. All your orders will be shipped together a week before the class. When you place your order please choose "no shipping", and in the comments filed mention the location of the workshop).

- ❑ Report cover (plastic, with clear top)
- ❑ Optional: clear plastic casting molds for resin
- ❑ Sponge sanding pads, fine grit (150) (Rio Grande 337-322 SFJS: 321-532) or: wet/ dry sandpaper, 150, 220, and 400 grit (last two are available from SFJS: # 321-505 and # 321-507).
- ❑ Coarse nail polisher
- ❑ Travel size spray bottle with olive oil
- ❑ Travel size spray bottle with distilled or bottled water
- ❑ Small metal or ceramic bowl for mixing the clay

- ❑ Mixing tool (can be just a table knife or a spoon)
- ❑ Rolling pin (preferably wide)
- ❑ Scraper or tissue blade
- ❑ Plastic food wrap
- ❑ Playing cards and craft sticks (Popsicle sticks)
- ❑ Drinking straws (different sizes)
- ❑ Craft knife
- ❑ Paintbrush
- ❑ Small cup or container for water
- ❑ Needle tool
- ❑ Extruder, Makins' or Walnut Hollow, available from Amazon
- ❑ Optional: Tube adapters for the extruder
- ❑ Optional: Ring sizer and ring mandrel
- ❑ Optional: Crayola mold maker (air dry clay)
- ❑ Warming plate (coffee mug/candle warmer)
- ❑ Scotch tape
- ❑ Clay (or colour) shaper, taper, extra firm, #0 (cheapest source: <http://www.misterart.com/searchResult/query~colour%2520shaper~>, the last on the list, #54539 )
- ❑ Hand drill (or miniature round file, or bead reamers)
- ❑ Protective mask and goggles
- ❑ Set of diamond-plated burrs (Rio Grande # 343-050; SFJS: #434-606 )

## Finishing Tools

- ❑ Rotary tool. A good and cheap one is Black & Decker RTX-B 3 Speed RTX. Available from Amazon and Target.
- ❑ Dremel 4486 MultiPro Keyless Chuck (accepts different shank sizes, like a flex shaft machine), available from Amazon. If you don't purchase this item make sure that your rotary tool has a collet for a  $3/32$ " shank.
- ❑ Baldwin's patina (Rio Grande #335-020, available in smaller amounts from [www.reactivemetals.com](http://www.reactivemetals.com) and [www.sfjs.com](http://www.sfjs.com) # 342-305).
- ❑ Q-tips.
- ❑ Drum mandrel (Rio Grande 333-015) and sanding drums, 120, and 240 or 320 grit (Rio Grande 337-502, 337-504 or 337-801)
- ❑ 3 sheets of 3M wet/dry sandpaper, 150, 220 and 400 grit
- ❑ Radial discs, yellow, 80 grit,  $1/4$ " in diameter (Rio Grande #332-581; SFJS: #324-071)
- ❑ Screw mandrel (Rio Grande #333-108 SFJS: # 432-356) and a small screw driver
- ❑ Slotted mandrel, straight head (Rio Grande # 333-130; SFJS: # 432-338)
- ❑ Slotted mandrel, tapered head (Rio Grande # 333-132; SFJS: # 432-339)
- ❑ Extra fine mini fiber wheel (red, Rio Grande, #338-123; SFJS: # 325-201)

The last 5 items can be purchased on my online store as "Finishing kit".