



Art in Metal Clay by Hadar Jacobson  
918 Ventura Ave, Berkeley, CA 94707-2123, (510) 528-4193  
[hadar@pacbell.net](mailto:hadar@pacbell.net) • [www.artinsilver.com](http://www.artinsilver.com)

## Mokume-Gane Rings from Metal Clay

*For easy reference I included 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 Steel XT (either Pearl Grey or Quick-fire). Please order ahead of time from <http://store.artinsilver.com/purchasepmc.html>. 50 grams of copper and bronze and 25 grams of steel are enough (\$36.30 total) unless you get carried away, in which case get more.

A finishing kit (rotary tool attachments), is also available for sale on Hadar's website, as well as books and other clays (\$12.50).

### **When ordering materials online please mention in the comments: PMC Conferrence.**

- Report cover (plastic, with clear top)
- Sponge sanding pads, fine grit (150) (Rio Grande 337-322; SFJS 321-532)
- Wet/dry sandpaper, 150 grit
- Travel size spray bottle with olive oil
- Travel size spray bottle with distilled water
- Small bowl for mixing the clay (recommended: SS cat food bowl from Target)
- Mixing tool (can be just a table knife or a spoon, or as wide and non flexible)
- Rolling pin



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- ❑ Scraper or tissue blade
- ❑ Plastic food wrap
- ❑ Playing cards
- ❑ Craft knife
- ❑ Paintbrush
- ❑ Small cup or container for water
- ❑ Optional: Stepped ring mandrel and ring sizer (the latter can be shared)
- ❑ Optional: Bead rollers for polymer clay
- ❑ Clay extruder (The Makins' one, with its attachments, or Walnut Hollow)
- ❑ Tube adapters for clay extruder (can be shared)
- ❑ Warming plate (coffee mug/candle warmer)
- ❑ Extension cord, power strip and masking tape
- ❑ Scotch tape
- ❑ Nail polisher and set of files
- ❑ Set of diamond-plated burrs (Rio Grande # 343-050)
- ❑ Protective mask and goggles
- ❑ Recommended: Set of diamond-plated burrs (Rio Grande # 343-050; SFJS #434-606 )
- ❑ Reading glasses or visors, Ott light, if needed.

**Continued**



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## Finishing Tools

Rotary tool- whichever you have. Good and cheap is Black & Decker RTX-B Available from Amazon. If you are in for a treat, a light-weight pencil size tool is also available from amazon: High Torque Carver/Engraver by WeCheer.

- ❑ For B&D: 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  $\frac{3}{32}$ " 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/cotton swabs
- ❑ 2 sheets of 3M wet/dry sandpaper, 220 and 400 grit
- ❑ Drum mandrel (Rio Grande 333-015) and sanding drums, 120, and 240 or 320 grit  
Rio Grande 337-502, 337-504 or 337-801)
- ❑ Sanding drums, 120- and 240 grit,  $\frac{1}{2}$ "
- ❑ Radial discs, yellow, 80 grit,  $\frac{1}{4}$ " 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 are included in the Finishing kit available on Hadar's online store.