

Materials Required:

Qty	Item Number	Description
1	#1042	Silver Jewelry Clay Ring Kit

Kit includes one each of the following. Included clay makes 2-3 rings. Additional clay and all materials can also be purchased separately.

1	#67002	PMC+Clay, 20 gm.
1	#63233	Ring Sizer
1	#67601	Ring Mandrel
1	#62401	Jewelry Clay Roller
1	#17103	Palette Knife
1	#62402	Carboard Strip Set
1	#17101	#3 Detail Brush



Additional Tools and Materials Used:

To fire, use Butane Torch #6722050 and Fire Brick #64401 or a kiln, such as Paragon SC2 Jewelry Kiln #67401. Polish rings with Stainless Steel Brush #10301 and Rubber Polishing Block #6707 or use 3 lb. Polisher/Tumbler #67010 and 2.5 lb. Shot Mix #67501.

Directions:

Refer to Delphi's Instructions on Silver Jewelry Clay for additional information. This is a more advanced project we suggest making after the beginner Pendant Project.

1. Measure the size of your finger using the ring sizer. Since the ring project will shrink about 10% during firing, you will need to form the clay ring at one size larger for narrow bands and two sizes larger for wider bands. Slide the correct ring sizer on to the ring mandrel. Slip a self-adhesive memo note under the ring sizer, wrapping it around the mandrel (*see figure 1*). Use a pencil to mark the exact location where the ring sizer rests. Remove the ring sizer and apply a small amount of oil or bag balm to the surface of the paper.
2. If making women's narrow bands, divide the clay package into three. If making men's or wider bands divide the package into two. Separate a small piece of clay from each portion. Wrap the extra clay and place it in an airtight container to prevent drying prematurely.
3. Prepare your parchment or plastic work surface, roller and hands by applying a small amount of bag balm or oil to prevent the clay from sticking.

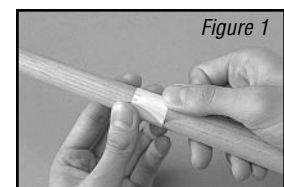
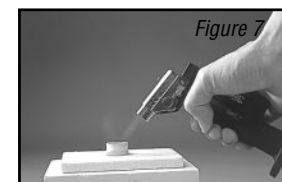
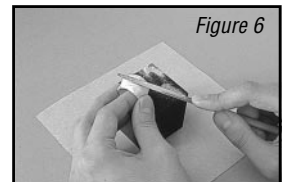
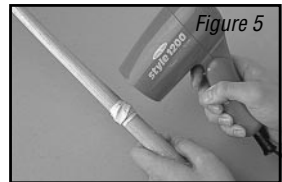
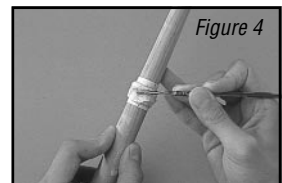
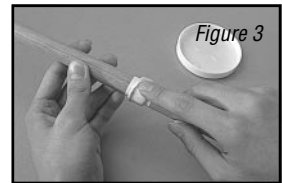
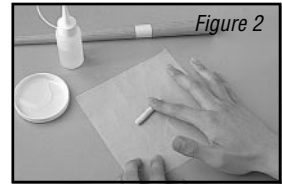
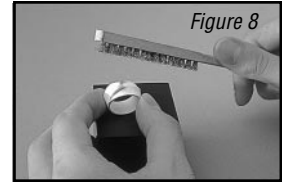


Figure 1

4. Roll the clay with your fingers into a rope shape (*see figure 2*). Place the cardboard strips on either side of the clay rope. Using the silver clay roller, roll the rope shape flat so that it is the same thickness as the cardboard (1.2 mm). If the clay is beginning to dry, use the paintbrush to apply a small amount of water.
5. Gently pick up the clay and form it around the mandrel (*see figure 3*). Using the palette knife, trim off any excess clay where the ends meet. Mix a small amount of clay with water to create a paste (or use clay paste form #70502). Use a generous amount of the paste to join the ends of the clay. Any excess can be filed away later.
6. With a pencil, mark the memo note where you want the slant pattern to begin and end. Now, using a toothpick, mark the slant pattern in the surface of the clay. Moisten the clay and press between the marked lines with the smooth side of the file to form spiral ridges (*see figure 4*). Use the palette knife to trim the edges of the clay to provide a clean smooth edge for the finished ring.
7. Allow the sculpted clay to dry or you can use a warm blow dryer to speed up the process (*see figure 5*). Once the ring feels firm, slide it off the mandrel and remove the memo note from the inside. Find the loose end of the paper and gently roll it into a tighter roll, allowing it to slowly separate from the clay. Repair any imperfections on the inside of the ring by moistening the surface and then adding some soft clay.
8. Once the project is completely dry, place it on the rubber block and use the half-round file to shape the edges, inside and seam (*see figure 6*). Smooth the outside surface with 600 grit wet and dry sandpaper. Make any changes necessary, as it is very difficult to make any changes after this step.
9. Place the dried and filed ring on the fire brick. Place the fire brick in a pie tin for added protection of the table surface. Ignite the torch and hold it at a 45° angle to the project about four inches from the fire brick (*see figure 7*). After 30 seconds the ring will start to discolor and it will produce a small flame. Continue heating until the ring gives off a slight orange glow. Move the torch back about 1 to 2 inches and continue firing for about 3 to 5 minutes. If the ring begins to curl, glow brightly or look liquid, remove the flame immediately. Over-firing will cause the ring to lose its shape and detail. Pick up the project with tweezers and submerge it in cool water.



10. Once the ring is completely cool, place it on the rubber block and use the stainless steel brush with a small amount of water to polish the silver surface. Polish recessed areas, crevices and around the edges (*see figure 8*). The white residue will brush off and the surface will become shiny. If additional shine is required, rub the surface of the project with the side of the tweezers to “burnish” the surface. A jewelry tumbler and stainless steel shot can also be used to provide a beautiful silver finish.



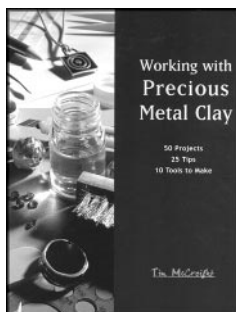
Photos from *Make Unique Silver Mono* instruction book #6264.



For More Jewelry Clay Instruction and Great Beginner Project Supplies:

Working with Precious Metal Clay Book #6318

Comprehensive guide presents 50 projects and plenty of useful tips for working with silver jewelry clay. Finished items are shown in color; directions are augmented with color illustration to guide you through the creative process. Hardcover and spiral bound.



Rubber Stamps and Texture Sheets

Combine the magic of jewelry clay with the simplicity of stamping to create beautiful and unique jewelry. Simply roll out the clay, stamp the design or letters, finish shaping the jewelry and you're ready to fire. Roll on texture sheets to give silver textured designs. Stamps available in individual letters, entire Alphabet Set #1044, Romance Set #6845650, Winged Creatures Set #6845651, Feng Shui 1 set # 6845670 and Feng Shui 2 set #6845671. Texture sheets come in a package of 18 different designs #68301.



Kemper Tools

Use the Kemper Klay Gun #68709 for a limitless number of decorative clay effects. Includes 19 assorted discs with easy to use extruder gun. Pattern cutters allow students to make precise, even shapes quickly and easily. Sets include four cutter shapes: round, teardrop, star/flower and heart. Available in 3 sizes; 3/16 inch #68704, 3/8 inch #68705 and 3/4 inch #68707. Use multiple sizes to layer shapes on top one another. Designer Dot Set #68701 is a handy tool for quick and easy imprints in a variety of small designs. Includes eight interchangeable tips.



Klay Gun



Pattern Cutters



Designer Dot Set