

## Pattern Ring

Level: Basic/ Intermediate

### <Materials>

Art Clay Silver Clay Type	Approx. 15g Depending on ring size
Art Clay Silver Paste Type	A small amount

### <Tool>

Cooking sheet, ring size scale or ring gauge, pencil, wooden mandrel, sandpaper #600 and 1200, stainless steel brush, burnisher, medium fine file, roller, sticky memo pad, craft knife, toothpick

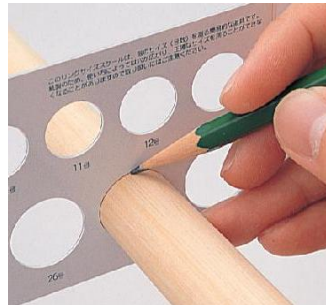


Completed piece

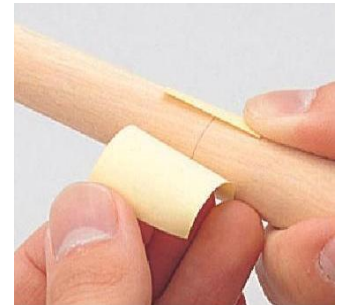
### <Step by Step Guide>



1. Measure your finger with a ring size scale or ring gauge.



2. Make 4 sizes larger (Japanese ring size) than your actual finger size and mark on the wooden mandrel with a pencil.



3. Wrap the memo pad tightly around the mandrel with the line in the center.



4. Place the clay on the cooking sheet and place the cooking sheet on the clay so as not to stick to the roller. Roll out approx. 15g of clay into a long strip.



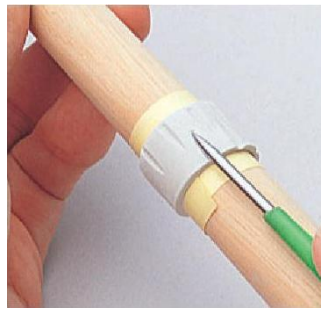
5. Cut the clay into a strip with a craft knife.



6. Moisten a small amount on clay and wrap it around the memo pad tightly by pressing lightly.



7. Cut off any extra clay with a craft knife and smear the join with your moist finger. If there are any gaps, fill up with a small amount of Paste Type.



8. Make patterns with a burnisher. If it is too soft to make patterns, dry and then make patterns.



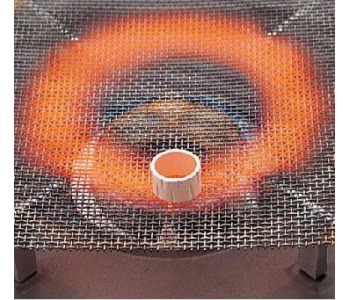
9. Dry with a hot air dryer for 15 minutes. After drying, carefully remove from the mandrel with the memo pad.



10. Form the shape with the medium fine file. File gently due to fragility.



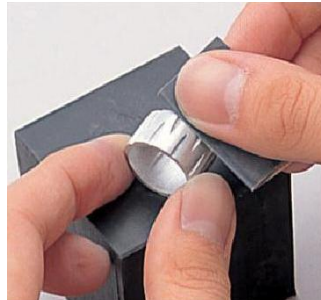
11. Flatten the surface with sand paper #600. It is easier to sand when you put it on the mandrel.



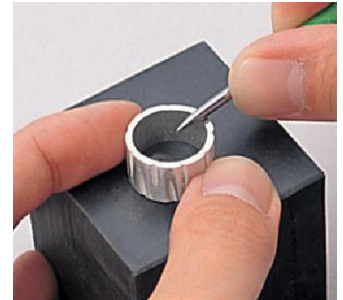
12. Fire at 800C/1472F for 5 minutes in an electric kiln.



13. Cool the ring down completely. Polish the inside with a stainless steel brush.



14. Polish the surface and sides with sandpaper #600 and 1200. Do not polish the dents to leave white color.



15. Make a mirror finish with a bunisher by rubbing strongly.



16. Polish the entire piece with a small amount of silver polish and polishing cloth, except in pattern detail area. Wash with neutral detergent and water. Then, finish.