

ART CLAY™ SILVER Basic Instruction Guide #054

Flower Ring with Silver Wires

Level: Intermediate/ Advanced



Completed piece

<Materials>

Art Clay Silver Clay Type	5g
J-012-2 Twisted fine silver wire 0.5mm x 50cm	1pc
R-013 Fine silver flat wire 4mm x 0.2mm x 50cm (W/T/L)	1pc

<Step by Step Guide>

<Ring>

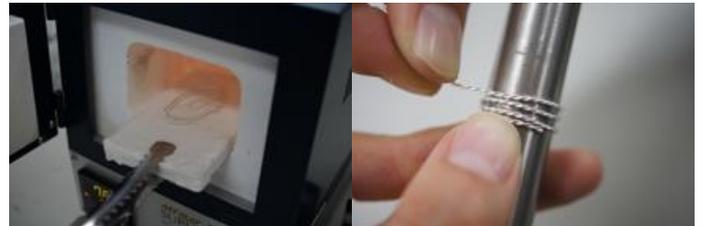


Bad (Loose)

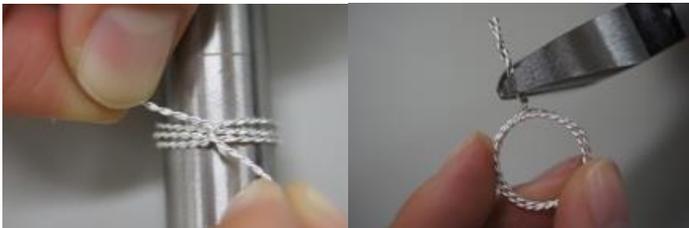


Good (Tight enough)

1. Fold the wire in half. Attach the folded part with some tape on a table, and twist the wires tightly together so as not to make any gaps between wires.



2. Can bend the twisted wire easily after annealing at 800C/1472F for 1-2 minutes in a kiln. Roll up three times on the completed size of a graduated ring mandrel (L).

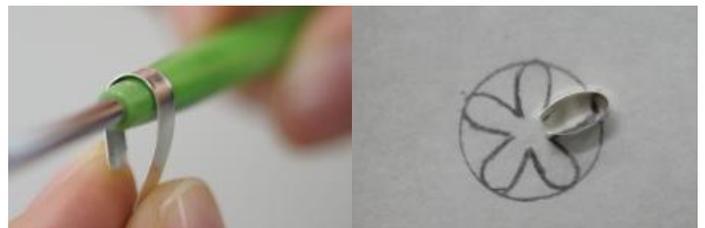


3. Twist both ends so as not to be loose. Keep 5cm away from both ends, and cut the ends with a nipper.

<Ring head>



4. Draw a flower design considering the overall balance of the ring and the head part. Make the diameter of the ring head approx. 1.6-7cm larger than the diameter of your actual ring size.



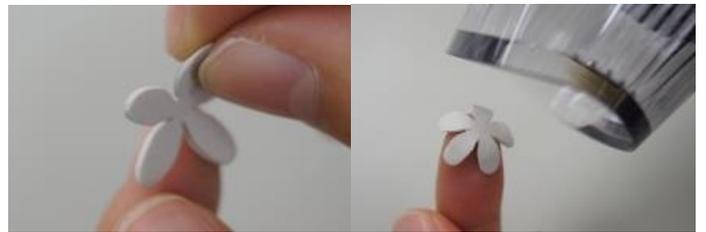
5. Make a cutter with the fine silver flat wire according to the outline. Cut any extra parts off with a nipper. (see image).



6. Roll out 5g of clay into 1mm thick with a pair of 1 mm thick plastic strips, and cut out the flower part with the cutter.



8. Make 8 balls of diameter approx. 0.8mm and approx. 8 mm long 4 leaves with the rest of clay and dry with the hair dryer. The leaves are made by pressing lightly by a finger. After drying, you can engrave a leaf vein with a needle.

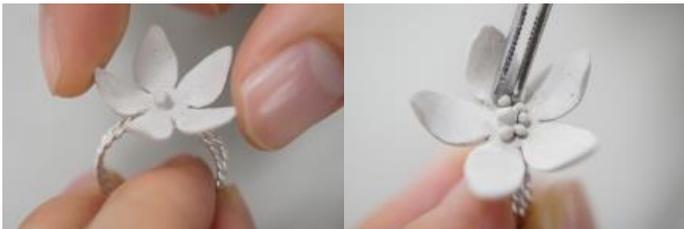


7. Lightly shape all ends with your fingers to make round petal shapes, and dry on your finger tip with a hair dryer until the shape fixes, and dry completely.



9. Drill a hole into the center of the dried flower piece with a $\phi 2$ drill bit.

<Combination>



10. Put plenty Overlay Silver Paste (OSP) on the cut twisted wire ends and insert the top from the backside of the flower piece. OSP helps attach silver clay and wire more firmly than Paste Type. Attach 8 balls on the center using OSP which came through when attaching the head piece. Add more OSP as necessary, and blend the OSP on the surface of the backside.



11. After drying, draw the stem line with a green nozzle syringe on the ring part.



12. Extrude the syringe on the position where the leaves are placed, and attach the leaves.



13. After drying again, put a little watered down the paste on the joints between the twisted wires and the syringe. If necessary, put some OSP on the inside of the ring to reinforce. After drying, fire the piece for 800C/1472F for 5 minutes.



14. Polish with a stainless steel brush, sponge sanding pads, and a burnisher. Then, finish.