

Squiggle Ring

Get creative with the flexibility of sterling wire!

steps:

1. Use **Swanstrom heavy-duty cutters** to cut a 6" piece of **sterling wire** and a 3" piece of **copper wire**.
2. Determine what size ring you want to make using the **ring gauge ruler**.
3. Wrap the copper wire around the **ring mandrel** at the chosen size. Use the heavy-duty cutters to cut the wires where they meet. This will be your ring blank.
4. Using the **Swanstrom chain-nose pliers with Delrin® jaws**, straighten the copper ring blank.
5. Place the 3" copper ring blank along the middle of the 6" piece of sterling wire. Mark the sterling wire at each end of the copper ring blank with a **permanent marker**.
6. To create the squiggle design, use the chain-nose pliers to make bends and curves on both ends of the wire, starting about 10mm away from each mark. (If necessary, use the **equalling file** to smooth out the ends of the wire while you work.) To add sharper curves, use the **Swanstrom round-nose pliers**.
7. To add texture, hammer the squiggle part of the wire on a **steel bench block** or ring mandrel with the flat side of the **chasing hammer** (this will also harden the sterling wire); use the ball peen side to widen particular areas of the wire and to add more facets and texture.
8. Wrap the wire around the ring mandrel at the chosen ring size. The black marks should overlap.
9. Use the chain-nose pliers to bend the ends where they meet at a 90° angle; this will cause the ends to lay against the length of the finger.

supplies:

Description	Order #	Qty.
Sterling round wire, 16 ga.	100-316	6"
Copper round wire, 16 ga.	132-316	3"
Swanstrom round-nose pliers	111-302	1
Equalling needle file, cut #3	114-750	1
Swanstrom chain-nose pliers with Delrin® jaws	111-204	1
Ring/bracelet gauge ruler	116-022/10	1
Swanstrom heavy-duty cutters	111-716	1
Ring mandrel	112-366	1
Chasing hammer, 3-oz.	112-190	1
Steel bench block, 2 1/2" x 2 1/2"	112-495	1
Permanent marker	—	1



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