

Gaining Momentum

Crossover Spiral Braid

Design & Techniques by
Stephanie J Eddy

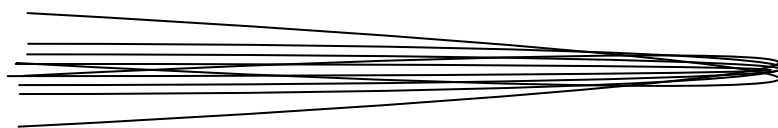
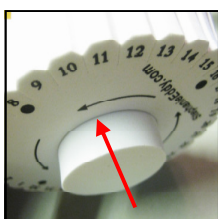
WHAT CAN I MAKE— Your kit will have 40 beads of color A and 40 beads of color B with enough wire for three bracelet projects. You can make a full spiral (no beads), a single rim spiral of color A or B (20 beads), and a double rim spiral with the remaining Color A or B (40 beads). You will not have enough beads to make a single rim and a double rim of the same color beads.

SETUP— Cut and add the label to the foam disk. Remove but **DO NOT DISCARD** the center foam core. Prepare a 10-wire bundle as follows:

Using the 26 ga. wire, cut 5 lengths at 60" each. Bring the ends together and fold in half. At the fold, wrap the wires two times around the sizing rod. This forms the Starter Coil.



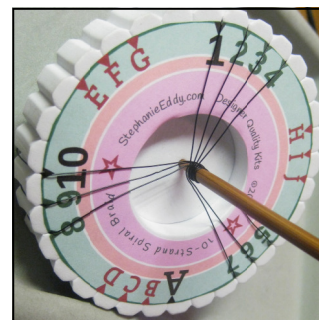
Starter Coil



Reinsert the center foam core into the bottom of the disk about one-quarter of the way inside. It will be removed later.

Insert one end of the sizing rod into the center of the foam core about 3/8" (past the cone point). Slide the wires down, even with the disk surface, and arrange one wire in each of the NUMERIC slots 1-10.

Sizing: Measure your wrist with a flexible tape. You will create the initial braid the same length as this measurement.



Numeric Slots 1-10

BEFORE STARTING THE BRAID — Review the "10-Wire Crossover Spiral Braid" sheet on page 2.

PROJECT 1, Full Spiral: Wind each wire around one foam bobbin using the tape label method to secure OR cut the bobbin as outlined on page 4 and wrap the wires around the slit. Leave 4-5 inches of working wire between the bottom of the disk and the bobbins.

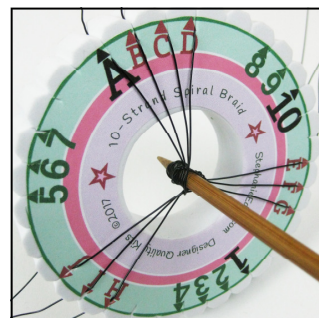
To begin, work the crossover braid pattern until the wires fill all the ALPHA slots A-J. (16 crossovers).

Carefully twist and remove the center foam core leaving the sizing rod in place.

Continue the crossover braid, without beads, until the desired length is reached (wrist measurement). **Unwind additional working wire as needed.**

ADD ONE ADDITIONAL FULL ROUND (32 crossovers).

When complete, leave the rod intact. Refer to finishing instructions on page 4 .

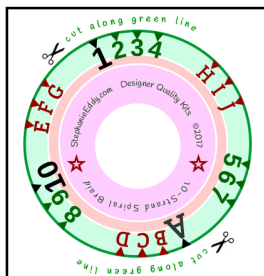


Alpha Slots A-J



Full Spiral

About the “10-Wire Crossover Spiral Braid” by Stephanie J Eddy ©2017



10 wires are used in groups of 4, 3 and 3 wires each.

Wires will always stay in the 4, 3, 3 group formation.

Wires start in numeric slots 1,2,3,4, 5,6,7 and 8,9,10.

Wires crossover clockwise, to the right, around the disk and the sizing rod.

Turn the disk to the left always keeping the group with 4 wires at the top.

A full round is 32 crossovers. A half round is 16 crossovers.

Place your thumb against the sizing rod to hold tension.



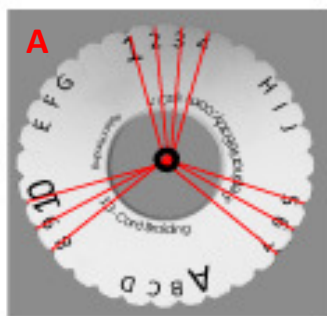
For a sharper spiral edge move the crossover wire slightly past the desired slot, then place the wire back in to the correct slot.

It is important to twist, remove and reinsert the sizing rod on occasion or it may be difficult to remove – the rod should not be inserted more than 2 inches into the braid at any time.

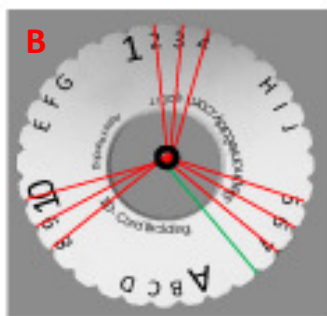
The “10-Wire Crossover Spiral Braid: How it Works”

1. Holding the disk, with group 1-4 at the top **A**, crossover the far left wire (1) to the “Open Slot” (OS) at the bottom of the right group (past slot 7). **B**
2. Turn the disk to the left. The new group with 4 wires (5, 6, 7, OS) will now be at the top. **C**
3. Crossover wire 5 to the OS at the bottom of the right group (past slot 10). **D**
4. Turn the disk to the left. The new group with 4 cords (8, 9, 10, OS) will now be at the top. **E**

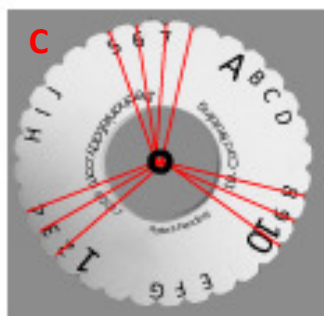
Continue this pattern around the disk to form a spiral braid. **F, G, H**



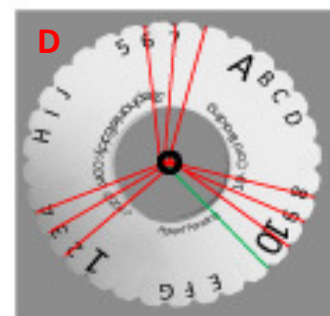
Starting position



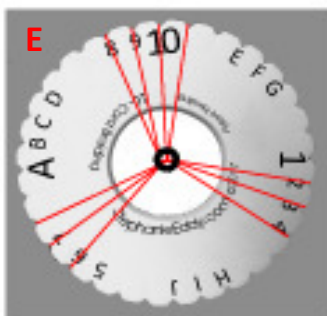
Move the top left wire to the bottom right



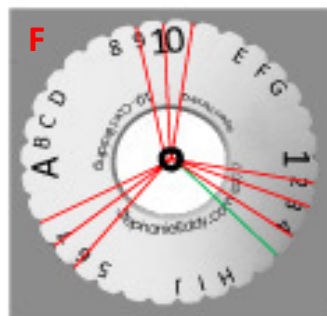
Turn the disk to the left so that you again have 4 wires at the top



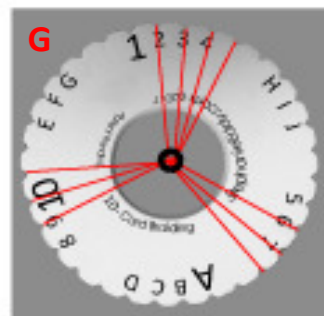
Move the top left wire to the bottom right



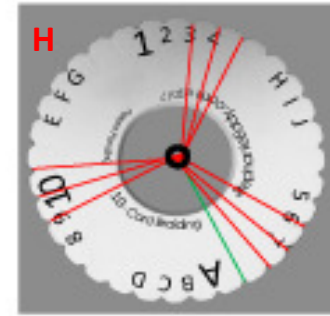
Turn the disk to the left so that you again have 4 wires at the top



Move the top left wire to the bottom right



Turn the disk to the left so that you again have 4 wires at the top



Move the top left wire to the bottom right

How to Crossover Braid with beads: The basic crossover pattern stays the same. For the Single Rim Spiral, the wires that form in slot 1 are used to add the beads. For the Double Rim Spiral, the wires in slots 1 and A are used.

PROJECT 2, Single Rim Spiral: Prepare a 10-wire bundle, as previously directed, with the wires in the NUMERIC slots and the sizing tool and foam core in place.

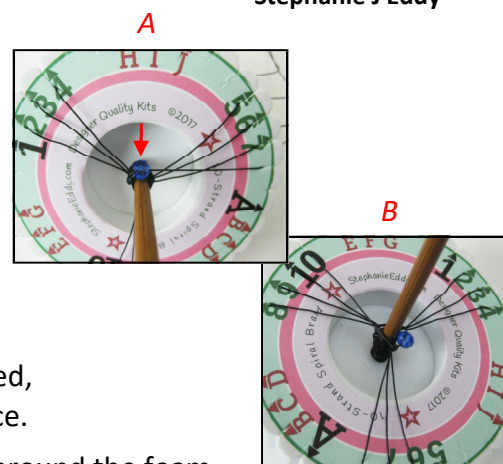
Add 5 beads (color A or B) to each wire in slots **1, 3, 6, 8, 10**. Wrap the wire around the foam bobbins to secure. Add a bobbin to the remaining 5 wires (no beads). Leave 4-5 inches of working wire between the bottom of the disk and the bobbins.

To begin, work the crossover braid (no beads) until the wires fill all the ALPHA slots A-J. (16 crossovers). Carefully twist and remove the center foam core leaving the sizing rod in place.

Continue the crossover braid (no beads) until the wires are back in NUMERIC slots 1-10.

Pattern for Single Rim Spiral: * Crossover one bead from the wire in slot 1. The bead sits between slots 4 and 5. **A** Crossover the next wire from slot 5. This holds the bead in place. **B** Move the next crossover wire in the sequence. The following crossover wire, in slot 2, goes behind the bead before going into the next slot. Continue crossovers (no beads) around the disk until all of the wires fill the 10 NUMERIC slots.*

Repeat instructions between the asterisks * until the desired length is reached. Continue one full round without beads (32 crossovers) . See finishing instructions on page 4.



PROJECT 3, Double Rim Spiral: Prepare a 10-wire bundle, as previously directed, with the wires in the NUMERIC slots and the sizing tool and foam core in place.

Add 8 beads (color A or B) to each wire in slots **1, 3, 6, 8, 10**. Add the foam bobbins to hold beads in place. Add a foam bobbin to the remaining 5 wires (no beads).

To begin, work the crossover braid (no beads) until the wires fill all the ALPHA slots A-J. (16 crossovers). Carefully twist and remove the center foam core leaving the sizing rod in place.

Continue the crossover braid until the wires are back in NUMERIC slots 1-10.

Pattern for Double Rim Spiral: * Crossover one bead from the wire in slot 1. Continue crossovers, no beads, (15 times) around the disk until all of the wires fill the 10 ALPHA slots A-J.

Crossover one bead from the wire in slot A only. Continue the crossover (15 times) until all wires fill the NUMERIC slots.*

Repeat instructions between the asterisks * until the desired length is reached. Continue one full round without beads (32 crossovers). Leave the rod intact.

Finishing instructions on page 4.

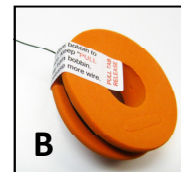
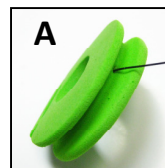


Gaining Momentum

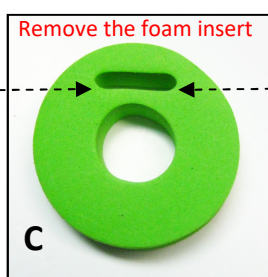
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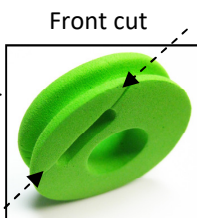
Bobbins: Use a pin or needle object to make a hole on the inside channel of the bobbin. Insert one end of the wire here. **A** Wrap the remaining wire around the channel of the bobbin. To hold in the wire in place, fold a tape label across the bobbin. **B**



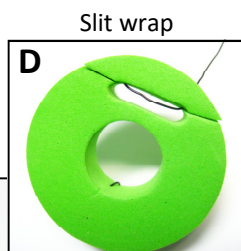
If this does not work well, make a slit at the top front of the bobbin—cut **through one thickness only**. **C** Use a pin or needle to make a hole in the channel of the bobbin. Insert one end of the wire here. Wrap the wire around the channel several times then one time around the top slit to hold in place. **D**



Cut through one thickness on the front only



Back
NO cut

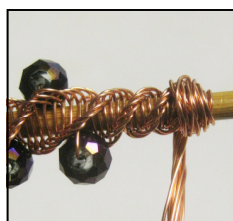


Slit wrap



FINISHING TECHNIQUE—

With the rod intact, remove the wires from each slot. Gather the wires together and wrap the wires around the sizing rod two times to form the Finish Coil. Remove the rod. Trim the wires.



Finish Coil

Unclasp the end cap assembly into two sections. Fill each end cap cavity about half full with gel glue. Use a toothpick or other object to spread the glue inside the cap.



Slide each end of the spiral braid into an end cap. Twist to ensure the glue covers the inside of the cap as well as embeds into the wires in the braid and the finish coil. Let the glue connections cure according to the manufacture's instructions.



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