



Wave Cross Pendant

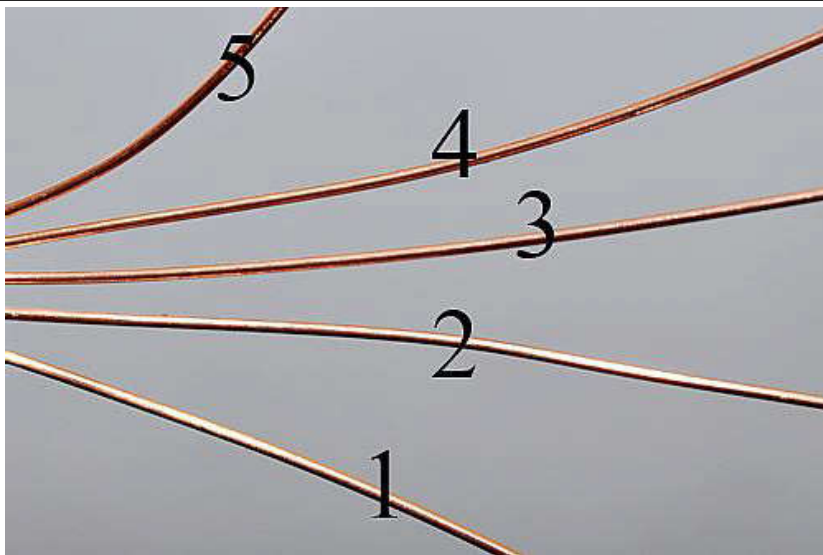
Level: Advanced

By: Nicole Hanna

(Piece measures 4.8cm)

Materials & Tools

- 1 Piece 5mm 18 Gauge Closed Jump Ring
- 9 Pieces 15cm 22 Gauge Round Wire
- 1 Piece 400cm 28 Gauge Round Wire
- 1 Piece 4mm Round Bead
- Needle Nose Pliers
- Wire Cutters
- Tape

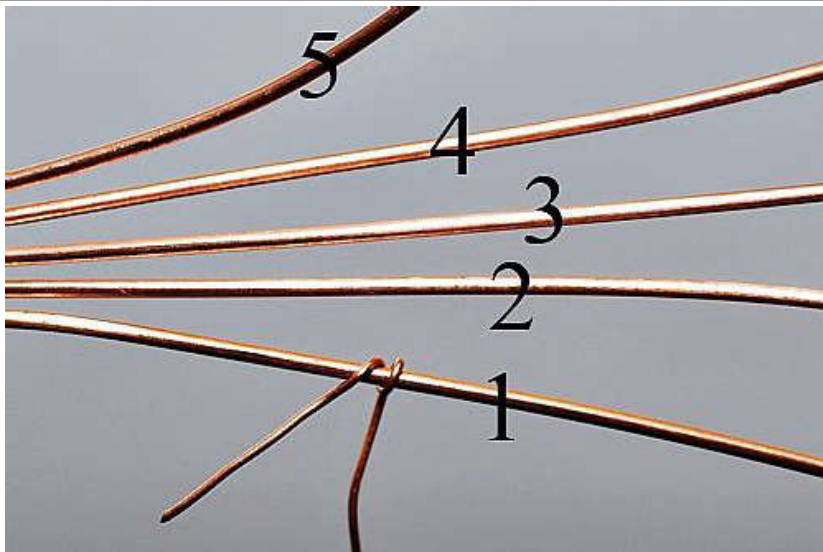


Step 1

Cut five pieces of 15cm 22 gauge round wire. These will be referred to as the base wires

Hold these wires horizontally, with ends even to one another.

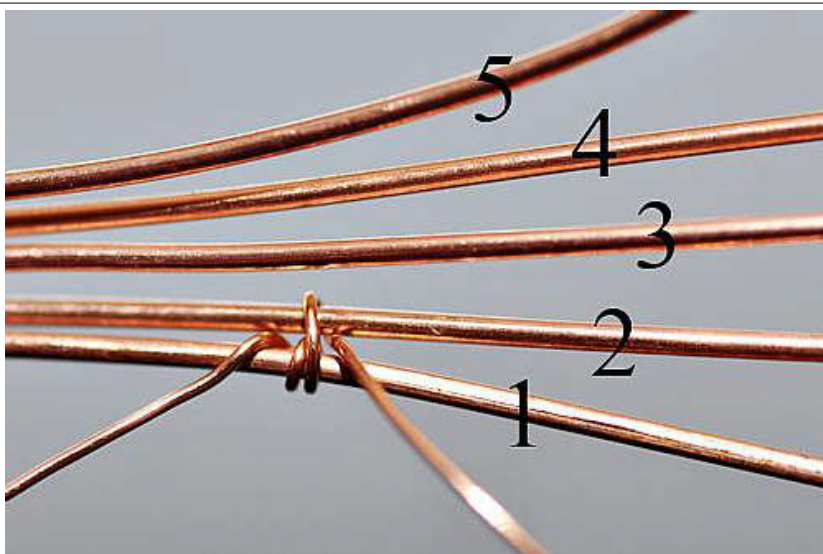
Mark or note 5cm from the left. This will be the starting point for the weave, as detailed in the following steps.



Step 2

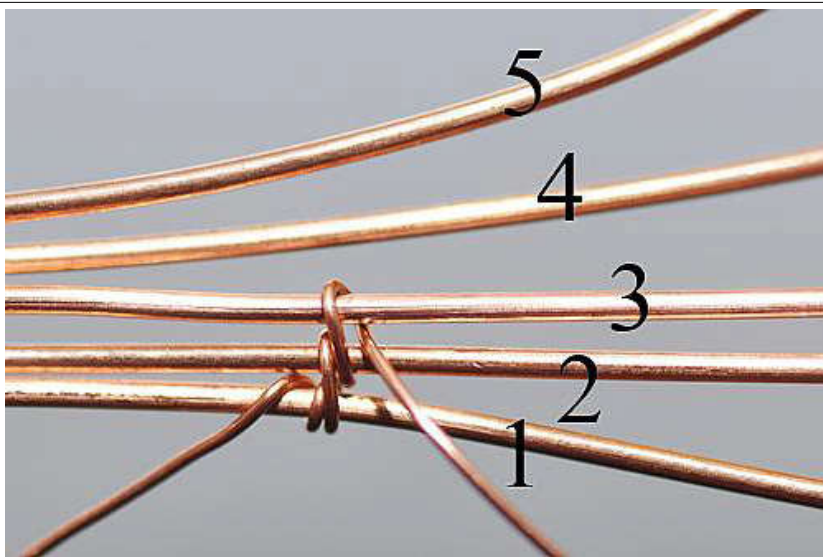
Cut a 400cm piece of 28 gauge round wire. This will be referred to as the weaving wire.

Leave a small tail for leverage, and coil once or twice around the bottom base wire, or base wire 1.



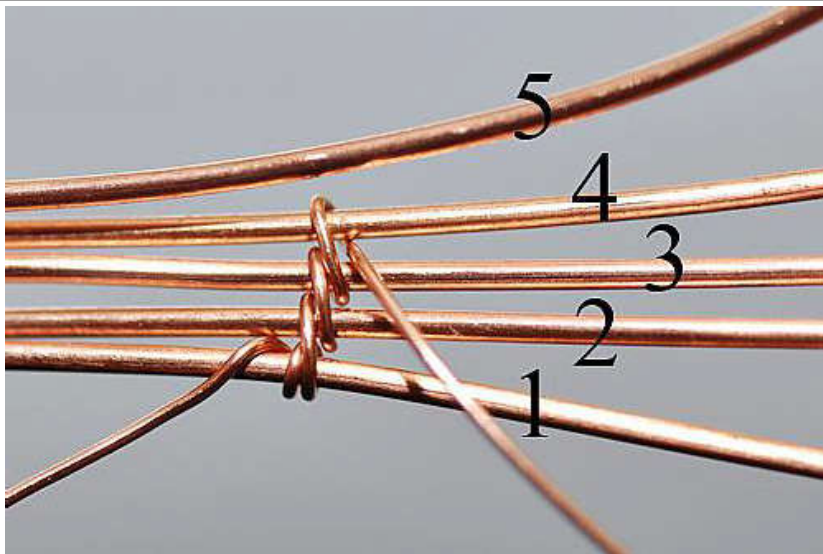
Step 3

Wrap the weaving wire over base wires 1 and 2, between 2 and 3, behind 2, then between 1 and 2.



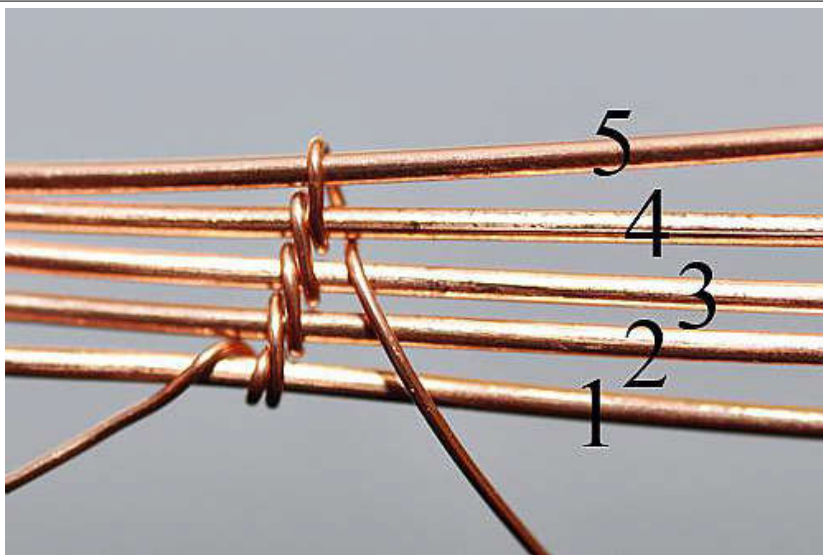
Step 4

Wrap the weaving wire over base wires 2 and 3, between 3 and 4, behind 3, then between 2 and 3.



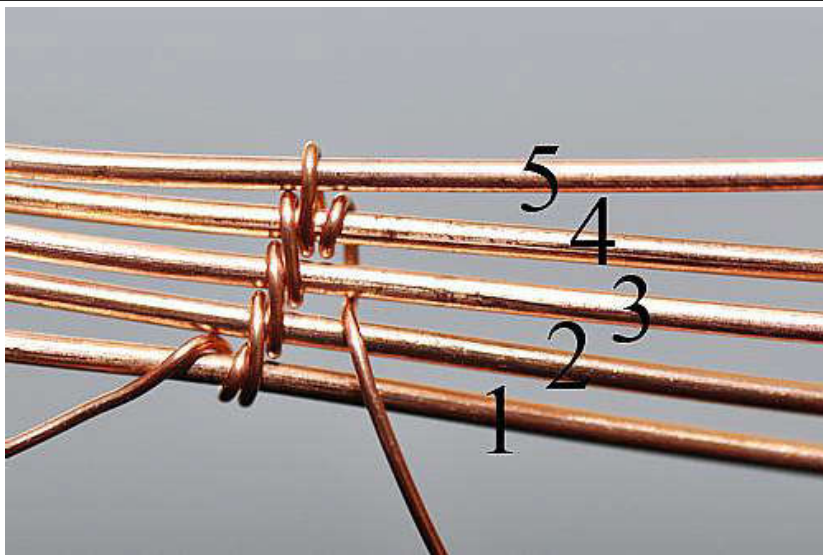
Step 5

Wrap the weaving wire over base wires 3 and 4, between 4 and 5, behind 4, then between 3 and 4.



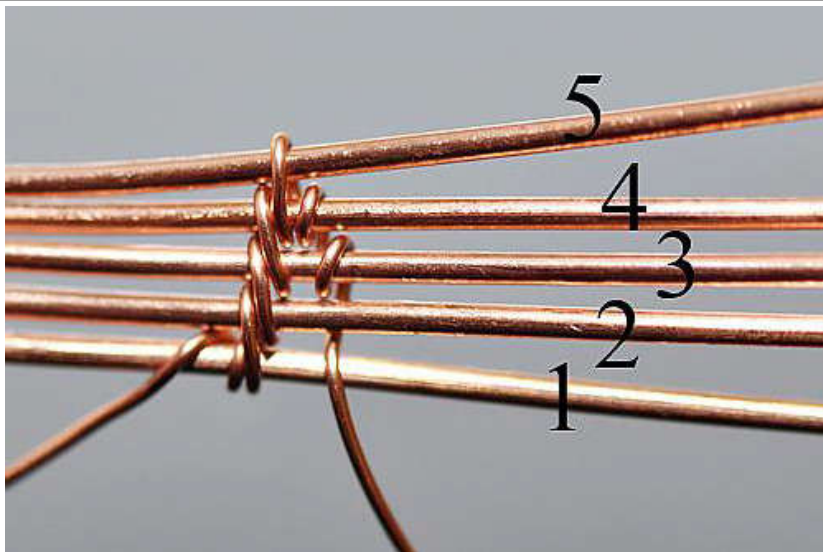
Step 6

Wrap the weaving wire over base wires 4 and 5, behind 4 and 5, then between 3 and 4.



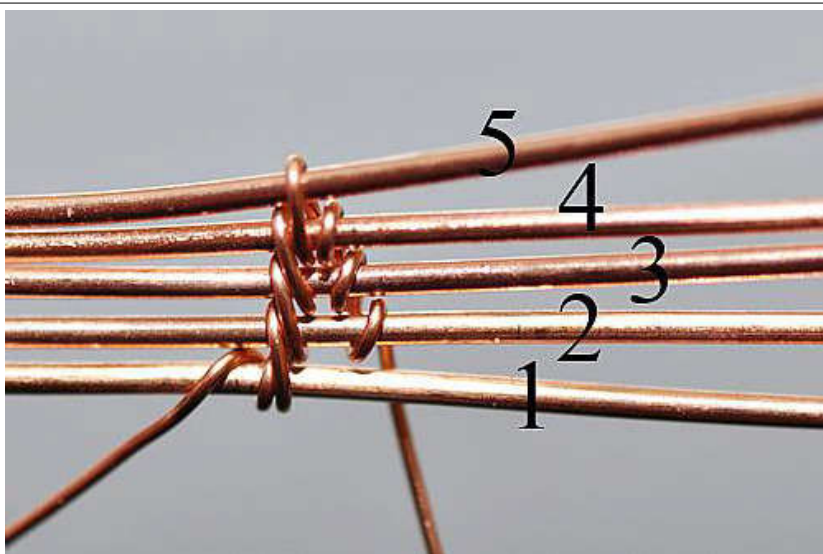
Step 7

Wrap the weaving wire over base wire 4, between 4 and 5, behind 3 and 4, then between 2 and 3.



Step 8

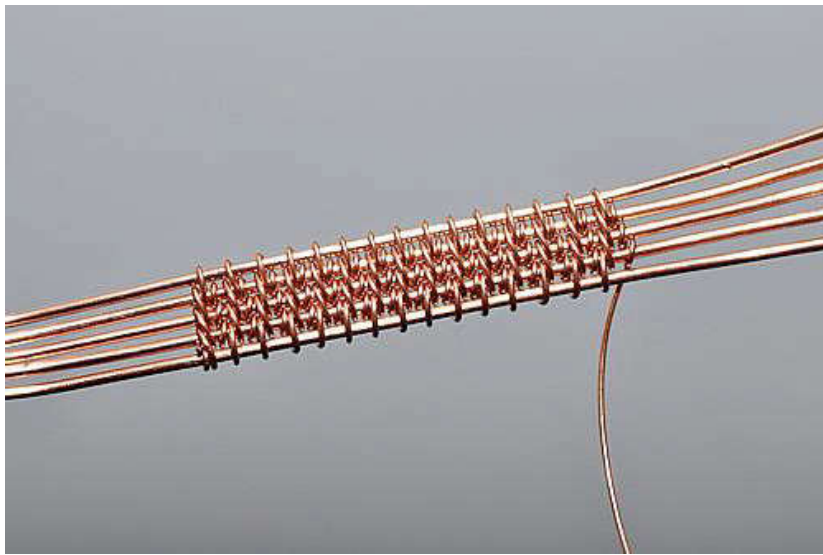
Wrap the weaving wire over base wire 3, between 3 and 4, behind 2 and 3, then between 1 and 2.



Step 9

Wrap the weaving wire over base wire 2, between 2 and 3, then behind 1 and 2.

Steps 3-9 completes one rotation of the 5/1 weave (single coils on a five-wire base).

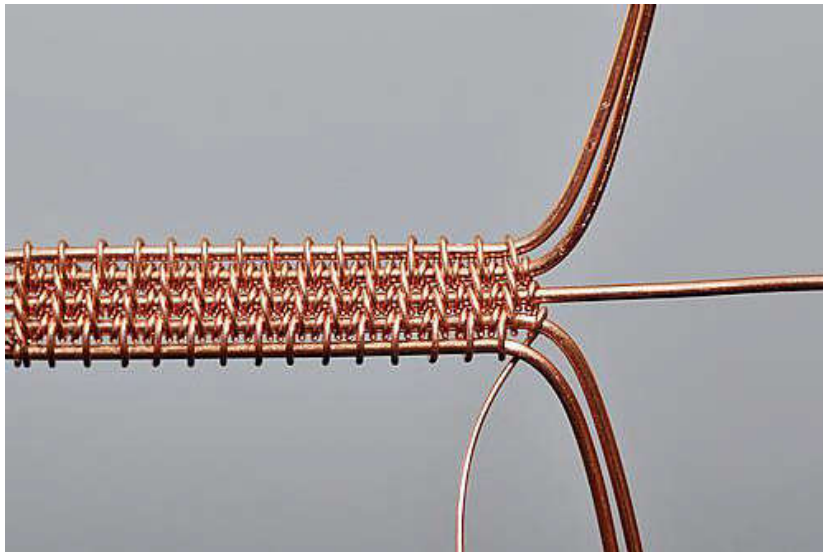


Step 10

Complete 15 rotations of the 5/1 weave.

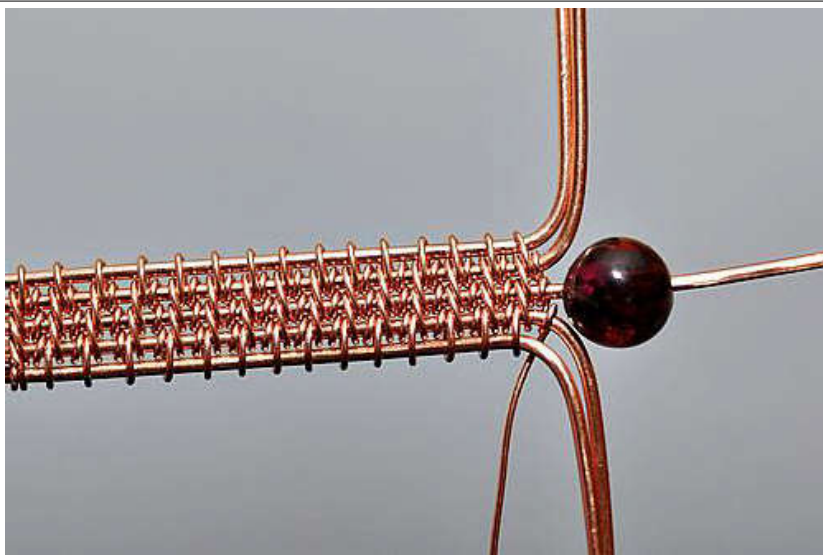
With weaving wires, trim the tail left at the beginning of the weave and discard. Using needle nose pliers, pinch this trimmed end flush against the base wire around which it is wrapped. This should be done any time the weaving wire is trimmed.

With fingers, push the two ends of the weave in towards one another. This creates a compact and compressed finished look and adds stability to the design. Do this every time a weave is complete.



Step 11

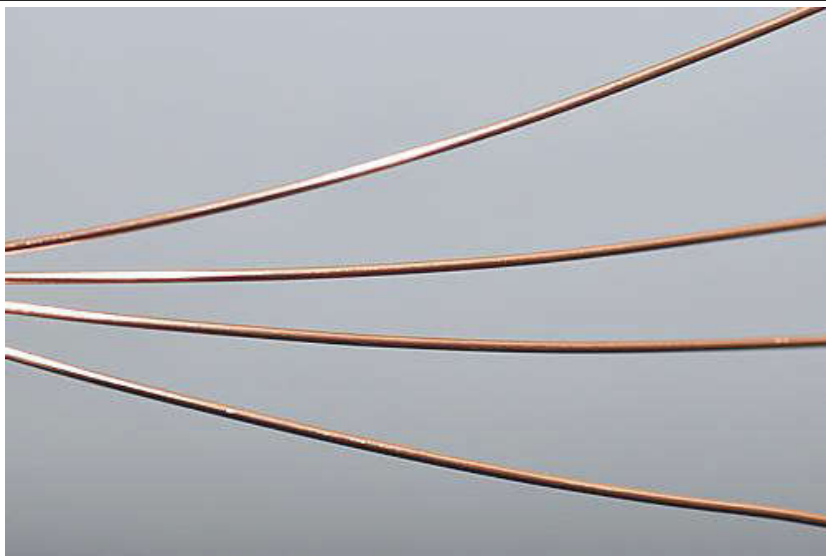
At the end of the 5/1 weave, separate the wires as shown. The middle wire should extend straight. Bend the two upper wires (base wires 4 and 5) upwards at 90 degree angles. Bend the two bottom wires (base wires 1 and 2) downwards at 90 degree angles.



Step 12

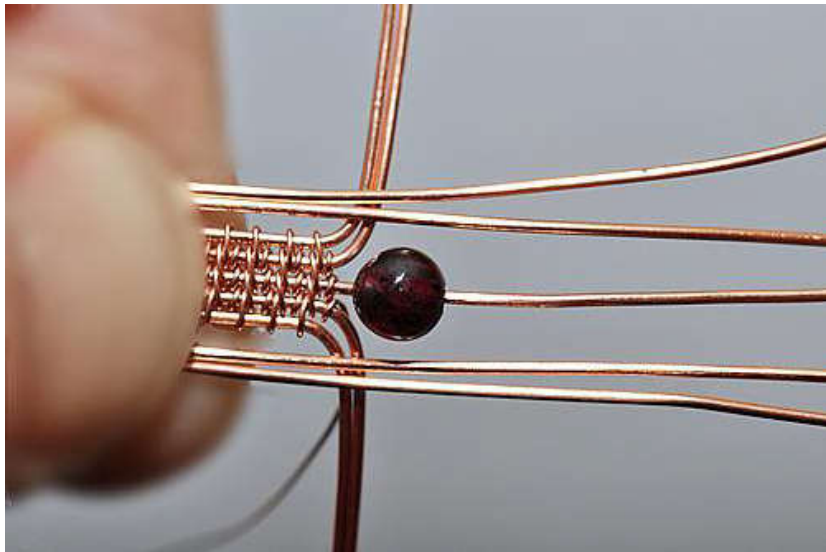
Add a 4mm bead to the middle base wire.

This middle wire will now be referred to as the bead base wire.



Step 13

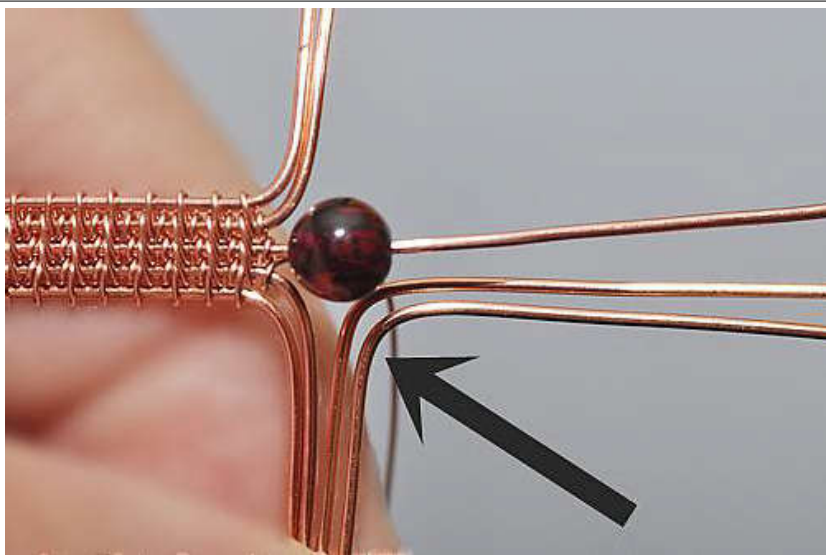
Cut four more pieces of 15cm 22 gauge round wire.



Step 14

Hold these four base wires (cut in the previous step) two on either side of the bead base wire.

Mark or note, on the new wires, where the 90 degree bend occurs on the 5/1 weave base wires.

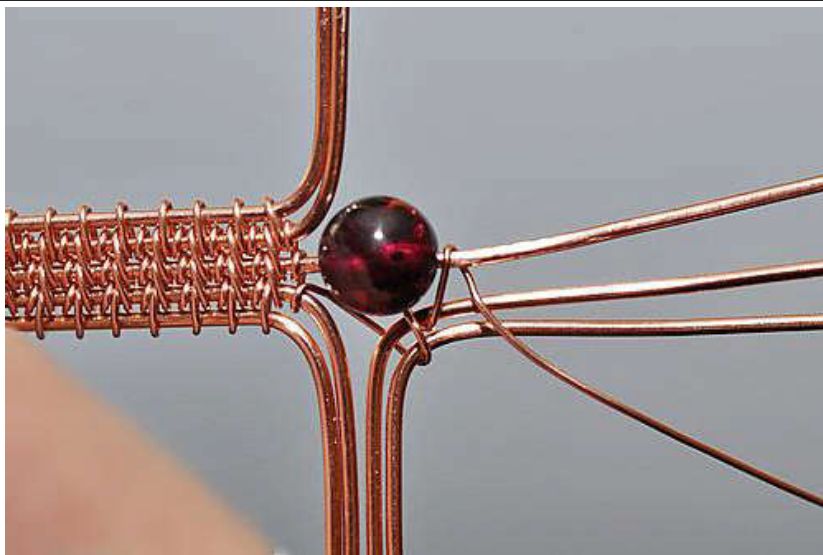


Step 15

Set aside two of these base wires for use in a later step.

Bend the other two base wires in a sharp 90 degree angle, and line them up inside the lower right corner of the cross, at the bottom of the bead. There should be four base wire ends pointing down and three pointing right.

Using scotch tape, tape these four bottom wires together, keeping them flat (do not bunch them).



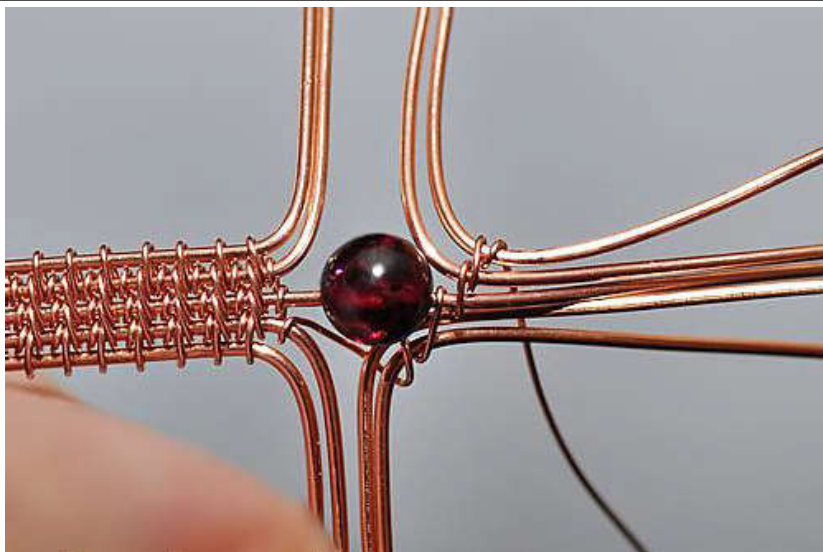
Step 16

Begin another rotation of the 5/1 weave, utilizing the three base wires to the right of the bead.

If the bead will allow, pass the weaving wire through the center of the bead.

OR simply wrap the weaving wire around the bead.

OR cut the weaving wire, leave a small tail for leverage and begin the new weave after the bead.

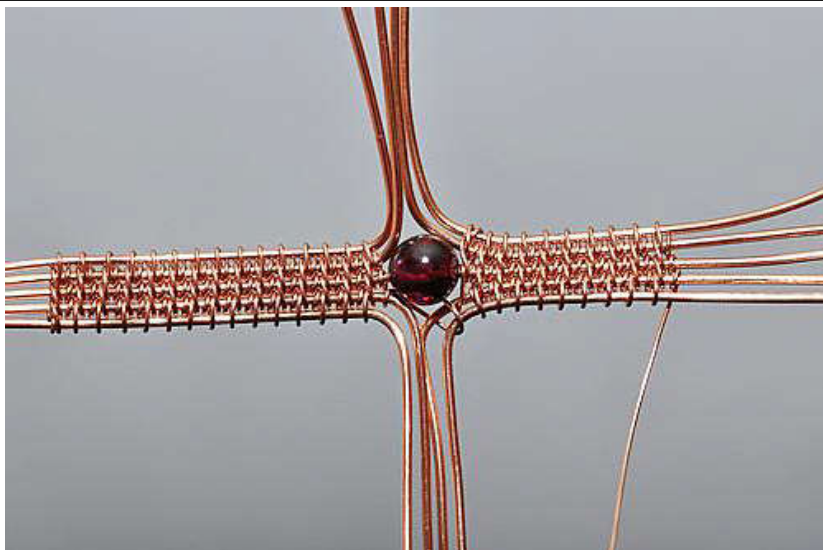


Step 17

Bend the remaining two base wires (set aside in Step 15) in 90 degree angles, and set these wires inside the upper right corner above the bead.

Tape the four upper base wires together.

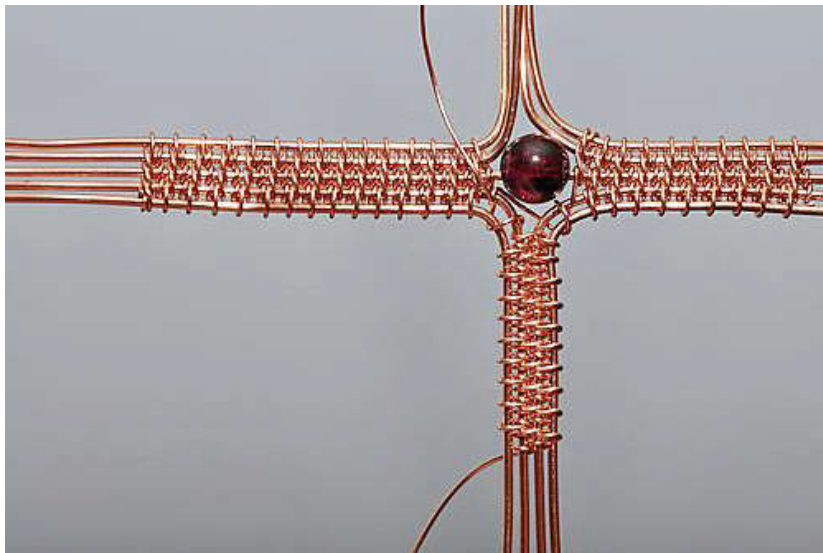
Finish the 5/1 weave rotation, including the two new wires.



Step 18

Complete 10 total rotations of this 5/1 weave, to the right of the bead.

With wire cutters, trim the weaving wire and set aside for use in the next step.



Step 19

Remove the tape around the bottom four base wires.

With the weaving wire (set aside in the previous step), leave a small tail for leverage, and complete 10 rotations of a 4/1 weave, using the same pattern as with the 5/1 weave, minus one base wire.

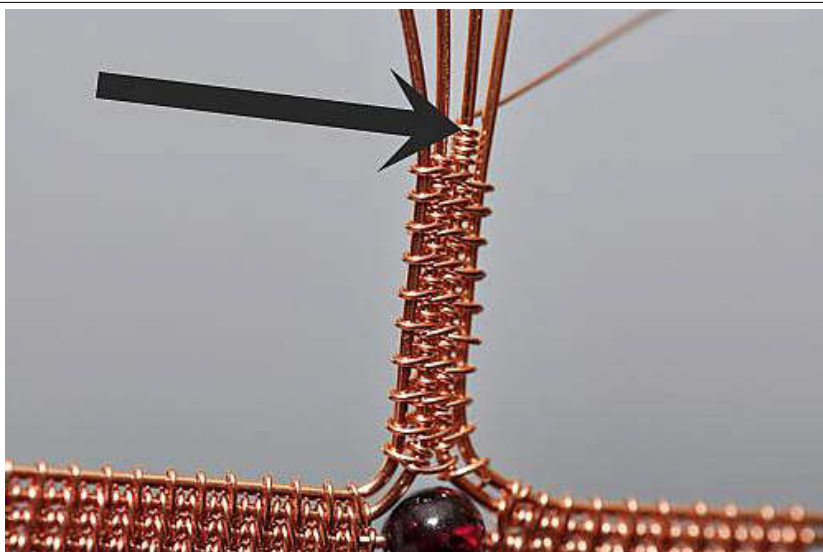
Trim the tail at the beginning of the 4/1 weave and discard. Trim the tail at the end of the 4/1 weave and set aside for use in the following step.



Step 20

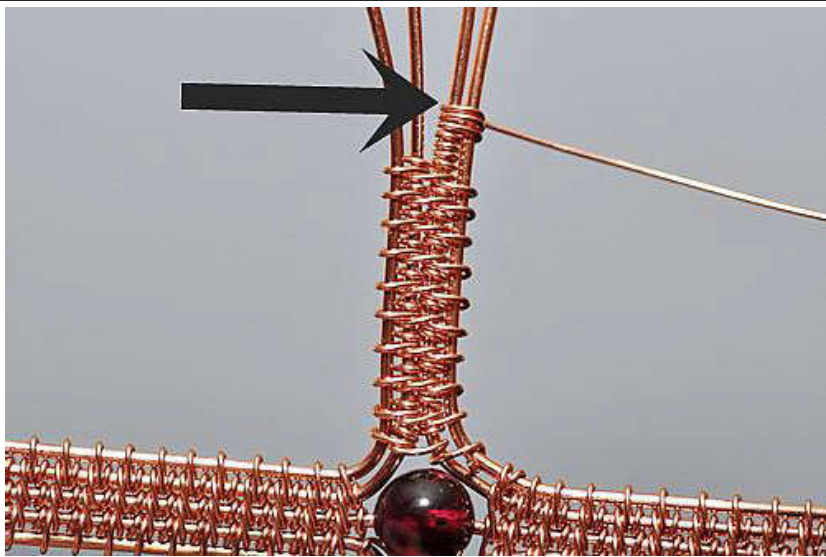
With the weaving wire (side aside in the previous step), leave a small tail for leverage and complete 10 rotations of a 4/1 weave, utilizing the top four base wires.

Trim the tail left at the beginning of this weave and discard.



Step 21

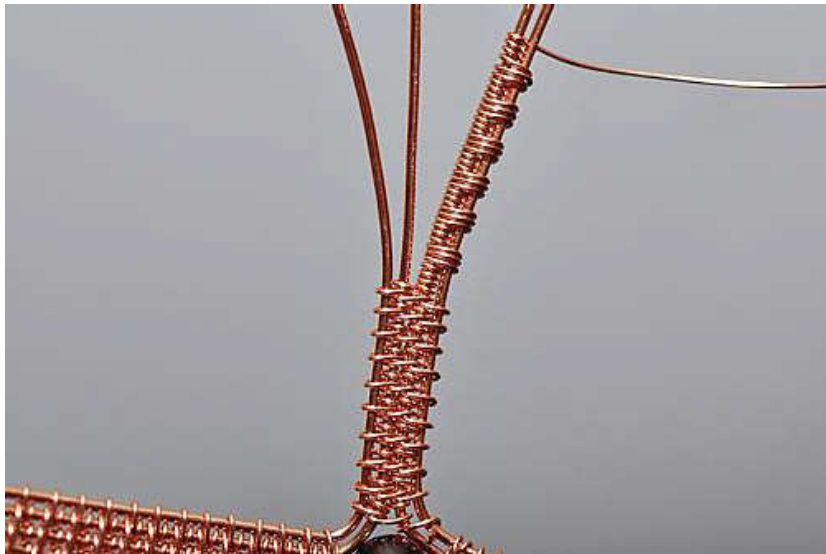
With the weaving wire (still attached to the top four wires), coil three times around the second wire from the right.



Step 22

Coil three times around both the right-most wire and the second wire from the right.

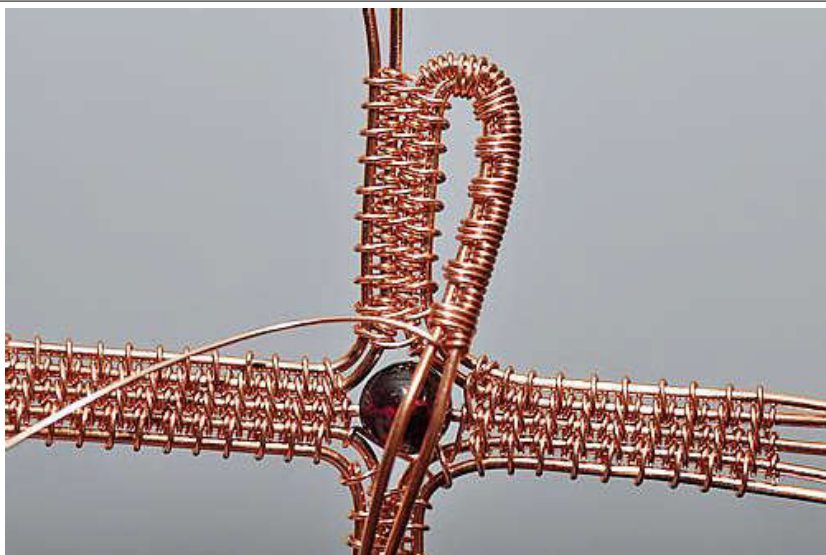
Steps 21-22 completes one rotation of a 3/3 weave (three one-wire coils, three two-wire coils).



Step 23

Complete 7 rotations of the 3/3 weave, beginning and ending with the one-wire coils.

One-wire coils are tighter than coils around multiple wires, thus acting as a “stopper”, preventing the weave from shifting or traveling along the base wires.

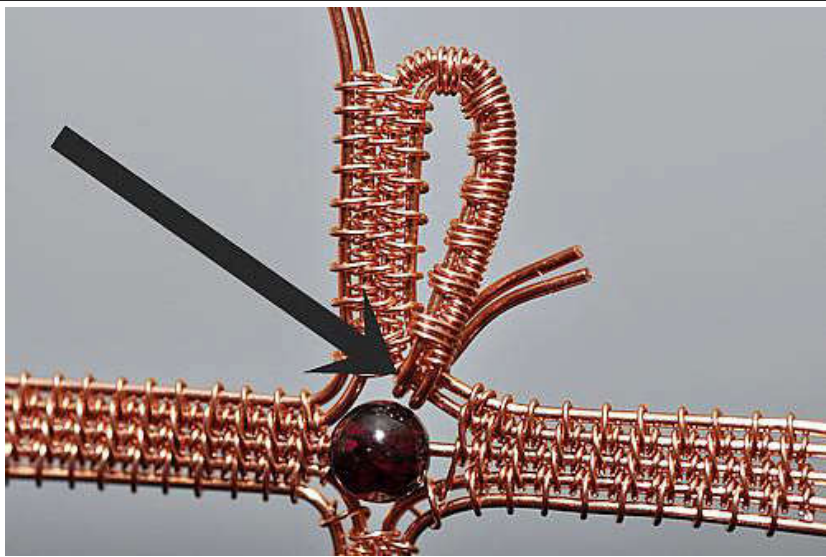


Step 24

Curve the 3/3 weave in a clockwise downward direction towards the top of the bead.

The weave should end at the two upper right corner base wires, above the bead.

Trim the weaving wire and set aside for us in a later step.



Step 25

Run the ends of the 3/3 weave through the center of the cross, between the bead and the two corner base wires that curve above (and to the right of) the bead.

Bend the 3/3 weave base wire ends around the back of these two corner base wires.

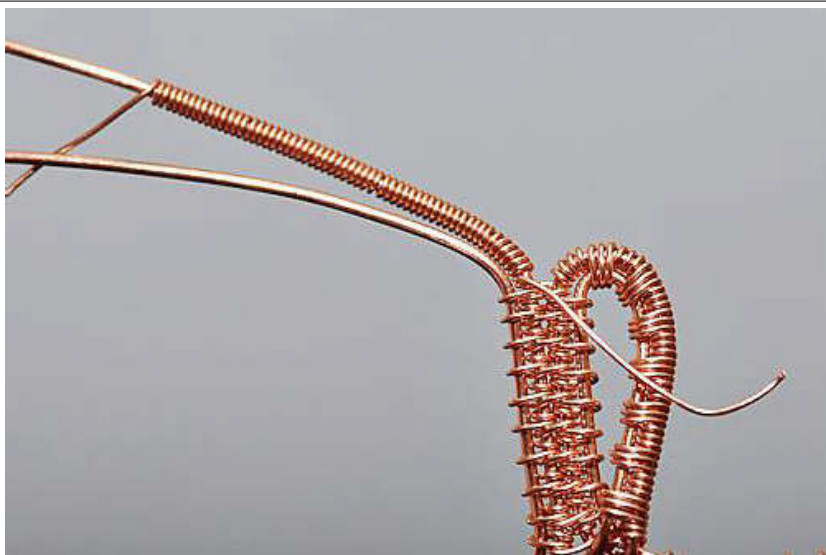


Step 26

Flip the piece to the back.

Trim excess wire from the ends of the 3/3 weave, leaving a tail long enough to completely grip the two corner base wires.

Using needle nose pliers, pinch these 3/3 weave wire ends closed around the two corner base wires.



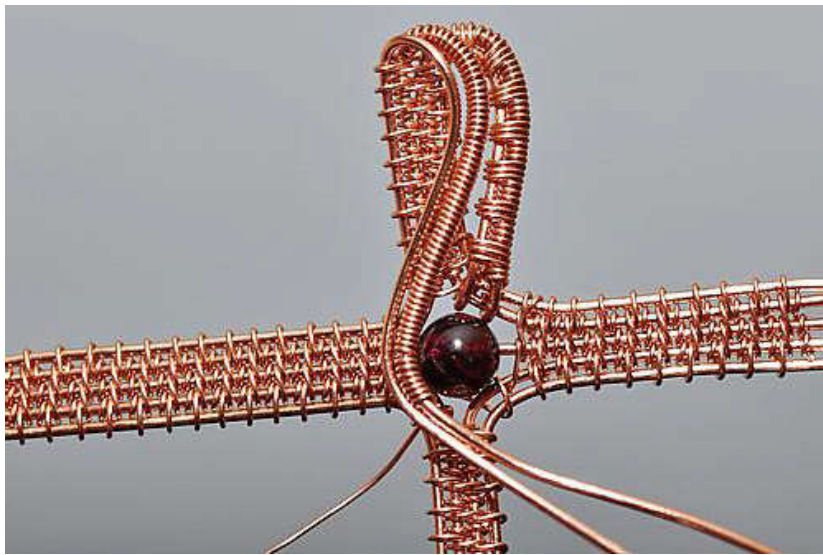
Step 27

Flip the piece back to the front.

With the weaving wire (set aside in Step 24), leave a small tail for leverage and begin a coil around the right most upper 4/1 weave base wire.

Coil about 2cm to start. Coils may be added or subtracted as necessary in the following step.

Trim the tail left at the beginning of the coil.

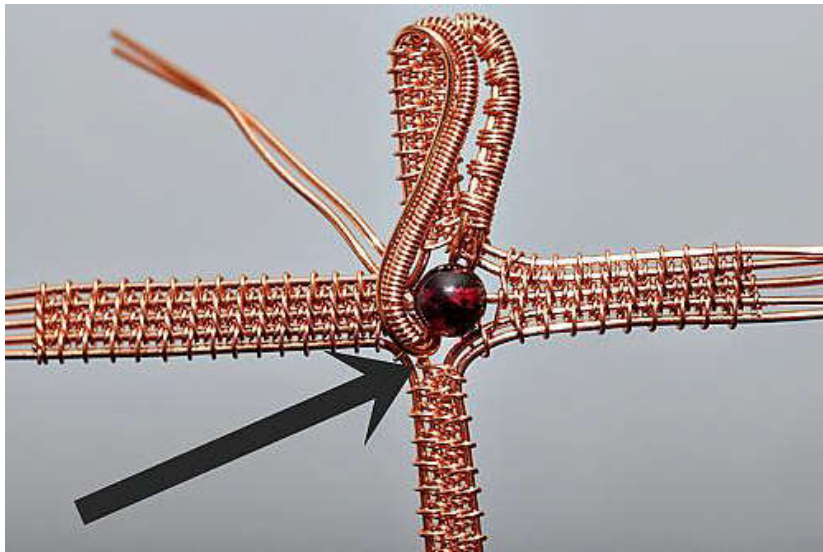


Step 28

Curve both the coiled and uncoiled base wires in a clockwise direction over the top of the 4/1 weave, inside the curve of the 3/3 weave.

Continue to curve the coiled and uncoiled base wires around the left side of the bead.

The coils should end at the bead base wire. Add or subtract coils as necessary. Trim the weaving wire and set aside for use in a later step.



Step 29

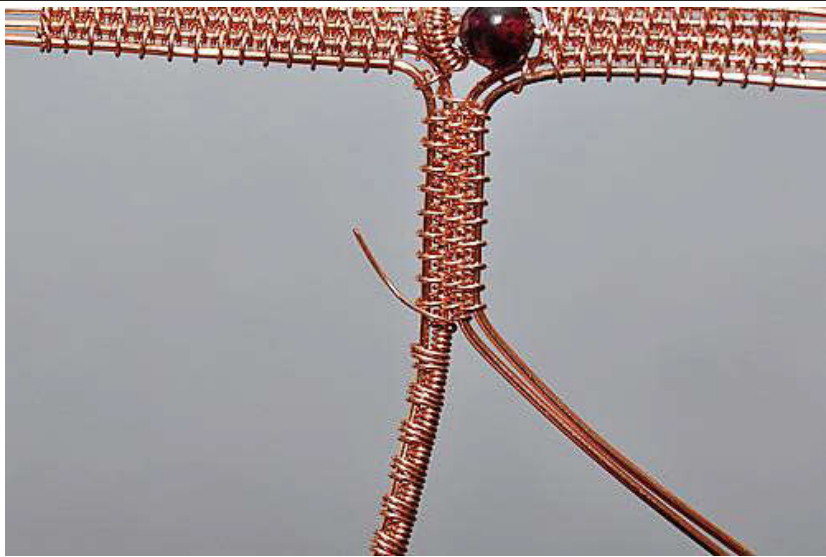
Run the coiled and uncoiled wire ends through the center of the cross, between the bead and the bottom 4/1 weave.

Wrap the coiled and uncoiled wire ends around the back of the bead base wire.



Step 30

Flip the piece to the back. Trim excess base wire and secure, as previously explained in Step 26.

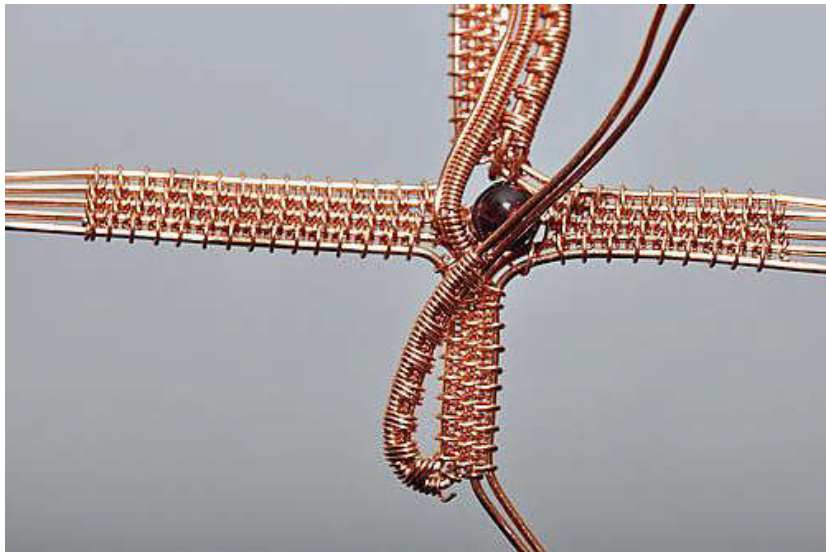


Step 31

Flip the piece back to the front.

With the weaving wire (set aside in Step 28), leave a small tail for leverage and begin a 3/3 weave on the two left bottom base wires.

Note the one-wire coils are on the inner-most of these two wires. This will allow the weave to mirror the 3/3 weave from the previous steps.



Step 32

Curve this 3/3 weave upwards in a clockwise direction. The end of the weave should reach the base of the bead.

Trim the tail left at the beginning of the weave and discard.

Trim the tail at the end of the weave and set aside for use in a later step.



Step 33

Secure the 3/3 weave wire ends by wrapping them around the two bottom left corner wires.

Trim and pinch as previously explained (Step 26).



Step 34

With the weaving wire (set aside in Step 32), leave a small tail for leverage and coil about 2cm on the left-most bottom 4/1 weave base wire.

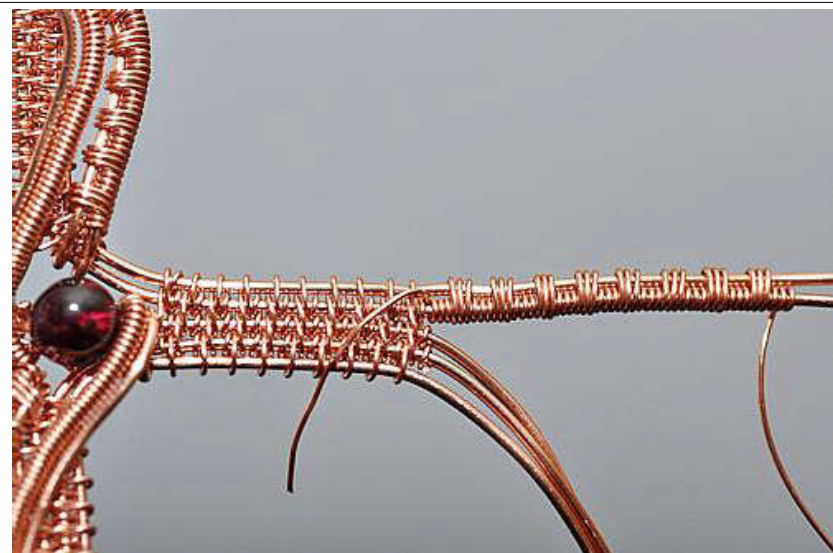
Trim the tail left at the beginning of the coil and discard.



Step 35

Curve both the coiled and uncoiled base wires upwards in a clockwise direction, positioning these wires inside the curve of the 3/3 weave. Continue to curve these wires around the right side of the bead. Secure this weave to the bead base wire, to the right of the bead (as previously explained in Steps 29-30).

Trim the weaving wire at the end of the coil and set aside for use in the next step.

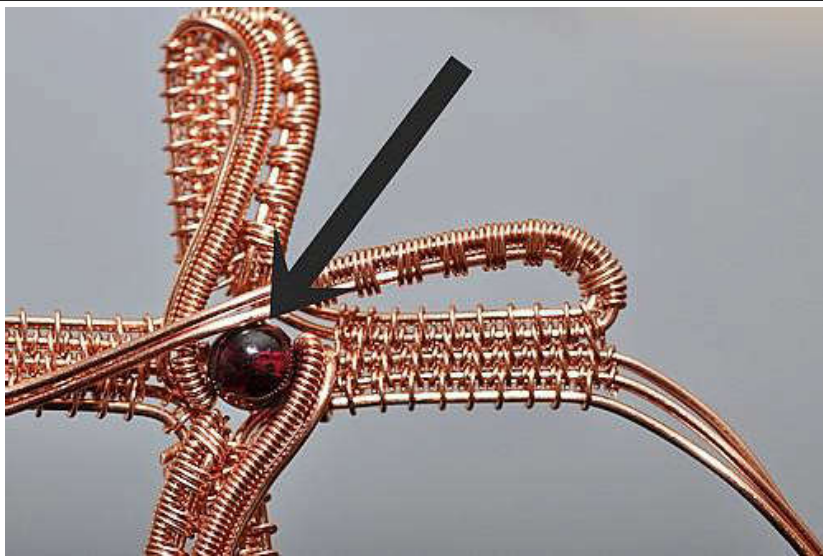


Step 36

With the weaving wire (set aside in the previous step), leave a small tail for leverage and begin a 3/3 weave on the two upper base wires, to the right of the bead (base wires 4 and 5).

Complete 8 rotations of the 3/3 weave.

Trim the tail left at the beginning of the weave and discard.



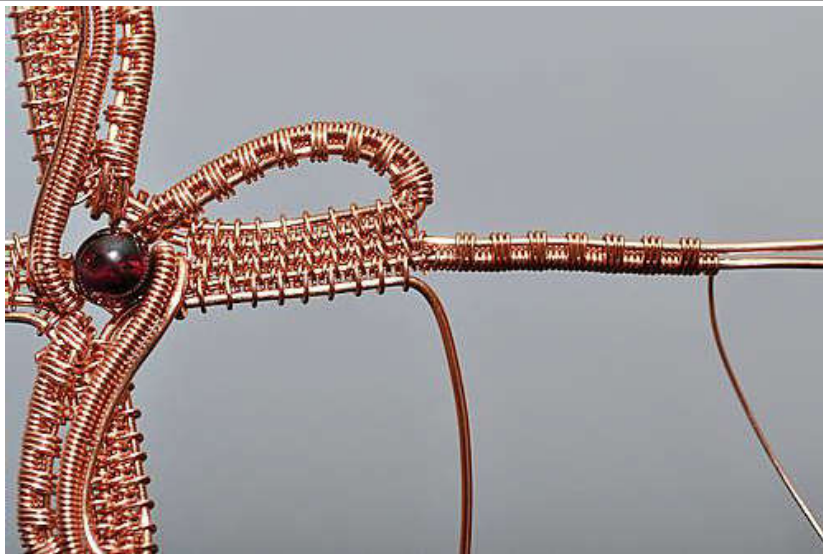
Step 37

Curve this 3/3 weave in a counter clockwise direction over the 5/1 weave and back towards the bead.

The weave should end at the two upper right corner base wires.

Secure these 3/3 weave wires to the upper right corner base wires, as previously explained (Step 26).

Trim excess weaving wire and set aside for use in the next step.

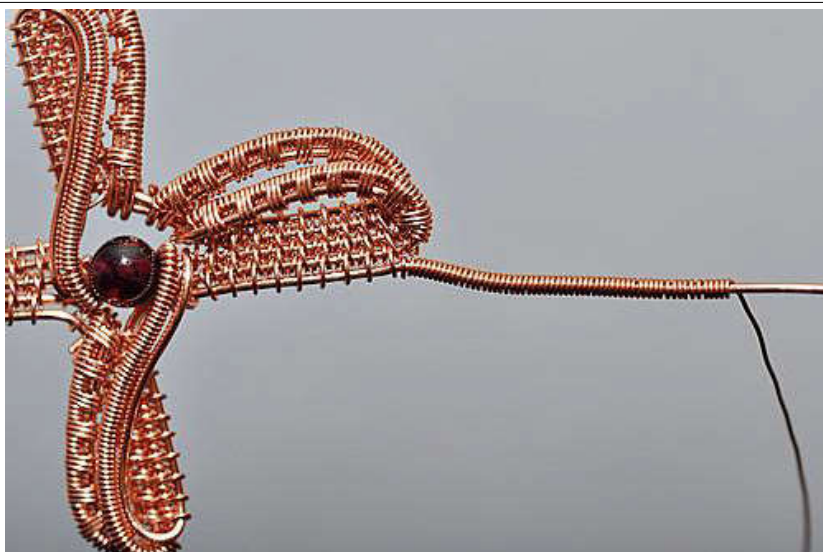


Step 38

With the weaving wire (set aside in the previous step), leave a small tail for leverage and complete 8 rotations of a new 3/3 weave, utilizing the two top remaining base wires (base wires 2 and 3), to the right of the bead.

Trim the tail left at the beginning of the weave and discard.

Trim the tail left at the end of the weave and set aside for use in the next step.



Step 39

Curve this 3/3 weave in a counter clockwise direction, inside the curve of the previous 3/3 weave. Secure these weave wires to the upper right corner base wires as previously explained (Step 26).

With the weaving wire (set aside in the previous step), leave a small tail for leverage and coil about 2cm on the remaining base wire (base wire 1), to the right of the bead.

Trim the tail left at the beginning of this coil and discard.



Step 40

Add a 5mm 18 gauge closed jump ring to the coiled wire. Curve the coiled wire in a counter-clockwise direction over the top of the 5/1 weave, inside the curve of the previous 3/3 weave.

The coils should reach the two upper right corner base wires.

Secure this coiled wire to the two upper right corner base wires, as previously explained (Step 26).

Trim excess weaving wire and set aside for use in the next step.



Step 41

With the weaving wire (set aside in the previous step), complete 11 rotations of a 3/3 weave on the two bottom most base wires (base wires 1 and 2), to the left of the bead.

Curve this weave in a counter clockwise direction towards the bead. The end of the weave should reach the two bottom left corner base wires.

Trim excess weaving wire and set aside for use in a later step.



Step 42

Secure these 3/3 weave wire ends to the lower left corner base wires, as previously explained (Step 26).

(TIP)

If it is difficult to push the ends of the 3/3 weave wires through the center of the cross, wiggle the needle nose pliers between the bead and bottom 4/1 weave to gently spread apart the wires and make room.



Step 43

With the weaving wire (set aside in Step 41), complete 11 rotations of a 3/3 weave on the next two bottom base wires (base wires 3 and 4), to the left of the bead.

Secure these 3/3 weave wire ends to the lower left corner base wires, as previously explained (Step 26).

Trim excess weaving wire and set aside for use in the following step.

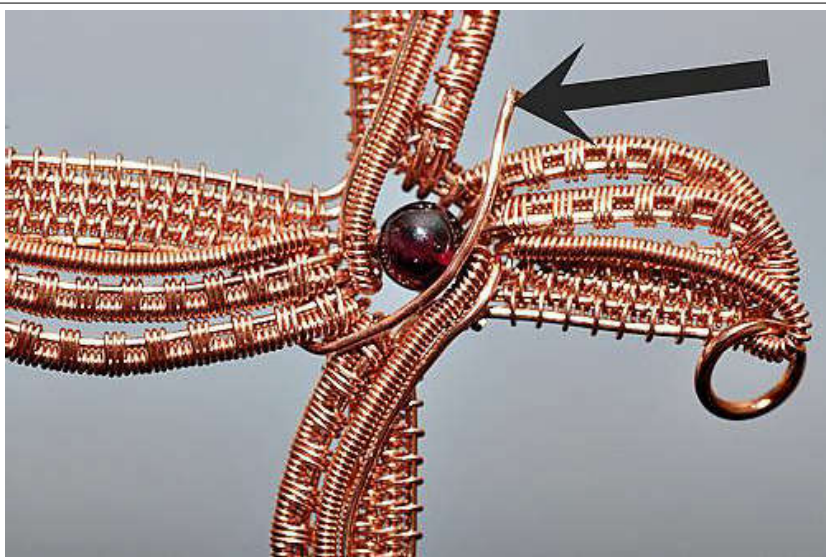


Step 44

With the weaving wire (set aside in the previous step), complete a coil about 2.5-3cm in length on the remaining base wire (base wire 5), to the left of the bead.

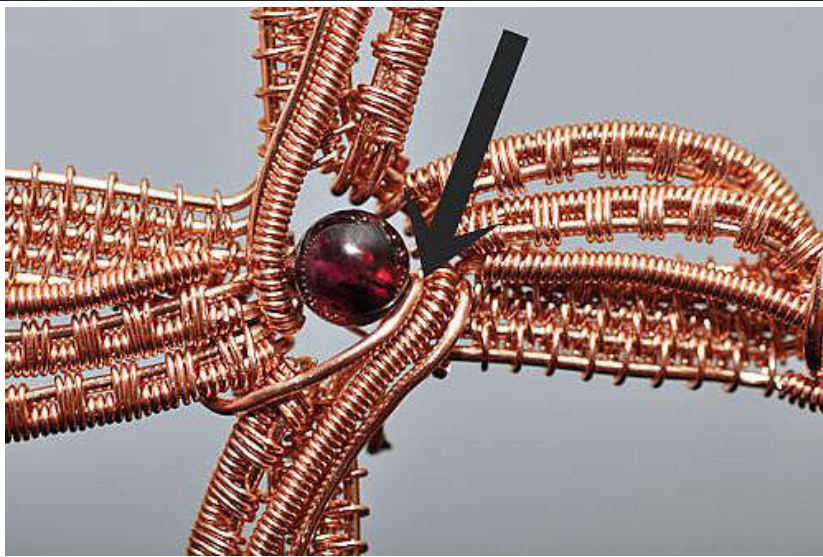
Add or subtract coils as necessary to reach the bead base wire, to the left of the bead. Trim excess weaving wire and discard.

Secure the coiled wire to the two bottom left corner base wires. Do not trim the base wire tail.



Step 45

Wrap the base wire tail over the front of the piece, around the right side of the bead.



Step 46

Run the base wire tail through the center of the pendant, between the bead and upper right corner base wires.

Wrap the base wire tail around the bead base wire. Trim and pinch to secure.



Step 47

With a pair of needle nose pliers, gently pinch the wires, as the curves extend from the 5/1 and 4/1 weaves. This will flatten the piece and keep the weaves from popping up.

To avoid marring or scratching the wires, wrap the cross with a soft dry cloth before pinching with the pliers.



FINISHED!

Oxidize the piece with a Liver of Sulfur solution to emphasize the attention to detail.

For accents, using scrap weaving wire, add small 2mm beads to each arm of the cross, as the 3/3 weaves extend and curve away from the ends of the 5/1 and 4/1 weaves.

Most importantly, have fun and happy weaving!

Nicole

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