



## Beaded Wire Cross Tutorial

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This tutorial teaches you how to make a beaded cross on a simply shaped foundation.

### Materials:

- 7" of 16 gauge wire (dead soft or half hard)
- Approximately 5' 28 gauge dead soft wire
- 12-14 4mm beads

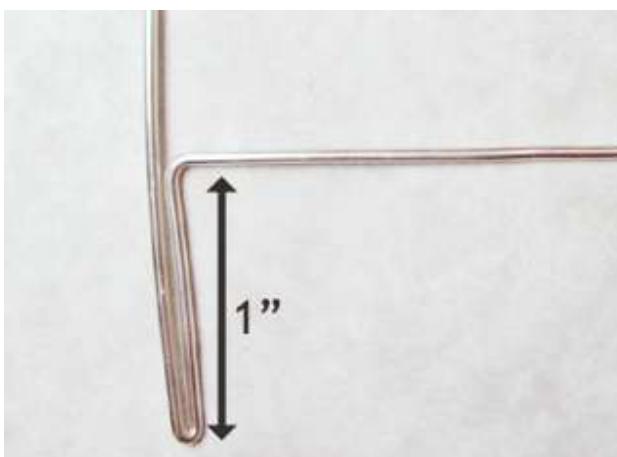
### Tools:

- Wire Cutters
- Flat Nose Pliers
- Needle File or Wire Rounder
- Bail Making Pliers, Mandrel, or other round object approximately 3/16" in diameter
- Chasing Hammer
- Bench Block or other suitable metal surface



**Step 1**

Bend the 7" piece of 16g wire in half. Use your flat nose pliers to press the wire together on each side of the bend. Make sure to leave just enough room for the 28g wire to fit through.

**Step 2**

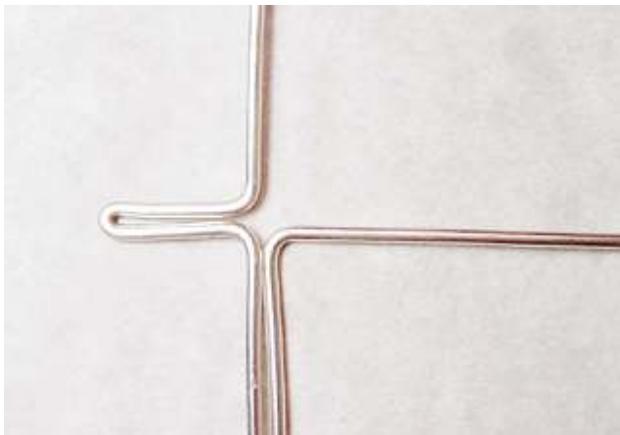
1" above the bottom, bend one of the wires outward at a 90° angle.

**Step 3**

Repeat step 2 on the second wire.

**Step 4**

$1/2"$  from center, bend the wire on the left hand side in the same manner as the first bend from step 1.



### Step 5

Bend the wire upwards again at a 90° angle, even with the lower section of wire near the center.



### Step 6

Repeat steps 4 and 5 on the right side.



### Step 7

Hammer the frame you just created to harden the wire. Be careful not to hammer too hard, as it will flatten the wire.

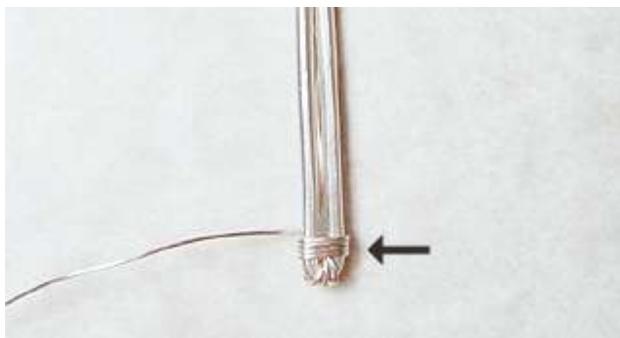
Only hammer up to  $\frac{1}{2}$ " above the center of the cross.



### Step 8

Wrap the 28g wire onto the bottom of the frame 3 times. You may have to separate the sides of the cross just a little bit to get the wire in there.

Leave the tail of the wire about  $\frac{1}{2}$ " long and let it lay against the back side of the cross.

**Step 9**

Press the sides of the cross together again and wrap with the 28g wire 4 times. As you wrap the wire, make sure to cover the tail from the previous step.

**Step 10**

Slip one bead onto the wire and wrap it onto the cross frame. Wrap the frame 4 more times.

**Step 11**

Continue adding beads, wrapping 4 times between each one, until you reach the center of the cross.

**Step 12**

Wrap the wire 2-3 times around the part of the frame on the left side between the bottom and left section of the cross.

**Step 13**

Bring the wire along the back side of the left section and wrap 3 times on the end of the left side of the cross.

**Step 14**

Wrap the wire around the end of the left side of the cross 4 times.

**Step 15**

Add beads to the left section in the same manner as the bottom section.

**Step 16**

Bring the wire around the back of the cross and wrap it 2-3 times around the frame between the bottom and right hand section of the cross.

**Step 17**

Bring the wire along the back side of the right section and wrap 3 times on the end of the right side of the cross.



### Step 18

Add beads to the right section in the same manner as the left and bottom sections.



### Step 19

Slip a bead onto the wire and wrap it onto the center of the cross diagonally across the front.



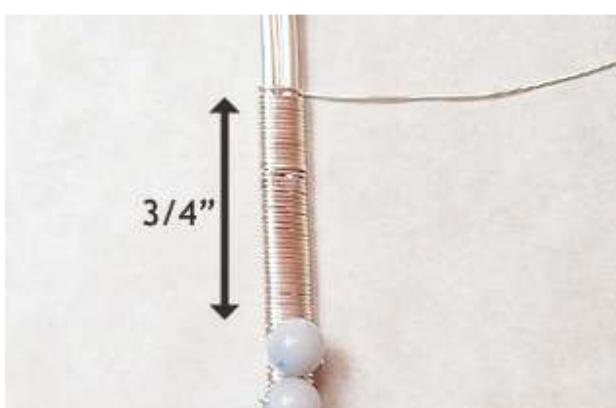
### Step 20

Wrap the wire around the bottom of the top section of the cross 4 times.



### Step 21

Add beads in the same manner as before to the top section of the cross.



### Step 22

Continue wrapping wire around the top of the wires until you have a section that is  $\frac{3}{4}$ " long, starting at the top of the last bead.



### Step 23

Separate the wires above the wrap just barely enough to slip the 28g wire between them. Wrap the 28g wire around one of the top wires 4-5 times. Cut the wire and press it against the 16g wire.



### Step 24

Cut the wires just above the end of the wrapping from the previous step. File the ends smooth.



### Step 25

Bend the top of the cross towards the front at a 90° angle just above the top bead.



### Step 26

Using your bail making pliers, mandrel, or other round object the right size, shape the wires into a half circle.



### Step 27

Using your flat nose pliers, bend the wires in the back down to meet the bottom of the bail.

It may seem like this type of bail would be a little bit unstable, but the 16g wire is thick enough and strong enough to keep it together.



### Step 28

There may be some beads that seem a little bit crooked at this point. Adjust them so that everything looks right.



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