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## ***Hardware Necklace***



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If you have comments or suggestions about this project, please feel free to email me. I would love to hear from you.

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# What You Will Need



## Materials

- 1 yard of waxed linen thread
- Fabric glue
- 9 suspension springs 1 1/4"x3/4"
- 20 red glass accent beads (8mm)
- 16 black glass accent beads (8mm)
- 10 oval fishing weights (12mm)
- 1 section of brass tubing (3/16"x12")
- 1 section of copper tubing (3/16"x 12")
- 18 steel washers (1")
- 1 brass washer (3/4")
- 1 brass plated picture hanger (7/8")
- 20 sterling jump rings (18 gage, 3.2mm)



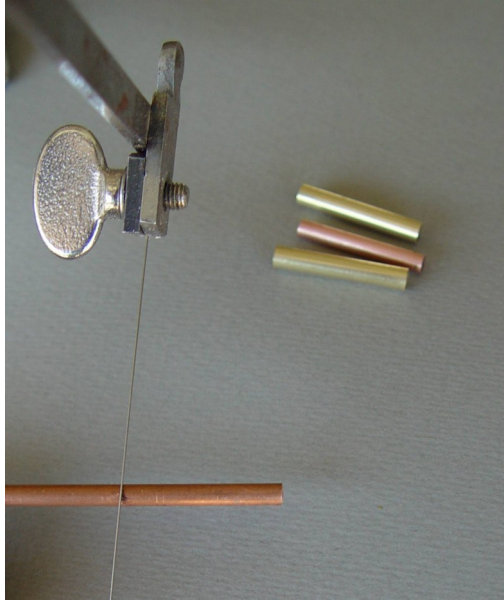
## Tools

- Jeweler's saw with medium blade
- Small C clamp
- Hand drill / electric drill
- Small drill bit (1/16")
- Scissors
- 2 pair of chain nose pliers

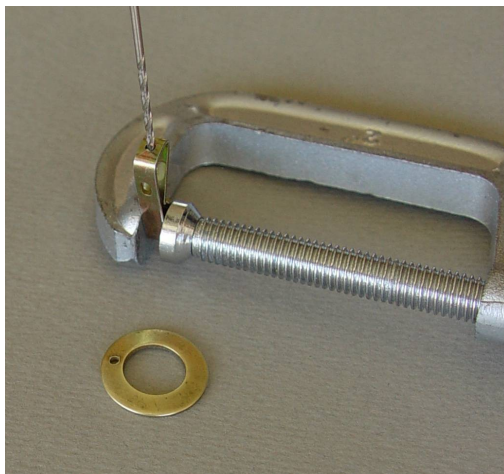
These are the materials I used to create a 23" chain. Use more or less beads to suit your needs. I liked this color combination, but choose beads that resonate with your personality. You could also add other hardware elements from your stash. The necklace took less than an hour to assemble once I had collected the materials. What a great project for using items in the garage to make incredible beads for jewelry. This piece is a reasonable weight and perfect for casual wear.

**I believe the fishing weights are made from lead, so I would not recommend wearing this neckpiece next to the skin. I wear mine over a blouse or black turtleneck sweater.**

# Let's Get Started



**1.** To prepare materials for stringing, use a jeweler's saw with a medium blade and cut two pieces of copper tubing and two pieces of brass tubing 1 ¼ " long.



**2.** Insert a small drill bit (1/16") into your hand drill. Drill a small hole in a ¾" brass washer and drill a small hole in the end of a 7/8" brass plated picture hanger. I secured the picture hanger in a small C clamp but use what you have available to hold the picture hanger in place.



**3.** Cut a length of waxed linen thread about a yard long. Knot it onto two closed sterling jump rings and apply a dot of glue to the knot. Add a fishing weight, a steel washer, 4 red glass accent beads, a suspension spring, a steel washer, a black bead, a fishing weight, a black bead, a steel washer, a suspension spring, a section of copper tubing, a steel washer, a black bead, a fishing weight, a black bead, a steel washer, a suspension spring, 4 red beads, a steel washer, a black bead, a fishing weight, a black bead, a steel washer, a suspension spring, a section of brass tubing, etc Continue adding the components until all the pieces are in place.



**4.** Tie the last fishing weight to two sterling jump rings and add a touch of fabric glue to complete the strand. Next, use your chain nose pliers and sterling jump rings to build a short double link chain. I used 6 double lengths on one end to create a 23" chain. If you would like a longer chain, add more silver lengths to each side. Finally, connect the brass washer to one end of the strand and the picture hanger to the other. Your necklace is now complete.

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