

Circles and Swirls by FusionBeads.com



Approximate finished length: 18.5 inches

Beads and other products needed for one necklace:

- 1 - 14.5x10mm Antique Silver Plated Pewter Leaf Toggle Clasp by TierraCast® (SP2131)
- 18 inches - 3mm Imitation Rhodium Plated Steel Oval Cable Chain (CN5811)
- 4 - 4mm Silver Plated Base Metal 21 Gauge Open Jump Rings (BM2723)
- 1 - 18 gauge Fine Silver Wire (FW0109)
- 1 - 3x3 inch 24 Gauge Copper Sheet Metal (ME0115)
- 1 - 3x3 inch 24 Gauge Brass Sheet Metal (ME0109)
- 1 - 3x3 inch 24 Gauge Nickel Sheet Metal (ME0112)
- 1 - 3x3 inch 22 Gauge Nickel Sheet Metal (ME0111)

Tools needed to complete the necklace:

- 6mm Swirl Metal Stamp by ImpressArt
- 6mm Circle Design Stamp by ImpressArt
- 3mm Small Dandelion Design Stamp by ImpressArt
- 1 lb Heavy Brass Hammer
- Riveting Hammer
- 2.5 Inch Polished Bench Block
- Premium Disc Cutter Set
- 24 Piece Dapping Punch Set with Block
- 1.25mm Metal Hole Punch Pliers (TL2242)
- Saw Frame 5 in. Adjustable
- Antelope Saw Blade - 2 Cut
- V-Slot Bench Pin with Clamp
- Cut Lube
- 3 Grit Emery Stick
- 2 Grit Emery Stick
- 1 Grit Emery Stick
- 2/0 Grit Emery Stick
- 3/0 Grit Emery Stick
- 4/0 Grit Emery Stick
- Pro Polish Pads
- Permanent marker
- Self-adhesive label paper
- Scissors

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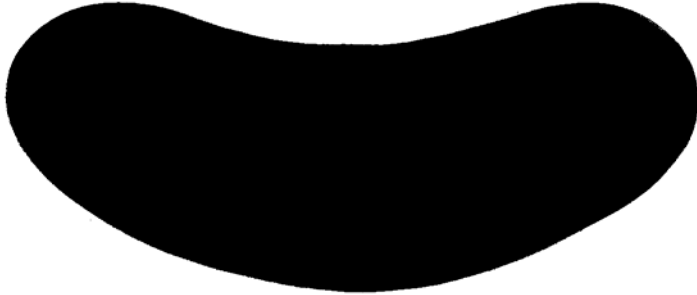
Beading Techniques needed to complete the necklace:

Setting Up the Saw Blade in the Saw Frame
Sawing a Design Out of Sheet Metal
Sanding and Filing Sheet Metal
Metal Stamping
Antiquing Silver
Disc Cutting
Dapping
Basic Riveting
Opening and Closing a Jump Ring

Instructions to complete “Circles and Swirls” necklace:

Step 1

Print the template below for the necklace base onto label paper (see Sawing a Design Out of Sheet Metal Technique), and adhere the shape onto the stamped nickel sheet metal.



Step 2

Set up the saw blade (see Setting Up the Saw Blade in the Saw Frame Technique). Lubricate the saw blade with cut lubricant. Apply lubricant to the back of the sheet metal.

Step 3

Cut out the shape from the sheet metal.

Step 4

Peel off the label, and wipe the shape clean of residual adhesive.

Step 5

Using emery sticks, sand and file the edges of the sheet metal (see Sanding and Filing Sheet Metal Technique).

Step 6

Tape the shaped metal onto a bench block. Using the swirl stamp, make a random pattern on the metal as desired (see Metal Stamping Technique). Hold each stamp straight up and down. Hit the top of the stamp with one good hard blow.

Step 7

Blacken the stampings with a permanent marker (see Antiquing Silver Technique). When the ink is dry, polish with a Pro Polish Pad.

Step 8

Using the circle, swirl and dandelion stamps, make random patterns as desired on the 24 gauge copper, nickel and brass sheet metal, leaving some parts of the sheets unstamped.

Step 9

Blacken the stampings with a permanent marker.

Step 10

Open the disc cutter enough to slide sheet metal between the blocks (see Disc Cutting Technique). Insert one of the 24 gauge sheet metal pieces between the blocks of the disc cutter. Tighten the disc cutter, and insert the appropriate punch (see below). Punch out the following discs from the sheet metal, cutting some discs from the unstamped portions of the sheets:

Nickel:

1 – ½”
1 – 7/8”
2 – 9/16”

Copper:

1 – 7/16”
1 – ½”
1 – 5/8”
1 – ¾”
1 – 7/8”

Brass:

1 – 9/16”
3 – 11/16”

Step 11

Using the metal hole punch pliers, punch a hole in the center of each disc.

Step 12

Set one disc, stamped side up, into the depression in the dapping block that best matches the size of the disc (see Dapping Technique). Choose a dapping punch that is a little smaller than the disc. Tap the punch with the hammer until the disc is completely formed to the depression in the dapping block. Use a Pro Polish pad to polish the disc.

Step 13

Repeat the previous step with each remaining disc.

Step 14

Arrange the dapped discs on top of the necklace base as shown in the photo or as desired, stacking some smaller discs inside larger discs. Use a marker to indicate hole placement in the necklace base. Using the hole punch pliers, punch a hole in the necklace base for each disc or disc stack. In addition, punch one hole in the upper left and one hole in the upper right of the base for the chain attachment.

Step 15

Place the necklace base on the bench block.

Step 16

Stack the first disc or pair of discs into position on the necklace base. Cut the 18 gauge wire for a rivet (see Basic Riveting Technique). Insert the wire through the holes in all pieces. Using the chisel-shaped end of the riveting hammer, lightly tap across the rivet. Continue turning and tapping across the rivet. Finish the rivet as shown in the technique.

Step 17

Repeat the previous step with each of the remaining discs.

Step 18

Using wire cutters, cut the chain into two 9-inch lengths.

Step 19

Open one jump ring (see Opening and Closing a Jump Ring Technique). Use the jump ring to attach one end link of one chain length to one corner hole in the necklace base. Close the jump ring.

Step 20

Repeat the previous step with the second chain length and the second corner hole in the necklace base.

Step 21

Open two jump rings. Use one jump ring to attach one side of the toggle clasp to the chain on one side of the necklace, and the other jump ring to attach the other side of the clasp to the other side of the necklace. Close both jump rings.

For step-by-step photos and instructions on these and other techniques, visit FusionBeads.com and select Beading Techniques from the top navigation bar. You'll find more Inspiration jewelry ideas at FusionBeads.com!