Sizing Formulas for Rings

All of the formulas listed are basic guidelines for sizing rings. Variations in your particular technique may cause your ring to be a slightly different size. How tightly you wrap the wire around the ring mandrel and how close your cuts are on your coil will affect the final size of the ring. Before you make a bunch of rings, try it out and see if you need to vary any of these formulas.

Smooth Band (for Blingin' Button Ring): ½ to ¾ of a size smaller than desired finished size.

Textured Band: 12-gauge wire: 2½ sizes smaller than desired finished size. 10-gauge wire: 3½ sizes smaller than desired finished size.

Coiled Band: It takes about ¼ inch (.6 cm) of wire to create a ball that is 6mm in size. This formula is broken down at right to help you determine how to make a ring larger or smaller.

Half Coil

DESIRED FINISHED SIZE	LENGTH		TOTAL LENGTH TO CUT
5	2¼" (5.7 cm)	+	½" (1.3 cm) (BALL) = 2¾" (7 cm)
6	2⅜" (6 cm)	+	½" (1.3 cm) (BALL) = 2⅞" (7.3 cm)
7	2½" (6.4 cm)	+	½" (1.3 cm) (BALL) = 3" (7.6 cm)
8	2⅝" (6.7 cm)	+	½" (1.3 cm) (BALL) = 3⅛" (7.9 cm)
9	2¾" (7 cm)	+	½" (1.3 cm) (BALL) = 3¼" (8.3 cm)
10	2⅞" (7.3 cm)	+	½" (1.3 cm) (BALL) = 3⅜" (8.6 cm)
11	3" (7.6 cm)	+	½" (1.3 cm) (BALL) = 3½" (8.9 cm)

Single Coil

DESIRED FINISHED SIZE	LENGTH		TOTAL LENGTH TO CUT
5	4½" (11.4 cm)	+	½" (1.3 cm) (BALL) = 5" (12.7 cm)
6	4¾" (12.1 cm)	+	½" (1.3 cm) (BALL) = 5¼" (13.3 cm)
7	5" (12.7 cm)	+	½" (1.3 cm) (BALL) = 5½" (14 cm)
8	5¼" (13.3 cm)	+	½" (1.3 cm) (BALL) = 5¾" (14.6 cm)
9	5½" (14 cm)	+	½" (1.3 cm) (BALL) = 6" (15.2 cm)
10	5¾" (14.6 cm)	+	½" (1.3 cm) (BALL) = 6¼" (15.9 cm)
11	6" (15.2 cm)	+	½" (1.3 cm) (BALL) = 6½" (16.5 cm)

Double Coil

DESIRED FINISHED SIZE	LENGTH		TOTAL LENGTH TO CUT
5	6¾" (17.1 cm)	+	½" (1.3 cm) (BALL) = 7¼" (18.4 cm)
6	7⅛" (18.1 cm)	+	½" (1.3 cm) (BALL) = 7⅝" (19.4 cm)
7	7½" (19.1 cm)	+	½" (1.3 cm) (BALL) = 8" (20.3 cm)
8	7⅞" (20 cm)	+	½" (1.3 cm) (BALL) = 8⅜" (21.3 cm)
9	8¼" (21 cm)	+	½" (1.3 cm) (BALL) = 8¾" (22.2 cm)
10	8⅝" (22 cm)	+	½" (1.3 cm) (BALL) = 9⅛" (23.2 cm)
11	9" (22.9 cm)	+	½" (1.3 cm) (BALL) = 9½" (24.1 cm)