

# Make your own Jump Rings

Can't get enough jump rings? Love chain mail? Dig intricate designs? Learn to make your own custom jump rings consistently and easily.



## steps

### Winding the coils

1. Select a mandrel that matches the desired size of your jump ring (for example, if you want to create a jump ring with a 5mm inside diameter, select a 5mm mandrel). Also choose the wire you wish to make jump rings out of—and for an interesting twist, mix up your metals with twisted wire!

**Tip:** Step down on your mandrel size when working with hard wire to make up for the coil spring-back.



2. Place the mandrel in the winder of the round jump ringer system and use the chuck key to tighten it. Using your selected wire, feed the wire into the gap between the teeth of the winder jaw. Bend the wire slightly into place and use your thumb to guide as you wind, creating multiple loops. Create a coil long enough to fill the coil holder that comes with the round jump ringer system. Remove the coils from the mandrel and cut off the bent end of the wire. **Tip:** If you're creating a large number of jump rings, use a ring clamp to guide instead of your thumb.



### Cutting the coils

3. Prepare the flex shaft handle by adjusting the blade guard/guide over the handpiece to correspond with the coil holder. Slide the metal blade onto the flex shaft handpiece and tighten. Centrally line up the blade guide over the blade, then thumb-tighten the nut.



4. Generously add Bur-Life® lubricant to the coil and place the coils inside the coil holder, leaving about a 1" gap on either side of the coil width. When selecting your coil holder, ensure the coil length sticks out of the holder a bit. Support the coil by inserting a wooden dowel rod into the coil opening—the tighter the better, but it does not need to be an exact fit. **Please Note:** Do not use a metal rod for this step.



5. Cap the coil holder with the cover and clamp it down with the cap screws. Fit the blade of the flex shaft in the track. Start the blade, then from one end of the coil holder to the other, move the flex shaft along the full length of the coil in a smooth, even motion at full speed. Let the blade stop before you pull it out and release all your newly formed jump rings. **Please Note:** Always wear your safety glasses when operating a flex shaft.



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## supplies:

Description	Order #
Round Jump Ring System (includes mandrels, winder, saw blade guide/guard, blades, a Bur-Life® stick)	110-170
Foredom® SR Motor with 30® Handpiece Flex Shaft System	117-534
Flex Shaft Swing-Away™ Motor Stand	117-291
Jump Ringer™ Finger- or Toe-Ring Mandrel Set	110-073
Jump Ringer™ Deluxe Metric Mandrel Set	110-186
Blade for Round Jump Ringer™	110-162
Bur-Life® Lubricant, Stick	117-003
Copper Round Wire, Dead Soft	132-318
Colourcraft® Wire 12-Pack Assortment	635-556
Safety Glasses	201-054
Ring Clamp	113-105
Wood Dowel Rod	—



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