

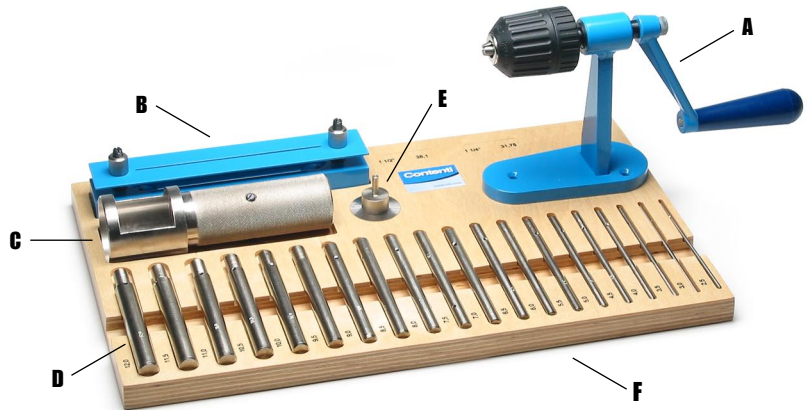
# Contenti

## INSTRUCTIONS FOR JUMP RING MAKER

No. 400-125

### Parts List

- A** Hand winder with keyless chuck
- B** Self-adjusting coil holder
- C** Handpiece guide
- D** 20 Coiling mandrels (2.5 to 12 mm dia.)
- E** Sawblade (31.75 mm dia.) + mounting arbor  
*larger diameter sawblade (38 mm) available separately.*
- F** Wood mounting stand  
Coil Stop (small brass rod)  
3 Screws (for mounting hand winder)



**NOTE:** A FLEXIBLE SHAFT MACHINE AND A NO. 30 (1" DIA.) HANDPIECE ARE REQUIRED TO OPERATE THE JUMP RING MAKER.

### Installation

1. Using the included screws, mount the hand winder to the wood mounting stand or to your benchtop.
2. *If the wire you will be cutting is thicker than 18 gauge (1.02 mm) you will need to purchase the optional 38 mm diameter sawblade (Item no. 400-126).* To install your sawblade in the mounting arbor, remove the screw from the mounting arbor and remove the top section of the arbor. Position the sawblade on the arbor body with the teeth facing counterclockwise and the notch aligned with the peg in the arbor body (figure 1). Replace the top section of the mounting arbor along with the screw and tighten securely.
3. Slide the narrow end of the handpiece guide over your flexshaft handpiece, far enough to allow access to the handpiece chuck. *Do not tighten the set screws on the guide.*
4. Insert the sawblade arbor in the handpiece chuck and tighten securely.
5. Slide the handpiece guide over the mounted sawblade and, placing it on the coil holder, adjust the guide so that the sawblade fits within the slot of the coil holder without touching the sides of the slot.
6. Secure the handpiece guide by tightening the 3 set screws.



figure 1

### Using the Jump Ring Maker

1. Install one of the coiling mandrels in the hand winder, with the mandrel hole approximately  $\frac{1}{8}$ " away from the keyless chuck.
2. Insert your jump ring wire into the mandrel hole so that the end of the wire *almost* exits the other side.
3. Begin wrapping the wire around the mandrel. As you turn the handle of the hand winder, hold the wire tightly against the coil that's forming. Continue wrapping until you have a coil between 1" and 3" long. *Coils shorter than 1" long are difficult to work with.*
4. Once your coil is completed, cut off any excess wire. To remove the coil, cut it close to the mandrel hole and slide it off the mandrel.
5. Remove the cover from the coil holder by unscrewing the two knurled locking nuts and sliding it off the screw posts. *If this is the first time using the Jump Ring Maker, remove one of the small black screws from either end of the coil holder.*
6. Place the brass coil stop into the end of the coil holder where the small screw was removed.
7. Lubricate your wire coil generously with Bur Lube (item 330-060) or lightweight oil, then place it into the coil holder. Slide the coil up against the brass coil stop.
8. Replace the coil holder cover and secure it by tightening the locking nuts.
9. Position the sawblade (with handpiece guide installed) in the groove on the right end of the coil holder. With the flexshaft running at full speed (approx. 18,000 rpm), slide the handpiece from right to left, until the entire coil has been cut. *Take your foot off the pedal and allow the sawblade to stop before removing it from the coil holder.*
10. Once the coil has been cut, the jump rings can be removed from the coil holder.