

The Jump Ring Maker JRM 2 Item #307.70

by Pepetools



Congratulations on your purchase of the JRM2 - Pepetools Jump Ring Maker! This product will amaze you as to not only how easy it is to make jump rings but to its amazingly low cost. Your new jump ring maker should include the following:

1. Coil Winder with Keyless Chuck
2. Coil Holder with Spring Loaded Top & Stainless Steel Knurl Knobs
3. Hand Piece Holder - Designed to fit a Freedom #30 Hand piece (Strongly Recommended)
4. Stainless Steel Blade Arbor
5. 20 Jump Ring Mandrels (2.5mm - 12mm) (#307.200) & Aluminum Machined Mandrel Base
6. Optional Remote Mounting for the Coil Winder
7. Aluminum Organizing Base - Powder-coated
8. PepeLube (#307.50)
9. Pepetools 1 1/4" Blade (#307.20)
10. Allen Wrench for Hand Piece Holder set screws

After unpacking your Jump Ring Maker, you'll want to mount your coil winder onto your bench or onto the base that comes with it, three screws are provided for mounting. In addition to what you get with your Jump Ring Maker you will need: a w with a #30 handpiece (we **strongly** encourage Freedom products for best performance), assorted wire for making into jumpings and a pair of wire cutters.

USING YOUR PEPETOOLS JRM2 JUMP RING MAKER

1) Select a mandrel that will be the inside diameter of your jump rings. Insert the selected mandrel into the keyless chuck with the wire holding hole end approximately 1/8" from the jaws of the chuck.



2) Insert the end of the selected wire into the hole of the core arbor. If necessary, bend the end of the wire. Please note that on the smaller mandrel sizes 2.5mm, 3mm, 3.5mm & 4mm the wire holding holes have been removed to retain the strength of the mandrel. On these sizes, simply place the end of the wire between 2 of the chuck teeth, bend down and wind as normal. Hold the wire firmly with your left hand and turn the keyless chuck handle clockwise with your right hand. Hold the wire tightly against the coil of wire as you turn the handle. This will produce a nice tight coil which is necessary for clean cutting of the jump rings. The coiled wire should not be longer than 3".



3) Remove the coiled wire from the mandrel. The end that is inserted into the arbor hole may be clipped or lifted out. Clip off or bend either end that may be sticking out above the coil. This will insure that the coil will lay flat in the V bed of the coil holder



4) Remove the cover of the coil holder, be careful not to lose the springs under the cover.

5) Rub Pepelube on one side of the coiled wire from end to end. This special lubricant is necessary as it lubricates the cutting blade and aids the cutting process.



6) Place the coiled wire into the coil holding device making certain that the lubricated side of the coil is up and the coil butts up against the stopping bracket.



7) Place in position the 1 ¼" circular blade on the blade arbor. The name on the blade must be facing the arbor. Secure the blade arbor with the blade attached on to the No. 30 Freedom hand piece. NOTE: The 1 ¼" blade is able to cut wire gauges up to 14 gauge



8) Slide the No. 30 Handpiece on to the handpiece Holder. Use the coil holder cover to center the blade, there is also an inscribed line that will aid you in centering the blade. Tighten the handpiece holding screws lightly, not excessively, located in the on top of the handpiece holder. The blade will now be centered on both the handpiece Holder and in the cutting groove on the Coil Holder.



9) Place the cover over the coiled wire and replace the hold down nuts. Hold the cover down with your fingers right over the coiled wire. Tighten the nuts firmly but not excessively. Be certain that the cover is level over the coiled

10) Snap the No. 30 HP with the holding collar on to the flex shaft. Make certain that the rotation of the blade is CCW, spinning from right to left.



12) Place the coil holding device with the end that the coil is on against the stop. Place the hand piece holding collar with the HP and blade in place on the coil holding device. Run the flex shaft at full speed and with both hands and a light grip; pull the collar evenly towards you slowly. Once the cut is complete, remove the jump rings from the



Additional mounting options - Use the included attachment to securely mount the winding coil to a sturdy surface.

