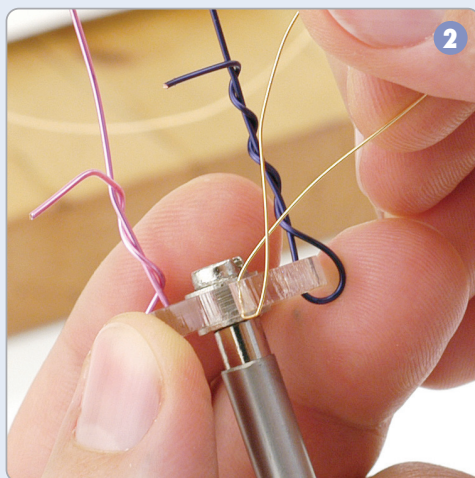




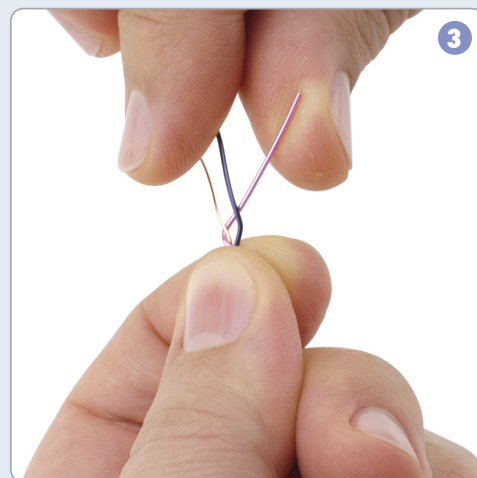
## WIRE TWISTER INSTRUCTIONS



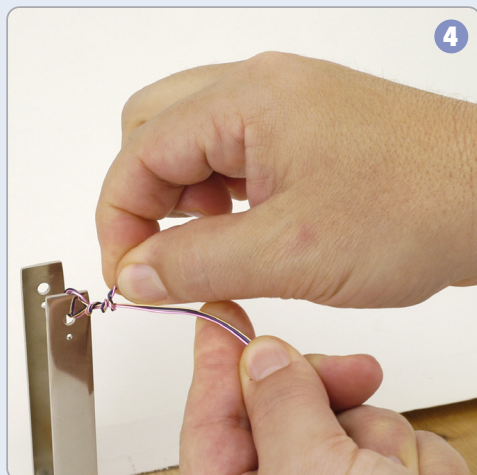
1 Assemble the wire twister by first removing the screw in the end of the wire twister. Then, place the acrylic disc in between the two washers, then insert the screw and tighten.



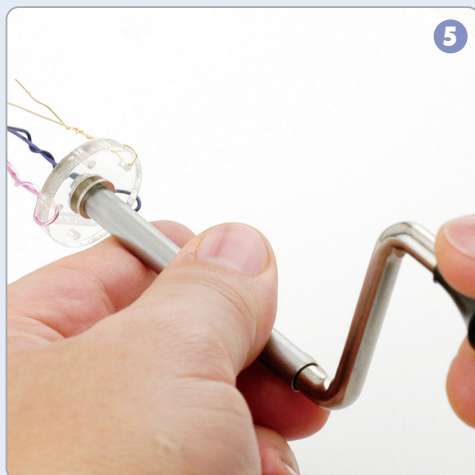
2 Place up to 5 wires into the holes of the disc, any diameter desired up to 18 gauge (1.02mm)



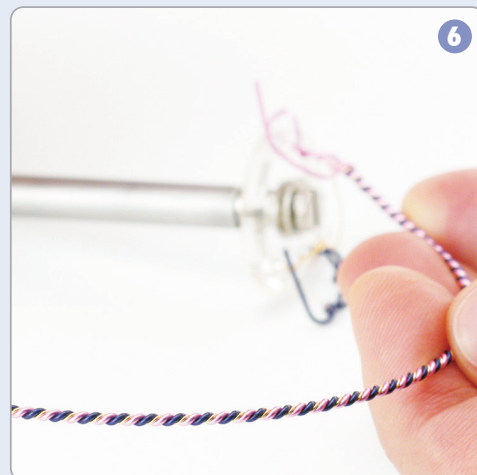
3 Twist the wire around itself to secure to the disc.



4 Pull all the wires taught and attach to a sturdy object (door knob, nail, or screw eye attached to a workbench or wall).



5 Turn the crank while holding the shaft, continue turning until the desired twist is achieved, turning until breakage assures the most hardening and tightest twist.



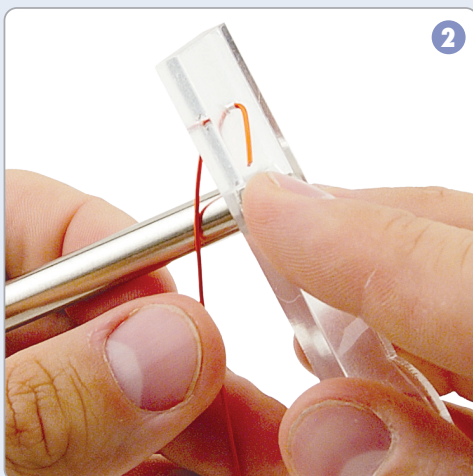
6 Vary sizes and colors for customized wire wrapping, jump rings, and components.



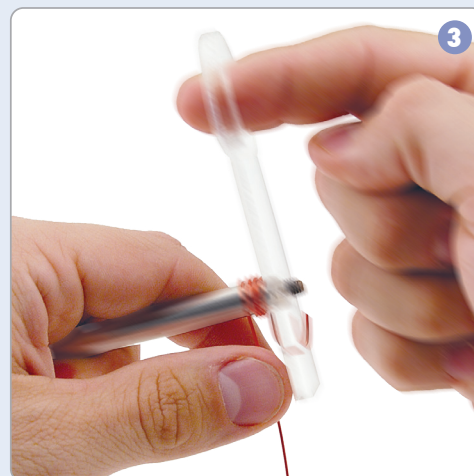
## JUMP RING MAKER INSTRUCTIONS



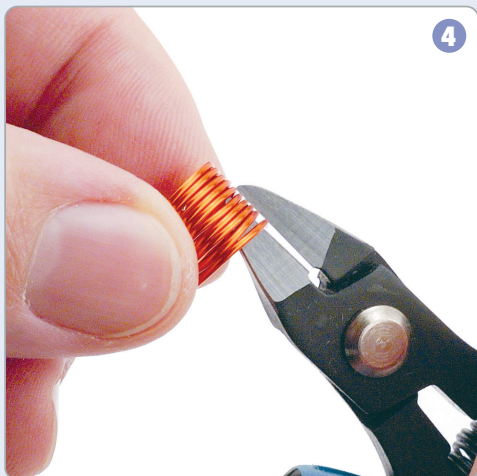
1 Choose the mandrel size and insert it into the handle and screw it tight.



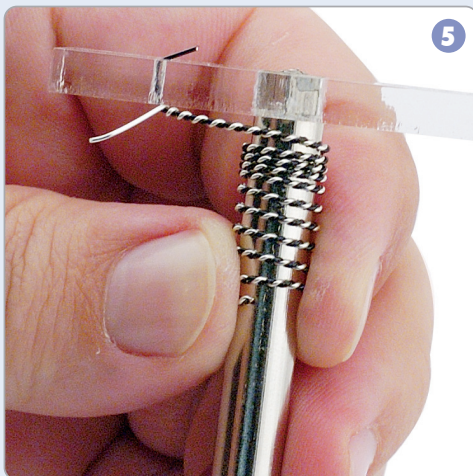
2 Insert wire into the small hole in the handle, fold the wire down to secure.



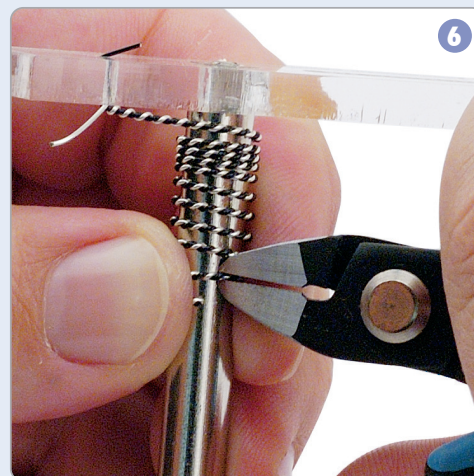
3 Hold wire across the mandrel with one hand, then insert a finger from your other hand into the large hole in the handle and turn clockwise, make as many revolutions as desired.



4 Remove the wire coils from the mandrel. Cut the coils by sliding a flush cutter into the center of the coil.



5 Tip: If using a round mandrel, cut the wire from the handle and slide the coil off of the mandrel for cutting or stretching (if using coils).



6 Tip: If using an oval mandrel, cut the rings from the mandrel one by one with flush cutters because removing the coil from the mandrel will cause the coil to splay and make cutting each coil in the same place difficult.