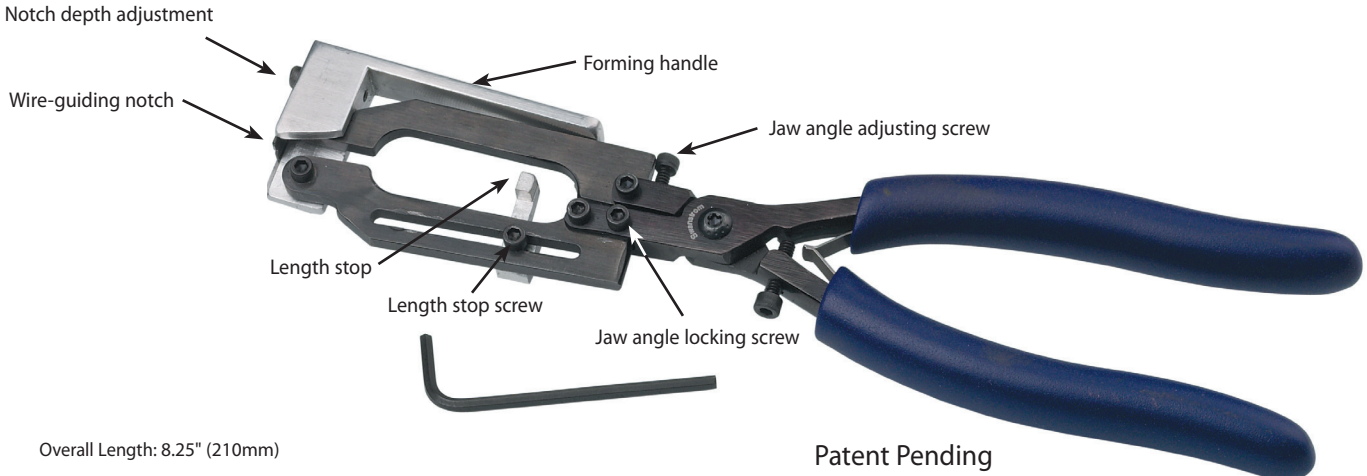




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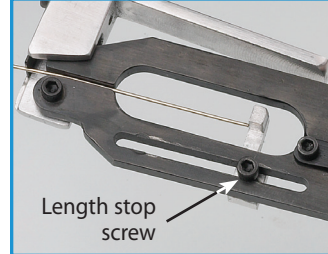
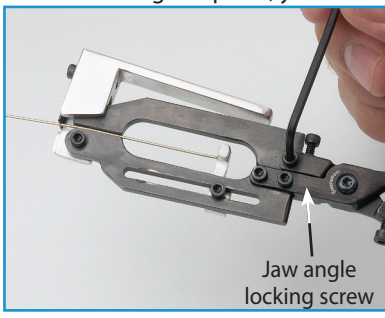
Swanstrom Ear Wire Forming Pliers

Make ear wires easily, quickly and repeatably with these Swanstrom forming pliers. Their versatile design allows you to form ear wires with varying "leg" lengths so you can create short, medium or long earring designs—even bent-leg styles—all with one tool! For ease of use, these pliers incorporate Swanstrom signature features (such as Soft-Touch™ ergonomic handles and an anti-glare finish). Made in the USA and available exclusively from Rio Grande.



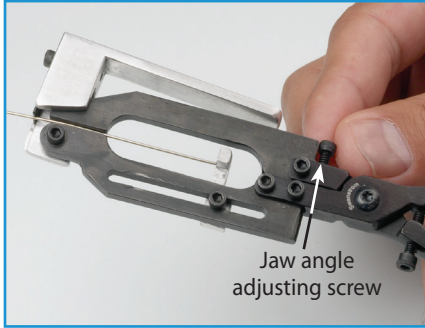
How to Create Your Own Ear Wires

1. Before using the pliers, you will need to adjust them to fit the thickness of the wire you're using. First, loosen the jaw angle locking screw (located on top of the pliers) with a hex wrench. Lay the piece of wire into the plier's jaw and hold it in place as shown. Tighten the locking screw to set the jaw angle.

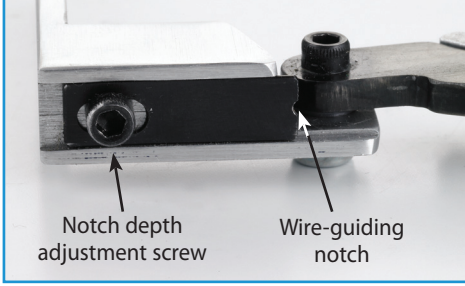


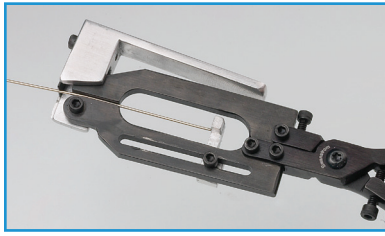
3. Adjusting the length stop. Once you have decided how much wire your earring design will need at the end of the ear wire loop, you can pre-set the length stop. Using a hex wrench, loosen the length stop screw, move the stop back or forth to your desired length and then tighten. Place the wire end at the stop (as shown).

2. While holding the wire securely in the pliers, adjust the jaw parallelism by turning the jaw angle adjusting screw (located on the side of the pliers). Once parallel, tighten the jaw angle locking screw.



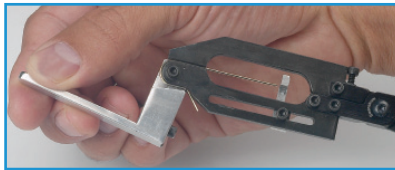
4. The wire-guiding notch keeps the wire centered in the plier's jaws. For best results, adjust this notch to match the thickness of your wire. With the wire centered, loosen the notch depth adjustment plate and slide it back or forth until it loosely rests on top of the wire. Tighten the notch depth adjustment screw.



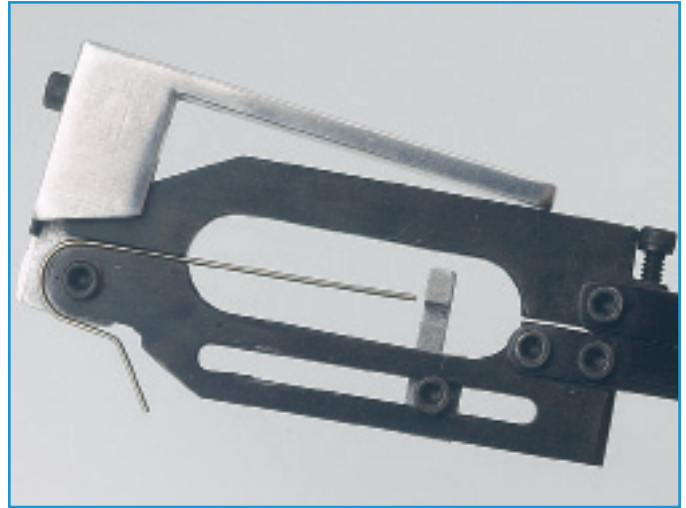


5. Your wire should look like this when it's in place and ready to be formed. The jaws are parallel, the wire is centered in the notch and the desired end length is set with the wire resting against the length stop.

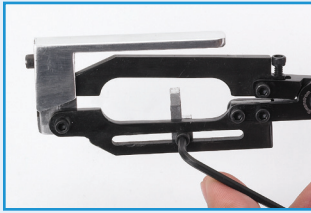
6. With the wire in place and ready to form, squeeze the pliers in one hand firmly enough to hold the wire securely. Slowly turn the forming handle forward until it will not turn any farther.



7. Pull the handle back to its original position, open the plier's jaws and carefully remove your ear wire. For best results, we recommend practicing with copper wire before moving on to precious metals.

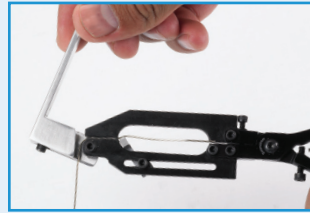


Creating Bent-Leg Ear Wires



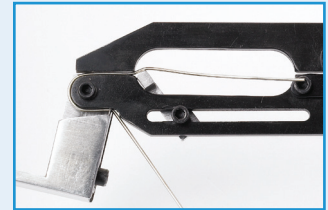
1. This style of ear wire (sometimes called a "Shepherd's Hook") has a slight second bend after the loop. To create this second bend, first loosen the length stop-screw.

2. Next, move the stop all the way forward so it rests flush up against the end of the jaw (as shown). Tighten the screw all the way down.



3. Place the wire in the plier's jaws, making sure it is centered (see steps 4 and 5 on front page). Slowly turn the handle forward to begin the bent-leg ear wire.

4. Turn the forming handle forward until it won't turn any farther. Pull the handle back and carefully remove your ear wire.



A World of Wire-Making Possibilities!

Combine these ear wire forming pliers with other innovative Swanstrom tools to greatly increase your wire-working capabilities! Use the Swanstrom spiral-forming pliers (#111-200) to create perfect spirals at the end of your ear wires. Or use Swanstrom's wire-looping pliers (#111-154 and #111-149) to create loops for adding beads and other components at the end of your ear wires.



Wire-Looping Pliers
Small #111-154
Large #111-149
Small Kit #111-132
Large Kit #111-131



Small kit includes accessory set with four different-sized pins and spiral plate.



Spiral-Forming Pliers
#111-200