



essential tools for jewelry making



Quality • Precision • Durability • Comfort



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about us...

Xuron Corporation, headquartered in Saco, Maine has been manufacturing quality, precision hand tools for over 40 years. What began with one product in 1971, has grown to over 100 different types of tools – all still made in the USA.



Our dedicated and talented team of craftsmen/women produce thousands of tools every month.

Before shipping, each tool is hand finished and inspected. We take these extra steps because we recognize that the quality of the tools you use reflects upon the quality of your finished jewelry.

This brochure introduces you to the Xuron® tools we've selected as most beneficial for bead stringing, bead weaving, metalsmithing, chainmaille and wire art. You'll see what makes our Micro-Shear® Flush Cutters so special and find helpful tips that will make your tool selection easier.

We pride ourselves on being approachable and helpful – please, if you have questions about a particular tool or application, feel free to call, email or connect on social media.

Xuron® tools are available at your local bead shop.

DON'T BE BLIND TO THE HAZARD

Wear eye protection whenever you work with tools.



CAUTION

Grips do not provide protection against electric shock.

DO NOT USE ON OR NEAR ENERGIZED CIRCUITS.



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cutters

Bead stringing, chainmaille, metalsmithing or general jewelry design? Whether you're a beginner or professional designer, there's a Xuron® Micro-Shear® Flush Cutter to meet your needs. These are Xuron Corp.'s most versatile and long lasting cutters, offering Micro-Shear® blade bypass cutting for flat, clean cuts. Excellent craftsmanship requires excellent tools. The proof is in the results.

All Xuron® tools come with comfortable, soft, non-slip rubber hand grips and, a built-in return spring that brings the cutter back to the open position after each cut.

Micro-Shear® Flush Cutter #410

An essential tool for bead stringers. This cutter is perfect for flexible stranded beading cable as well as soft bead and craft wire up to 18 ga. (1 mm). *The slim profile of the cutter head means you can reach into small spaces and cut close to a clasp, bead or other finding.*

Oval Head Micro-Shear® Flush Cutter #9100

The oval shaped cutter head lends itself perfectly to all types of wire work. This is a very strong, long-lasting cutter that will give you years of use. The handles are sized to be comfortable in a smaller hand, but still offer enough leverage for cutting soft wire up to 12 ga. (2 mm).

Tapered Head Micro-Shear® Flush Cutter #9200

Like the model #9100, this tool is a good choice for wireworkers, especially for wire weaving, crocheting or other projects where finer gauge wires are used. The tapered cutter head can fit into tight spots and is strong enough to cut soft wire up to 14 ga. (1.6 mm).

Micro-Shear® Flush Cutters with Wire Retaining Clip #9100F / 9200F

These tools offer the same features as the #9100/9200 but with the addition of a little something special – a handy device that holds cut-off pieces of wire, allowing you to keep your workspace neater and easily reclaim your precious metal scraps. The wire retaining clip works best when cutting soft wire that is 18 ga. (1 mm) or smaller.



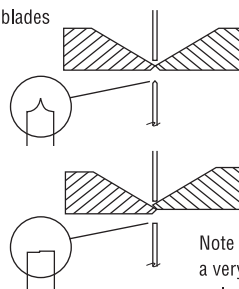
Maxi-Shear™ Flush Cutter #2175

A heavy-duty cutter that is ideal for metalsmiths, chain-maillers and those working with larger soft wire up to 12 ga. (2 mm). Handles are approximately 6" (152 mm) long and shaped to fit well in medium to large size hands to provide good cutting leverage.

This is a perfect 'go-to' cutter and the orange handle will always be visible on your work bench!

What makes Xuron®'s Micro-Shear® Flush Cutters different?

Compression cutter blades meet edge-to-edge, causing a spiked cut and an eventual dulling of the tool.



This is a cross section view of a XURON® Micro-Shear® flush cutter from the tip end. Note how the blades bypass — this is a very important feature that results in a clean square cut with no spikes.



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cutters

Double Flush Cutter #691

The term, 'double flush' refers to the resulting flat cut you will get on both the cut and cut-off piece of wire. Can be used on soft wire up to 12 ga. (1 mm) or half-hard wire up to 16 ga. (1.3 mm).



"Sick of wire bits flying all over when you make a cut? The #9100F / #9200F have an added wire retaining clip. It holds on to the cut off wire!"

Hard Wire Cutters #2193 / 2193F

The only tools you should use to cut memory wire, steel or hard wire.

The cutting blades of these tools completely bypass, causing them to break the wire rather than squeeze in order to cut. As a result, both the cut and cut-off pieces of wire are near perfectly flat. Both models work equally well on round and flat memory wire. The #2193 cuts hard wire up to 18 ga. (1 mm). The #2193F has wire retaining clamps that hold both ends of the wire throughout the cut, reducing the possibility of wire pieces flying across the room. The #2193F cuts hard wire up to 15 ga. (1.45 mm).



Join us on YouTube for more...



Demonstration and 'how-to' videos from our resident expert, Ashley Bunting.
Subscribe: youtube.com/xuroncorp

Choosing The Right Micro-Shear® Flush Cutter

Model #	Soft Wire							Hard Wire		
	24ga/.5mm	22ga/.6mm	20ga/.8mm	18ga/1mm	16ga/1.3mm	14ga/1.6mm	12ga/2mm	Half Hard 16ga/1.3mm	Hard Wire/Steel 18ga/1mm	Hard Wire/Steel 15ga/1.45mm
410										
9100										
9200										
9100F										
9200F										
2175										
691										
2193										
2193F										



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scissors

Not your typical craft scissors, Xuron® brand scissors were initially developed for industrial applications and, as such, lend themselves perfectly to the demanding needs of a jeweler. By eliminating finger loops and adding a return spring, these scissors can be used in the left or right hand and are comfortable for those with arthritis or limited hand strength.



High Durability Scissors

#9180

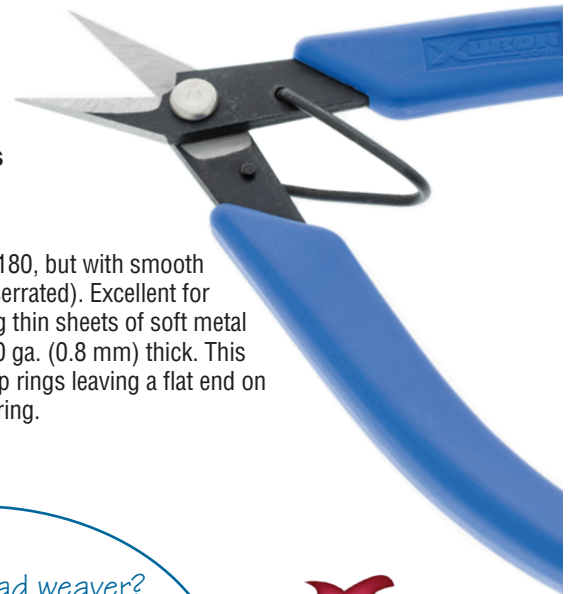
This is a heavy-duty scissors with one serrated blade to easily capture and cut slippery threads and cords, such as parachute cord and high strength bead weaving threads. Not for use on wire.



Metal Scissors (non-serrated)

#9180NS

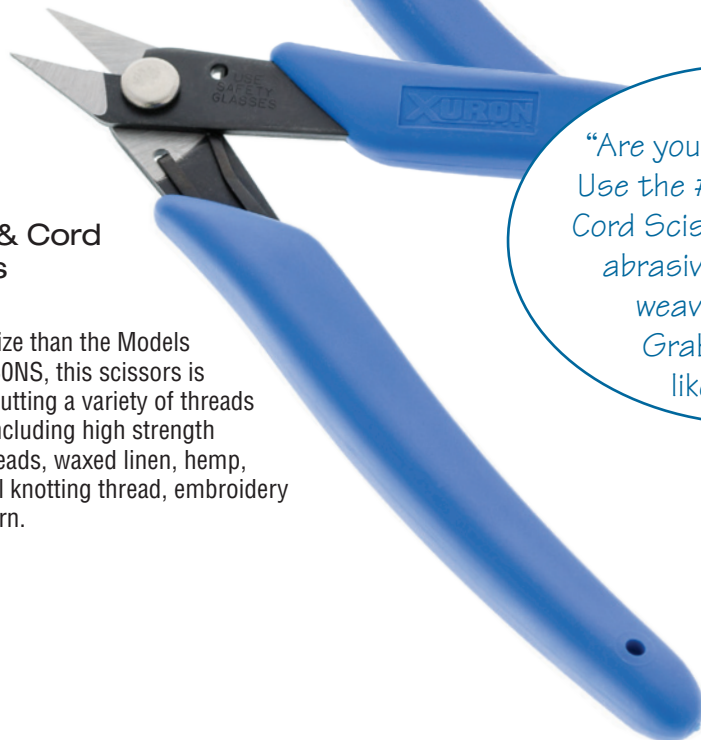
Similar to the Model 9180, but with smooth scissors blades (non-serrated). Excellent for metalsmiths for cutting thin sheets of soft metal or lead up to 0.030"/20 ga. (0.8 mm) thick. This scissors also cuts jump rings leaving a flat end on both sides of the wire ring.



Thread & Cord Scissors

#441

Smaller in size than the Models 9180 or 9180NS, this scissors is perfect for cutting a variety of threads and cords including high strength weaving threads, waxed linen, hemp, cotton, pearl knotting thread, embroidery floss and yarn.



"Are you a bead weaver? Use the #441 Thread and Cord Scissors to cut your abrasive, slippery, wily weaving threads! Grabs and cuts like butter!"



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pliers

Precision Work Demands Precision Pliers.

Pliers are used as an extension of the hand, especially for jewelry making. They need to be precise, light weight, durable and have a good 'feel.' Xuron® brand Pliers deliver on all counts.

Tweezer Nose™ Pliers

#450

We call this a 'tweezer nose' pliers because the blades are fine, precise, and match perfectly in alignment, size and shape. Capable of picking up and holding delicate parts, while strong enough to form and bend wire. Available with either smooth jaws (450) or serrated (450S) for improved grip.

Bent Nose Pliers

#450BN

A bent nose version of the Model 450 Tweezer Nose™ Pliers. The 45° bend allows your wrist to remain in a more comfortable neutral position. The angle of the pliers blades is perfect for wire wrapping and making wrapped loops.

Chain Nose Pliers

#485

Strong but not bulky, this pliers has long jaws that are smooth inside with rounded outer edges so you can use them for holding, bending, forming and manipulating wire, as well as strips or sheets of soft metal.

Flat Nose Pliers

#485FN

Flat, straight blades are ideal for bending, forming and flattening both wire and soft metals. As opposed to a chain nose pliers, the flat nose has wider blades that provide a stronger grip.

Combination Shear/Chain Nose Pliers

#485C

The combined benefits of a full bypass shear cutter and precision chain nose pliers in one tool. Cuts soft wire up to 12 ga. (2.05 mm). Pliers' blades are tapered for access into restricted work areas and have rounded outside edges for forming wire without damage or scarring.

Short Nose Pliers

#475

A 'go-to' pliers for chainmaille work. The pliers blades are just the right size for holding, opening and closing jump rings.

Short Flat Nose Pliers

#483

A short, flat nose pliers designed for chainmaille jewelry artists. Smooth, 3 mm wide jaws provide extra gripping surface on jump rings for increased control and stability. Can be used with stainless steel, bronze, bright aluminum, niobium, silver and copper jump rings up to 14 ga. (1.6 mm). Add our Model 487 Chisel Nose Pliers for the perfect chainmaille pliers set.

90° Bent Nose Pliers

#486

Designed by a chainmaille artist for chainmaille artists! The 90° bend of the pliers blades keeps your wrist in a natural position and makes it simple to pick up a jump ring and then quickly transition into opening/closing the ring.

Chisel Nose Pliers

#487

Flat, smooth blades with tips ground to a 45° angle. This provides extra gripping surface on a jump ring while eliminating interference with the open working space of the ring. Especially useful for micromaille and other very small work.

"Chainmailers



our pliers!

Models #475, #483,
#486, #487"



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pliers

Round Nose Pliers #488

This unique round nose pliers has super fine round tips and the pliers blades transition to an elliptical shape for multiple looping and forming possibilities. Best used with small soft wire.



Split Ring Pliers #496

Opening split rings is fast and easy with this pliers. Simply insert the 'tooth' of the pliers between the rings and squeeze the handles – no more broken finger nails!

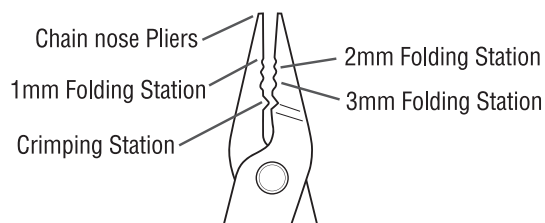


Four-in-One Crimping Pliers #494

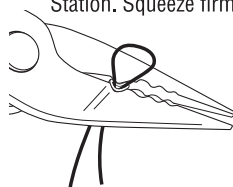
Precisely and securely crimps and folds 1, 2 and 3 mm crimp tubes and includes a 'bonus' chain nose pliers at the tip. The pliers can be used to provide an extra squeeze to the crimp tube, open a loop or pick up small beads/findings. The bright lime green handle is easy to spot and will stand out from your other tools.



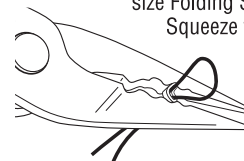
How to use the 4 in 1 Crimper



Step #1: Place crimp in the Crimping Station. Squeeze firmly.



Step #2: Turn crimp on its side. "<" Place in the appropriate size Folding Station. Squeeze firmly.



Step #3: Use the chain nose tip of the pliers for any additional squeezing or bending.

dispensing bottles



Each 2 ounce (59.14 ml) is matched with a 1 inch (2.54 cm) stainless steel capillary tube for precise and controlled dispensing of flux, light oil, paint, solvents and white glue.

800 – dispensing bottle, no needle

810 – includes 0.010" I.D. capillary tube

820 – includes 0.020" I.D. capillary tube

840 – includes 0.040" I.D. capillary tube

860 – includes three needles, 0.010", 0.020", & 0.040"



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