



### E6021 - Chain Nose Pliers

Chain nose pliers are the most popular and traditional pliers. These are used for holding, bending, bending and opening loops and jump rings. 20mm long tips



### E6025 - Needle Nose Pliers

Needle nose pliers are thinner versions of chain nose. These will give you better access to tight spaces. 30mm long tips



### E6023 - Long Chain Nose Pliers

The long chain nose pliers can be used when the standard length versions won't allow you to gain access to your work. 30mm long tips



### E6011 - Flat Nose Pliers

Flat nose pliers are great for making angular bends and flattening metal. Due to their wider tip than the chain nose, these give you better gripping area and power, making them very popular with the chainmaille community. 20mm long tips



### E6023S - Strong Chain Nose Pliers

The strong chain nose pliers are a more robust version of the long chain nose. These are good when you need the longer reach and strength. 28mm long tips



### E6013 - Long Flat Nose Pliers

The long flat nose pliers give you longer reach and can flatten a larger area of metal. 30mm long tips



### E6023B - Bent Chain Nose Pliers 60°

Bent nose pliers allow you to keep your wrist comfortably straight while working with a tip that is parallel to the floor. These are also very popular with the chainmaille community. 30mm long tips



### E6041 - Round Nose Pliers

Round nose pliers are ideal for making loops and coils with wire or sheet metal. 24mm long tips



### Oval Head Cutters

Small Head - robust, slim shape, and optimum balance between durability and accessibility.  
Large Head - strong and durable, for intensive cutting operations.  
Extra-Large Head - extremely strong and durable with rounded head, for intensive cutting operations.



Part #	Description	Max*
E5141	Flush Cutter (Small)	17
E5142	Full-Flush Cutter (Small)	18
E5151	Flush Cutter (Large)	14
E5152	Full-Flush Cutter (Large)	17
E5160L	Semi-Flush Cutter (Extra Large)	09
E5161L	Flush Cutter ( Extra Large)	10
E5162L	Full-Flush Cutter (Extra Large)	10

### Tapered Head Cutters

Small Head - pointed head shape, slim and optimum balance between durability and accessibility.  
Large Head - robust and versatile, pointed head shape to increase accessibility when limited space.



Part #	Description	Max*
E5341	Flush Cutter (Small)	18
E5342	Full-Flush Cutter (Small)	20
E5351	Flush Cutter (Large)	17
E5352	Full-Flush Cutter (Large)	18

### Tapered & Relieved Head Cutters

Small Head - pointed head shape and deep relief for a very low profile to maximize accessibility when limited space.

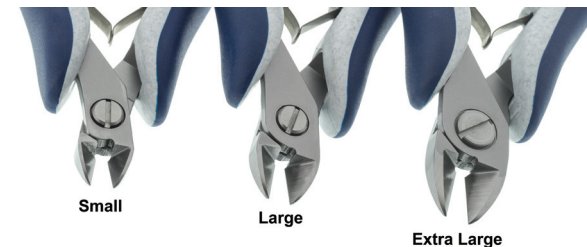


Part #	Description	Max*
E5541	Head Flush Cutter (Small)	17
E5542	Head Full-Flush Cutter (Small)	20

Wire Catcher, made of stainless steel and fit Oval, Tapered and Tapered & Relieved cutters only.  
WLC100 For Small Cutters  
WCL125 For Large Cutters



### Cutter Head Size Comparison



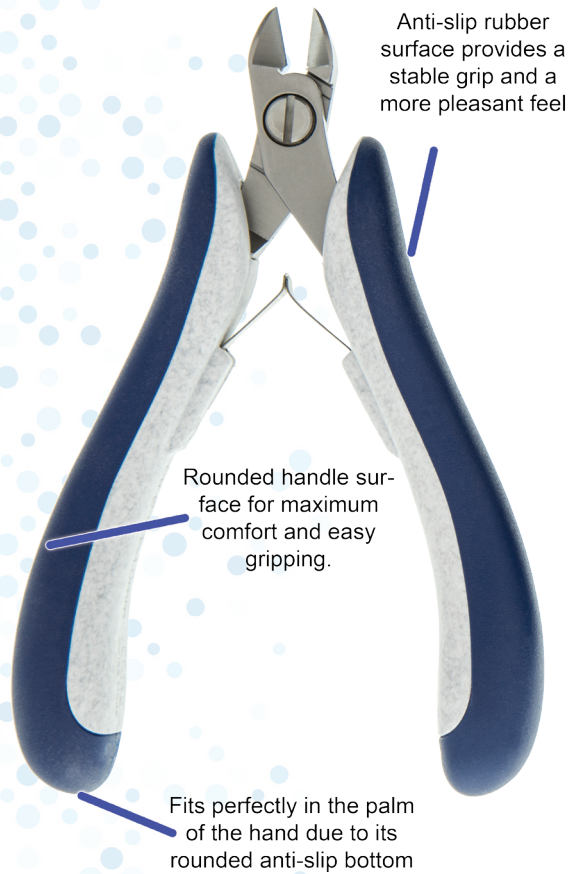
\* "Max" refers to the maximum gauge (AWG) of wire in which the cutter is rated for.

### Special Cutters

Long, narrow jaws. Sharp edges for cutting at the very tip. Deep relief for an exceptionally low profile. Great for getting into tight spaces and cutting head pins.



Part #	Description	Max*
E5233	Micro Tip Cutter 15°	20
E5234	Micro Tip Cutter 25° Oblique	20



Anti-slip rubber surface provides a stable grip and a more pleasant feel

Rounded handle surface for maximum comfort and easy gripping.

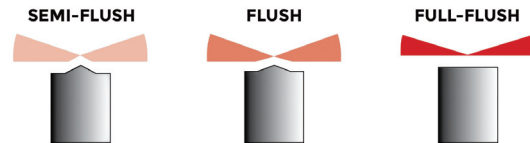
Fits perfectly in the palm of the hand due to its rounded anti-slip bottom



Xuron Corp is one of the World's leading manufacturers of ergonomic, electronics grade hand tools. Their products are sold worldwide and serve a variety of markets including Industrial Electronics, Aerospace, Jewelry Manufacturing, and Plastics Molding, as well as the Hobbies and Crafts markets.



Wire Gauge Conversion Chart					
Gauge	Inch	MM	Gauge	Inch	MM
9	0.114	2.906	24	0.020	0.510
10	0.102	2.590	25	0.018	0.455
11	0.091	2.310	26	0.016	0.404
12	0.081	2.060	27	0.014	0.361
13	0.072	1.830	28	0.013	0.320
14	0.064	1.630	29	0.011	0.287
15	0.057	1.450	30	0.010	0.250
16	0.052	1.290	31	0.009	0.226
17	0.045	1.140	32	0.008	0.200
18	0.040	1.020	33	0.007	0.180
19	0.036	0.910	34	0.006	0.160
20	0.032	0.810	35	.0056	0.142
21	0.028	0.710	36	0.005	0.130
22	0.025	0.640	37	.0045	0.113
23	0.023	0.580	38	0.004	0.101



### Types of Cut:

**Semi-Flush** - A cutter with this type of cut will be able to handle heavier gauge material than the other two types and will hold its edge longer. For jewelry applications, this is the least popular cut type.

**Flush** - This is the most popular cut of the three types and can normally cut heavier gauge material than full-flush and lighter gauge than the semi-flush.

**Full-Flush** - The finest cut result available with the smoothest finished-end. This is the second most popular of the three cut types.



- **Swiss Precision**
- **Ergonomic Design**
- **Extraordinary Performance**



Xuron's new cutters and pliers set a new benchmark in ergonomics.

Precision Swiss manufacturing provides quality, accuracy and longevity. Specially designed grips brings beauty, elegance and comfort.

High quality ball bearing steel

- 45 Rockwell Hardness (HRC) for pliers
- 63 Rockwell Hardness for cutters

Superior no-scratch/antiglare satin finish

- Dual leaf springs made of stainless steel
- Lap joint with screw, to achieve a high level of strength and precision
- Nuts made of hardened alloy steel to resist high cutting load
- Fine-pitched screw for perfect joint adjustment
- Perfect edge alignment

Available From:



1270 Callen St.  
Vacaville, CA 95688  
707.446.1120

orders@micro-tools.com  
www.Micro-Tools.com



**New**

swiss made



**Introducing**  
**Xuron's New!**

**XBow**  
**Pliers & Cutters**