



## 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



## 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



## 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



## 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



## 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



## 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



## 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



## 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   |



## Cutter Heads at Actual Size



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

## 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  | Flush Cutter (Small)      | 17   |
| E5542  | Full-Flush Cutter (Small) | 20   |

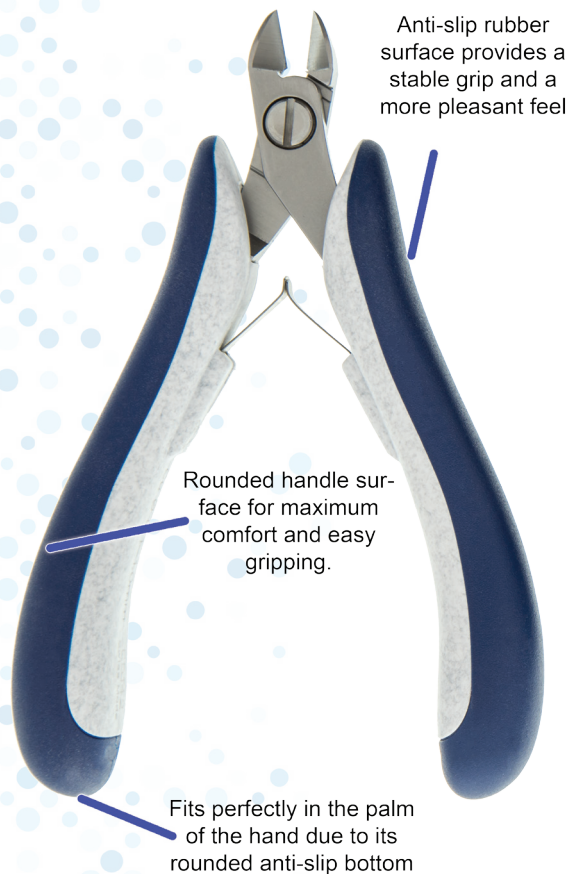
## Special Cutters

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   |

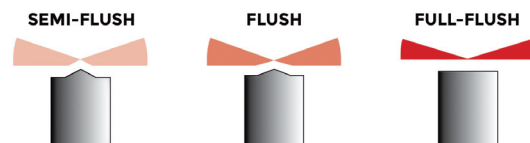




Xuron Corp is one of the World's leading manufacturers of ergonomic, electronics grade hand tools. Their products are sold worldwide and serve a variety of markets including Industrial Electronics, Aerospace, Jewelry Manufacturing, and Plastics Molding, as well as the Hobbies and Crafts markets.



| 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.



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- **Ergonomic Design**
- **Extraordinary Performance**



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