

# The Tool Library

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## Bead Buddy

### Jewelry Making Tools

#### **BUD89** Earwire Maker, 1 Step (Use w/20-24 Gauge Wire)

This handy tool is designed to transform 2 inch lengths of 20, 22, or 24 gauge wire into perfectly shaped ear wires with one squeeze! Create professional-looking ear wires in any color. Here's how it works: 1) Cut a 2" length of wire 2) Spread tool handles apart 3) Insert wire 4) Squeeze handles together 5) Keep handles closed and remove ear wire



## Beadsmith

### Cutters, Hole Punches

#### **PLHP15-SH** Punch - Pliers Short Jaw, w/1 Extra Pin (1.5mm) 6"

The pliers punch holes in soft sheet metal (copper, gold-filled, sterling silver, and brass) up to 22 gauge. They create a smooth, clean hole without barbs or rough edges. Plus, with the gauge guard, the area around the hole will be free of unsightly indentations!



#### **PLHP18** Punch - Pliers w/Gauge Guard (1.8mm) 6"

The pliers punch holes in soft sheet metal (copper, gold-filled, sterling silver, and brass) up to 22 gauge. They create a smooth, clean hole without barbs or rough edges. With the gauge guard, the area around the hole will be free of unsightly indentations!



### Hammers, Brass

#### **HAM18** Mallet - Economy Brass Head, 2 Lb 2 5/8 x 1 1/4"

This economy brass head mallet can be used for dapping, chasing, and light stamping. It weights 2 pounds.



### Hammers, Chasing

#### **CH223** Hammer - Chasing (Hd Sz 58mm, Face Sz 28mm)

The smooth face of this hammer will flare out wire when hammered on a hard smooth surface such as a bench block or anvil. The pein side can be used to make a hammered effect or to flare eyelets or round out metal designs.



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## Hammers, Nylon

### HAM21

#### Hammer - Nylon Wedge Hammer, 1 ¼" Round + Wedge

This nylon wedge hammer is used to flatten and shape sheet and wire with no risk of marring. The wedge shape is for working tight areas.



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## Pliers, Dimpling

### PL151

#### Pliers - Dimpling (1mm) Black Pvc Grip

These 1mm dimple pliers are used to create decorative circular indents and/or domes in soft metal.



### PL153

#### Pliers - Dimpling (3mm) w/View Finder

Create decorative circular indents & domes in soft metal. The specially designed viewing hole makes it easy to accurately position dimples. Make partial indents to create scalloped edges.



### PL155

#### Pliers - Dimpling (5mm) w/View Finder

Dimple pliers are used to create decorative circular indents and/or domes in soft metal. Create decorative circular indents and domes in metal, or make partial indents to create scalloped edges.



### PL155R

#### Pliers - Dimpling (5mm) Red Pvc Grip

These 5mm dimple pliers are used to create decorative circular indents and/or domes in soft metal.



### PL157

#### Pliers - Dimpling (7mm) Blue Pvc Grip

These 7mm dimple pliers are used to create decorative circular indents and/or domes in soft metal.



### PL158

#### Pliers - Dimpling (8mm) w/View Finder

Dimple pliers are used to create decorative circular indents and/or domes in soft metal. A viewing hole in the top jaw enables you to accurately position the dimple exactly where you want it! It makes scalloped edges a breeze to make -- just insert the metal piece until the edge reaches about halfway across the viewing hole, then squeeze to make the impression. Create decorative circular indents & domes in metal. Make partial indents to create scalloped edges.



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## Pliers, Nylon Jaw

### PL566

#### Pliers - Nylon Jaw Flat Nose, 120mm Black Handle

These ideal wire working tools will not scratch or damage wire or metal findings. They're superb for straightening wire! Smaller & more comfortable than comparable tools from other manufacturers, our Nylon Jaw Pliers are 120mm (4.75 inches) & come with double-leaf springs for stressless work.



**PL572**                      **Pliers - Nylon Jaw Ring Holding, Pliers 5 ½"**

This pliers holds rings and other round objects securely in place. It is excellent for repairs, stone setting, and polishing.



**PL573**                      **Pliers - Nylon Jaw Ring Bending Pliers**

Excellent for shaping and bending rings. Nylon V-block and polished stainless steel single jaw prevent scratching. Box joint construction. #RJ573 replaceable nylon jaw sold separately



**PL574**                      **Pliers - Nylon Jaw Bending Pliers, 5 ½"**

The gently curved jaws on these pliers are ideal for shaping bracelets and bracelet components. Nylon jaws will not scratch or mar metal. Jaws may be carved to create custom shapes.



**PL575**                      **Pliers - Nylon Jaw Ring Forming Pliers**

• Ideal for forming soft metal wire or flat stock into rings • Concave area of jaw measures 15mm wide x 3mm deep • Forms rings size 6.5 or larger • Dual nylon jaws shape and harden without scratching or marring metal • Comfortable rubber grips • Box joint construction • Replaceable nylon jaws (RJ575, sold separately)



**PL576**                      **Pliers - Nylon Jaw Deep Bending Pliers, 6"**

The deeply curved U-shaped jaws are ideal for creating bends in soft metal wire or flat stock. The concave area of the jaw measures 10mm wide x 5mm deep. Dual nylon jaws shape & harden without scratching or marring metal.



**Pliers, Wire Forming**

**PL42**                      **Pliers - Bail Making Pliers, 6mm And 8.5mm Jaws**

These pliers can be used to create bails by wrapping connectors, filigree or sheet metal. The non-graduated cylinders create perfect loops. Spring action reduces hand fatigue.



**PL46**                      **Pliers - Big Wrapper Looping Pliers, 13-16-20mm Rings**

The Big Wrapper looping pliers is used for shaping rings and making consistent loops using the three barrels. The barrels measure: 13, 16, & 20mm (½", 5/8", and ¾"). The lower jaw is covered with PVC tubing to prevent scratching or marring the wire. It features stainless steel heads and cushion grips. To harden wrapped loops, simply tap the wire with a nylon head hammer.



**PL47**                      **Pliers - Little Wrapper Looping, Pliers 5-7-10mm Rings**

The Little Wrapper looping pliers is used for shaping rings and making consistent loops using the three barrels. The barrels measure: 5, 7, & 10mm (3/16", 9/32", & 3/8"). The lower jaw is covered with PVC tubing to prevent scratching or marring the wire. It features stainless steel heads and cushion grips. To harden wrapped loops, simply tap the wire with a nylon head hammer.



**PL61**                      **Pliers - Bail Making Pliers 6 Step**

This pliers is used for bending and shaping wire. Double-leaf springs reduce hand fatigue with lap joint construction.



# Euro Tool

## Cutters, Small Precision Shear

**SHR-544.00**

**Shear - ProShear Sheet Metal Cutter**

ProShear has comfort grip, easy grab handles. Sharp blades have a tapered end to easily cut at the tip. You can cut up to 20 gauge, soft metal.



# Foredom

## Drills, Rotary Tool Sets 115V

**K.2231**

**Flex Shaft - Foredom K.2231 Classic Jewelers Kit with H.30 Handpiece with MAMH-1 Be**

This Kit is by far Foredom's Most Popular Foredom Starter Kit for the Jewelry Industry. PrePackaged Tool Kits take guesswork out of product selection, offer the best value, and feature smart tool combinations for specific applications. They contain just about everything you need to get to work- motor, speed control, handpiece and accessories. When purchased with an optional motor hanger, you are ready to go straight out of the box! Motor and Speed Control carry a 2-Year Limited Warranty. Components: 1. Series SR Motor: Foredom's most popular and best motor for general use. The 1/6 HP, ball bearing, hang-up style; M.SR runs in forward and reverse at speeds up to 18,000 RPM. It comes equipped with a motor bale for hanging, and Foredom's standard 39? long key tip inner shafting for connecting to any of Foredom's interchangeable handpieces. 2. C.FCT Speed Control: Foredom's most popular foot operated speed control has solid state electronics and comes in a heavy duty plastic housing with an extra wide design. 3. H.30 Handpiece: Foredom's most popular general purpose handpiece features a 3-jaw, geared chuck with a 0-5/32? capacity. Accessory changes are easy using the supplied HPCK-0 Chuck Key in molded plastic handle. 4. AK11 Accessory Kit: 42-pc. assortment of metal working accessories including various shapes, sizes and grits of Satin Finishers, Bristle and Brass Cup, Wheel & End Brushes, Scotch-Brite™ Radial Bristle Discs, High Speed Steel Fluted Engraving Burs, Rubber Bonded Abrasive Wheel and Disc, Purple Ceramic Sanding Bands, Screw and Rubber Drum Mandrels, V Stone and Unitized Points, and Platinum White Polishing Compound. 5. A-10081 Rotating Bur Holder 6. Flexible Shaft Grease 7. MAMH-1 Motor Hamger: Bench Clamp



# JOOLTOOL

## Polishers & Grinders

**JTX-JPK**

**JOOLTOOL - Jewelry Grinding & Polishing Kit For Metal**

This kit is perfect for all your polishing needs from start to finish. Despite its entry-level price, it will replace many metalworking tools that cost at least twice as much. It delivers a showcase polish while replacing hand-filing and makes shaping and polishing a breeze. Take old scratched metal, jewelry, antiques and car parts to a high luster in minutes. What took hours of work will now take you minutes to complete! Polish metals such as: PLATINUM, GOLD, SILVER, BRASS, COPPER, BRONZE, ALUMINUM, STAINLESS STEEL and more. The JOOLTOOL Machine and all necessary Abrasives and Backpads are INCLUDED. \* For shaping and polishing High Carbon Metals such as Tungsten Carbide, Cobalt, etc. simply add JOOLTOOL's Diamond Hard & Soft Stone Add-On Kit. The process of polishing these metals is similar to polishing stones of 9.5 on the Mohs scale. Kit Includes: – JOOLTOOL™ System – 3 x SEE-THRU™ Backpads – 3M™ Cushion Pad – 3M™ Purple Ceramic™ 120 Grit – 3M™ Scotch-Brite™ EXL Wheel – Fine – 3M™ 3" Bristle Brush: 1 Micron grade (4-ply thickness) – 3M™ Vetrup™ Protective Finger Wrap Roll (2" wide x 5 yards long) – 3-inch "Fluffy" Buffing wheel – JOOLTOOL SEE-THRU™ felt disc – JOOLTOOL Polishing Compound – JOOLTOOL Instructional Booklet (User Guide) – JOOLTOOL Power Adapter and Cord Set PROFESSIONAL RESULTS... ..NO EXPERIENCE REQUIRED



# Knew Concepts

## Cutters, Saws

**124.005C**

**Sawframe -Knew Concepts 5" Mk.IV Heavy Duty Fret Saw With Lever Tension**

Designed to pull 50–60 pounds of tension on their blades, which makes it much stronger, and the blades vibrate less than our Mk3 saws. They are also thicker and slightly heavier, closer to the weight of a traditional saw, but still lighter. The saw is powder-coated red and is extremely scratch and damage resistant. The Cam Lever Tension is designed for rapid, repetitive blade changes (when piercing for example). The tension does not change when re-setting the blade. Simply flip the lever forward to release tension, re-position and clamp the blade, and flip the lever to the rear, and you are sawing.



**124.008C**

**Sawframe -Knew Concepts 8" Mk.IV Heavy Duty Fret Saw With Lever Tension**

Designed to pull 50–60 pounds of tension on their blades, which makes it much stronger, and the blades vibrate less than our Mk3 saws. They are also thicker and slightly heavier, closer to the weight of a traditional saw, but still lighter. The saw is powder-coated red and is extremely scratch and damage resistant. The Cam Lever Tension is designed for rapid, repetitive blade changes (when piercing for example). The tension does not change when re-setting the blade. Simply flip the lever forward to release tension, re-position and clamp the blade, and flip the lever to the rear, and you are sawing.



# Lindstrom

## Cutters, Small Precision Shear

**HS6001**

**Shear - Lindstrom, Multi-purpose, Smooth Jaws (HS6001)**

With ergonomic, cushion grip handles and blades with a 57-59 Rockwell hardness for long life, our Lindstrom shear easily cuts through 16 gauge silver stock. For precise cuts, this shear is simply unbeatable. Length: 5-3/4" (145mm).



## Pliers, Chain Nose

**RX 7893**

**Pliers - Lindstrom, Short SnipeNose, Smooth Jaw (RX 7893)**

Lindstrom RX series represent the very best in cutters and pliers. The exclusive Micro-Touch handles makes complete hand control possible for precision work. Exclusive Biospring- reduces spring tension during work which lessens fatigue. Tension and opening width can be adjusted to suit. The slightly rounded and wider profile of the RX handle allows for even surface distribution and superior hand contact. Overall length: 146.5mm (5.77"). Jaw length: 20.0mm (0.79"). Tip width: 0.8mm (.03").



## Pliers, Small Precision Flat Nose

**RX 7390**

**Pliers - Lindstrom, Stubby Flat Nose (RX 7390)**

Short Stubby Flat Nose pliers designed for Chainmaille. • Strong blades for heavier wire bending operations • Short blade design for greater control and leverage • Patented Adjustable Bio-Spring reduces fatigue • Precision Screw Joint maximizing tool life • Radiused Edges minimize damage to wire and sensitive devices. Great for: Chainmaille assembly • Opening and closing Jump Rings • Forming and bending thin gauge sheet metal • Soft and hard wire forming, bending and shaping. \*Not intended to be used as a Crimping Tool



**RX 7392**

**Pliers - Lindstrom, Stubby Oblique Nose (RX 7392)**

Short Stubby Chisel Nose pliers designed for Chainmaille. • Strong blades for heavier wire bending operations • Short blade design for greater control and leverage • Patented Adjustable Bio-Spring reduces fatigue • Precision Screw Joint maximizing tool life • Radiused Edges minimize damage to wire and sensitive devices. Great for: Chainmaille assembly • Opening and closing Jump Rings • Forming and bending thin gauge sheet metal • Soft and hard wire forming, bending and shaping. \*Not intended to be used as a Crimping Tool. The oblique nosed pliers have a couple of great advantages. (#1) If you try using two flat nosed pliers, you have to hold them at 180 degrees from each other to get the best grip on the ring. This position is not comfortable for most and either you end up with sore wrists or you aren't getting the best possible grip on the rings. When using a pair of oblique nosed pliers in conjunction with a pair of flat nosed pliers, your hands end up being at much more natural and comfortable positions. (#2) A pair of oblique nosed pliers can also be flipped over and used to get into tight spaces instead of having to have another pair of pliers.



**RX 7490**

**Pliers - Lindstrom, Flat Nose, Smooth Jaw (RX 7490)**

Lindstrom RX series represent the very best in cutters and pliers. The exclusive Micro-Touch handles makes complete hand control possible for precision work. Exclusive Biospring reduces spring tension during work which lessens fatigue. Tension and opening width can be adjusted to suit. The slightly rounded and wider profile of the RX handle allows for even surface distribution and superior hand contact. Overall length: 146.5mm (5.77"). Jaw length: 20.0mm (0.79"). Tip width: 3.2mm (.12").



## Pliers, Small Precision Flush Cutting

**RX 8141**

**Cutters - Lindstrom RX 8141 Flush, Ergonomic Small Head**

The Lindstrom RX Flush Extra Small Head Side Cutter features a head made of high performance alloyed steel with a black finish. Numerically controlled machine grinding guarantees edge angle accuracy and contact, and increases the tool's reliability and consistency. The edges are precision induction hardened 63-65 HRC. The screw joint minimizes friction and maximizes the alignment of cutting edges. It features ESD safe handles in two component synthetic material. This precision cutter was developed according to the scientific ERGO process. It features a Biospring that limits the tension through the working cycle of the tool, and can be adjusted in three different positions or removed.



## Pliers, Small Precision Round Nose

## RX 7590

### Pliers - Lindstrom, Round Nose, Fine Jaw (RX 7590)

Lindstrom RX series represent the very best in cutters and pliers. The exclusive Micro-Touch handles makes complete hand control possible for precision work. Exclusive Biospring- reduces spring tension during work which lessens fatigue. Tension and opening width can be adjusted to suit. The slightly rounded and wider profile of the RX handle allows for even surface distribution and superior hand contact. Overall length: 146.5mm (5.77"). Jaw length: 20.0mm (0.79"). Tip width: 0.5mm (.02").



# Lortone

## Jewelry Cleaning

### 081-204

### Tumbler - Lortone Jewelry Tumbler - 4lb Capacity w/Media

Lortone paired their durable model 45c tumbler with their own heavy walled high density polyethylene barrel. After molding, they lathe cut their barrels to ensure they run true and vibration free. Comes with 2 lbs of mirror polished Stainless Steel jewelry shot mixture. The barrel is resistant to most burnishing solutions but not suitable for rock tumbling.



# Pepetools

## Cutters, Disc and Die

### 196.10A

### Disc Cutter - Round Premium Set 14PC 1/8-1" w/Centering Punch Pepetools

Pepetools, the world's foremost manufacturer of tools and equipment for Jewelers, is proud to introduce an all new series family of rolling Mills, the ultra series, made in Oklahoma city, OK. USA are redesigned for Jewelers and crafts-people. This series is made from precision steel for ultra strength and durability. Rolling Mills are designed for cold rolling metal to produce thinner gauges of sheet metal and wire, transferring textures to your metal and to make the thickness uniform. Pepe tools reduction gear ratio of 4:1 allows the rollers to make one complete turn for every four turns of the rolling mill handle. This relieves the amount of force needed to operate the rolling mill. The "T" bar at the top of the rolling mill is used to open or close the rollers. When completely Closed the rollers , should measure "true" cylindrically. This means they should touch with no visible gaps. Should there ever be a gap, meaning the rollers are not "true", simply remove the two small screws holding the "T" bar cover , pull the "T" bar handle off and turn the large gears to move the roller) down until there is no visible gap, making them "true", then re-install the "T" bar and cover. Made in USA



### 196.15A

### Disc Cutter - Oval (Cabochon), 6 sizes included By Pepetools

Based on the world's best selling disc cutter, the oval cutter by Pepetools carries over all off the innovative features found in the #196.10A. These features include; Recessed punch clearing design on the bottom plate - Laser etched HDPE base - High carbon steel plates, hardened to 48-52HRC - Finished in protective black oxide - Laser etched disc cutter to mark each hole - 6 oval shapes (the most available on a single unit in the market today) - Can cut material up to 20 gauge with just a 2 lb brass mallet, over 20 gauge we recommend - the use of a hydraulic press. Set includes the following; PepeLube - Pepe Urethane 6" x 6" 95A Cutting Pad - Oval Cutter. Each punch punch is first precision turned on a state of the art CNC machine based in our Oklahoma City factory. After turning the punches are heat treated to 48-52 HRC. This hardness insures a lifetime of use and a sharp edge. To get the cleanest cut possible we include a 5 degree angle on the cutting edge which allows a beautiful shearing action. Instead of tearing through the material like your traditional disc cutter, the punch cleanly shears the oval without burrs or raised edges. After machining the punches are finished in black oxide, a heavy duty protective coating against corrosion. 30x22, 25x18, 24x14, 20x15, 20x12, 18x13



## Cutters, Shears

### 196.90N

### Shear - Guillotine, 6" by Pepetools

Pepetools Guillotine Shears allow you to cut sheet metal with straight edges, not curved or with burrs. The blades are designed to do up to 10,000 cuts. The Perpendicular handle allows you to have full control over the machine while cutting. The 10 x 7 inch feeding table is laser engraved with 0°, 15°, 30°, or 45° angles which allows you to cut using common angles. There is an adjustable stop-guide on the back side you can set to allow for repeat cuts. Great for fabrication because the blade goes straight down cutting cleanly without deforming the metal, which means no more curling like a bench shear or hand shears will do.



## Rolling Mills

### 187.00A

### Rolling Mill - 90mm Flat by Pepetools

Pepetools, the world's foremost manufacturer of tools and equipment for Jewelers, is proud to introduce an all new series family of rolling Mills, the ultra series, made in Oklahoma city, OK. USA are redesigned for Jewelers and crafts-people. This series is made from precision steel for ultra strength and durability. Rolling Mills are designed for cold rolling metal to produce thinner gauges of sheet metal and wire, transferring textures to your metal and to make the thickness uniform. Pepe tools reduction gear ratio of 4:1 allows the rollers to make one complete turn for every four turns of the rolling mill handle. This relieves the amount of force needed to operate the rolling mill. The "T" bar at the top of the rolling mill is used to open or close the rollers. When completely Closed the rollers , should measure "true" cylindrically. This means they should touch with no visible gaps. Should there ever be a gap, meaning the rollers are not "true", simply remove the two small screws holding the "T" bar cover , pull the "T" bar handle off and turn the large gears to move the roller) down until there is no visible gap, making them "true", then re-install the "T" bar and cover. Made in USA



## **189.20A**

### **Rolling Mill - 130mm Combo by Pepetools**

Pepe Tools newest family of Rolling Mills, The Ultra Series, made in Oklahoma City, Ok. USA are redesigned for Jewelers and Crafts-people. This series is 30 to 50 percent the weight of Casted Rolling Mills, made from precision steel for ultra strength and durability. Rolling Mills are designed for cold rolling metal to produce thinner gauges of sheet metal and wire, transferring textures to your metal and to make the thickness uniform. Pepe Tools reduction gear ratio of 4:1 allows the rollers to make one complete turn for every four turns of the rolling mill handle. This relieves the amount of force needed to operate the rolling mill. The "T" bar at the top of the Rolling Mill is used to open or close the rollers. When completely closed the rollers , should measure "true" cylindrically. This means they should touch with no visible gaps. Should there ever be a gap, meaning the rollers are not "true", simply remove the two small screws holding the "T" bar cover , pull the "T" bar handle off and turn the large gears to move the roller(s) down until there is no visible gap, making them "true", then re-install the "T" bar and cover. The rollers are: Combination Roller Square wire(mm):1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5 ; Combination Roller Half round ellipse(mm): 2.5x 1; 3x1.25; 4x1.5; Flat: 66.0 mm



## **190.00A**

### **Rolling Mill - 160mm Flat by Pepetools**

Pepe Tools newest family of Rolling Mills, The Ultra Series, made in Oklahoma City, Ok. USA are redesigned for Jewelers and Crafts-people. This series is 30 to 50 percent the weight of Casted Rolling Mills, made from precision steel for ultra strength and durability. Rolling Mills are designed for cold rolling metal to produce thinner gauges of sheet metal and wire, transferring textures to your metal and to make the thickness uniform. Pepe Tools reduction gear ratio of 4:1 allows the rollers to make one complete turn for every four turns of the rolling mill handle. This relieves the amount of force needed to operate the rolling mill. The "T" bar at the top of the Rolling Mill is used to open or close the rollers. When completely closed the rollers , should measure "true" cylindrically. This means they should touch with no visible gaps. Should there ever be a gap, meaning the rollers are not "true", simply remove the two small screws holding the "T" bar cover , pull the "T" bar handle off and turn the large gears to move the roller(s) down until there is no visible gap, making them "true", then re-install the "T" bar and cover.



# SE

## **Dapping Blocks**

### **JT34443SB**

#### **Bench Block - Steel, 4x4x.75"**

This stainless steel bench block is 4" x 4" x ¾" It is a square and rectangle shape. Used for flattening, laying out, chasing, etc.



### **JT345DW**

#### **Dapping Block - Wooden, With 2 Punches**

This wooden dapping block and 2 punches is 2" X 2" X 2", and the punches have a length of 4-½" Cavity sizes vary from 30mm to 44mm.



## **Hammers, Chasing**

### **833CH**

#### **Hammer - Chasing, German Type, 10" Length, 4.5 Oz**

This chasing hammer has a 10" pistol grip wooden handle. It has a high carbon steel head with a flat face diameter of 1" It has an overall weight of 50z.



## **Ring Sizing & Repair**

### **JT-SP1**

#### **Mandrel - Ring, Ungrooved, Unmarked, 12"**

This ring madrel is 12" X 15/32" X 1" It is 17.5oz. It is an ungrooved and unmarked ring mandrel. It is made of polished steel and features a knurled handle.



# Tekton

## **Cutters, Tin Snips**

Tekton by M.I.T. LEFT CUT AVIATION TIN SNIPS features: Drop Forged Heat Treated Alloy Steel Jaws, Sharp, Serrated Jaws for Precise Cuts, Compound Cutting Action Requires Less Effort, Comfortable, Contoured Handles Reduce Fatigue, Lever Lock for Safe Storage.



## Tronex

### Pliers, Chain Nose

513

#### Pliers - Tronex Chain Nose - Short Smooth Jaw (Standard Handle)

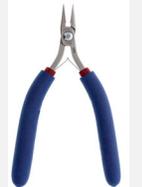
Chain nose pliers are a staple for jewelry artists. These pliers feature a short strong nose with induction hardened tips for additional strength. These pliers feel good in your hand and have excellent gripping capabilities. The short smooth jaw allows for firm gripping and amazing control. Great for many jewelry applications including chainmaille (you will need 2!) and wire work. This model features standard length handles with super comfortable cushion grips. It is also available with longer ergonomic handles (search by model 713)



713

#### Pliers - Tronex Chain Nose - Short Smooth Jaw (Long Ergonomic Handles)

Chain nose pliers with a short jaw are used in jewelry making, particularly in wire work. The short jaw provides increased stiffness at the tips of the pliers and the tips have been heat treated for additional hardness. All four inner edges of the jaw are eased to decrease the risk of workpiece nicking from the edge of the pliers jaw. These pliers have smooth face inner jaws.



### Pliers, Small Precision Flat Nose

544

#### Pliers - Tronex Flat Nose - Short Smooth Jaw (Standard Handle)

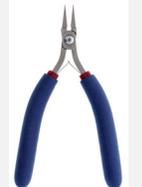
These flat nose pliers feel good in your hand and have excellent gripping capabilities. The short smooth jaw allows for firm gripping and amazing control. Great for many jewelry applications including Chainmaille (you will need 2!) and wire work. This model features standard handles with super comfortable cushion grips.



744

#### Pliers - Tronex Flat Nose - Short Smooth Jaw (Long Ergonomic Handles)

These flat nose pliers feel good in your hand and have excellent gripping capabilities. The short smooth jaw allows for firm gripping and amazing control. Great for many jewelry applications including Chainmaille (you will need 2!) and wire work. This model features long ergonomic handles with super comfortable cushion grips.



### Pliers, Small Precision Flush Cutting

5223

#### Cutters - Tronex Taper Head, Relieved, Razor Flush Edges (Standard Handle)

This is a favorite cutter for beaders. The flush edges are perfect for all diameters of braided beading wire such as Soft Flex® flexible beading wire. A combination of comfort, functionality and precision make this Tronex cutter a best seller. "Relieved head" means a low profile for greater access. Head width is .37" (9.5mm) at the widest point. Maximum cutting capacity is 18 AWG copper wire.



5513

#### Cutters - Tronex Lg Oval Head, Semi-Relief, Razor Flush Edg (Standard Handle)

This cutter has a large oval head for strength and razor flush edges for precise cuts leaving almost no burr. This is a multi purpose tool, for making exceptionally flush cuts on thicker wire. Head width is .41" (10.5mm) at the widest point. Maximum cutting capacity is 14 AWG copper wire.



7223

#### Cutters - Tronex Taper Head, Relieved, Razor Flush Edges (Long Ergonomic Handles)

This is a favorite cutter for beaders. The flush edges are perfect for all diameters of braided beading wire such as Soft Flex® flexible beading wire. A combination of comfort, functionality and precision make this Tronex cutter a best seller. "Relieved head" means a low profile for greater access. Head width is .37" (9.5mm) at the widest point. Maximum cutting capacity is 18 AWG copper wire.



**7513**

**Cutters - Tronex Lg Oval Head, Semi-Relief, Razor Flush Edge (Long Ergonomic Handles)**

This cutter has a large oval head for strength and razor flush edges for precise cuts leaving almost no burr. This is a multi purpose tool, for making exceptionally flush cuts on thicker wire. Head width is .41" (10.5mm) at the widest point. Maximum cutting capacity is 14 AWG copper wire.



**Pliers, Small Precision Round Nose ESD Safe**

**532**

**Pliers - Tronex Round Nose - Short Jaw (Standard Handle)**

Tronex short jaw round nose pliers have smaller, sturdy cones for making smaller loops and bends. Unique to Tronex: tips have been induction heat treated for additional hardness and strength. This tool creates loops 1mm - 4mm diameter. Tip length is .715" (18.1mm).



**732**

**Pliers - Tronex Round Nose - Short Jaw (Long Ergonomic Handles)**

Tronex short jaw round nose pliers have smaller, sturdy cones for making smaller loops and bends. Unique to Tronex: tips have been induction heat treated for additional hardness and strength. This tool creates loops 1mm - 4mm diameter. Tip length is .715" (18.1mm).



**Xuron**

**Cutters, Small Precision Shear**

**9180NS**

**Cutters - Xuron, Fiber Cutter - (no serrations) 9180NS**

Xuron 9180NS Fiber Cutter No Serrations. The new 9000 Series is the culmination of 20 years continuous development of the Micro-Shear flush cutter. These are the only shears made anywhere in the world rated for cutting everything from soft material less than one mil. To 14 AWG copper wire. That's as it should be, because these are the only shears made anywhere in the world that can call themselves Micro-Shear flush cutters. 9000 Series Micro-Shear flush cutters begin with a unique, state of the art blanking process from a tough alloyed steel. Their size and shape reflect the latest advances in enhanced ergonomics. The heat treating process is exclusive to the 9000 Series. Cutting edges are an ultra durable 58-60 RC. The result is a shear unlike any other in design, capacity and durability. Static control (AS) grips are optionally available.



**Pliers, Jewelry Crimpers**

**494**

**Crimper - Xuron, Four in One Crimping Pliers 494**

New from Xuron® -- a bead crimping pliers that precisely crimps/folds 1, 2, and 3mm crimp tubes and includes a chain nose pliers for handling delicate beads, micro-crimps and for adding an extra squeeze to your crimps, if desired. The folding stations are designed to fit three different size crimp tubes (1, 2 & 3 mm) and ensure a secure and attractive result. As with all Xuron® Pliers, the 4 in 1 Crimper has soft rubber hand grips and a return spring that opens the tool after each squeeze.



**Pliers, Small Precision Bent Nose**

**451**

**Pliers - Xuron Bent Tweezer Nose 90deg**

Introducing the new 451 90 degree tweezernose plier! If you've been wondering what I've been using to make some of my latest insane micro pieces, here they are.



**486**

**Pliers - Xuron Bent Nose, 90° 486**

The 90 degree bent nose of this pliers allows you to handle small components while keeping your wrist in a natural position. Chainmaille artists will especially love this pliers because it allows for picking up even the smallest jump rings and then easily transitioning to an open/close of the ring. This pliers is strong but very light weight. It features a built-in return spring and soft, non-slip rubber hand grips for comfort and control. This pliers is also excellent for model hobbyists and crafters. Ergonomically designed using soft Xuro-Rubber hand grips and an internal return spring for added precision and comfort. Project Type: Robotics, Electronics, Plastic Kit Modeling, Model Railroad, Jewelry Manufacturing, General Hobbies And Crafts, Electronics, Chainmaille, Bead Stringing.



**Pliers, Small Precision Flat Nose**

**483**

**Pliers - Xuron Short Nose 3mm Wide 483**

High Carbon steel for strength and extra slim profile to allow access into high density areas. This pliers had the strength to crimp a lead wire with the precision to hold a human hair. A perfect pliers for Chainmaille artists -- the short nose of the pliers allows for excellent control when opening/closing jump rings. Manufactured from heat treated, alloyed steel, these pliers are strong and durable. Soft rubber hand grips provide comfort and the return spring always bring the tool back to the open position. Project Type: Wire Harness Manufacturing, Telecommunications, Jewelry Manufacturing, Electronics, Wire Weaving, General Hobbies And Crafts, Chainmaille, Bead Weaving. Tip is 3mm wide



**487**

**Pliers - Xuron Chisel Nose 487**

Flat, smooth blades with tips ground to a 45 Deg angle. The angle provides extra gripping surface on a jump ring while eliminating any interference with the open working space of the ring. The pliers are also useful for picking up small items and holding metal or wire while filing. Tips can be used for micro-maille and for other very small work.



**Pliers, Small Precision Flush Cutting**

**2175**

**Cutters - Xuron Maxi-Shear Flush 2175**

What makes Xuron Micro-Shear Flush Cutters so unique? It's the blade by-pass cutting method – put simply, the blades cut by shearing as opposed to compression. The result is a clean, square cut requiring little, or no, post-cut clean up. This is a strong, durable cutter that is ideal for jewelry making, wire crafts, basketry, caning and for cutting lead came used for stained glass work. Micro-Shear blade by-pass cutting technology produces clean, flat cuts. Designed for cutting soft wire up to 12 AWG (2mm). Project type: jewelry manufacturing, general hobbies and crafts, bead stringing. Materials: Wire, Silver Wire, Plastic Sprue, Plastic Cable Ties, Plastic (de-gating), Picture Framing Wire, Monofilament, Gold Wire, Floral Wire, Electrical Wire, Craft Wire, Copper Wire, Bead Wire, Annealed Wire.



**2193**

**Cutters - Xuron Shear - Hard Wire & Memory Wire Cutte 2193**

Large, full by-pass shear designed specifically for cutting music wire and other types of hardened wire. Shearing cut combined with high mechanical advantage make cutting iron, hardened and tempered steel wire up to 12 AWG (2mm) seem effortless. Cuts music wire up to 0.040" Designed for cutting memory wire and other types of hard wire. Also, a great tool for cutting push rods, throttle cable and carbon fiber rods and nichrome wire. Cutting effort is minimal due to the tools' full by-pass shearing action. Project type: Wire Harness Manufacturing, Telecommunications, Jewelry Manufacturing, Electronics, Electrical, Model Railroading, Jewelry Manufacturing, General Hobbies And Crafts, Electronics, Bead Stringing. Materials: Wire, Stainless Steel Wire, Spring Wire, Silver Wire, Piano Wire, Nichrome Wire, Music Wire, Electrical Wire, Copper Wire, Bicycle Cable, Annealed Wire, Carbon Fiber Tube, Carbon Fiber Rod, Radio Control Throttle Cable, Picture Framing Wire, Memory Wire, Gold Wire, Floral Wire.



**410**

**Cutters - Xuron Micro-Shear® Flush 410**

The premium grade version of Xuron's world famous 170-II Micro-Shear Flush Cutter. Size and shape are optimized for work in high density areas. Rated for cutting soft wire up to 18 AWG (1mm). Project type: Electronics. Materials: Wire, Silver Wire, Plastic Sprue, Plastic (de-gating), Gold Wire, Flexible Stranded Bead, Craft Wire, Copper Wire, Bead Wire, Annealed Wire, Monofilament.

