



EXCALIBUR

ORTHODONTICS

**“Over 70 years of Tradition
in Quality & Manufacturing”**

- Manufacturing Of High Quality Pliers Using A Sophisticated Forge Of Surgical Grade Stainless Steel to withstand the repeated sterilization maintaining the aesthetic finish.
- Cutters are using a Specialized High Resistance Tool Steel Material On Insets.
- Hard Chrome Platted Cutting Instruments To Significantly Increase The Corrosion Resistance (Hard Chrome Is also call Engineering Chrome Plating Process, It Is A Specialized High Resistance Plating For Long Lasting).
- A High Quality Laser Etch With Customer Information
- The Traditional Design That Has Been Prove An Excellent Performance Over The Years.
- Factory Adjustable Joint Maintains Its Stability “Wooble-Free Joint”
- Hand Finished For Doctors Comfort
- Hand Buff to a smooth, mirror finis, making instrument cleanup easily and further improving corrosion resistance



We are pleased to announce that EXCALIBUR ORTHODONTICS is now offering a full line of Cutters and Benders Pliers , Utility and Forming Instruments. Laser Engraving & UDI capabilities.

We have embraced a concept like no other too individually handcrafting the highest quality of Orthodontic instruments.

Our instruments are renowned all over the world, for their precision performance longevity, reliability and uncompromising quality.

At EXCALIBUR ORTHODONTICS we are very proud for the reputation we have earned for our un compromised quality and industry leadership. We strongly believe our success is the result of both our company commitment to product and service excellence and the dedication of our highly skilled instrument craftspeople.

All Orthodontic hand instruments are finely tuned to achieve accurate weight balance and tip alignment. EXCALIBUR ORTHODONTICS produces only the highest quality tips and handles, in the manner of precision and excellence that outstanding professionals demand.

In EXCALIBUR ORTHODONTICS we take quality very seriously, and we have a system in place to ensure it so we are ISO 13485 certified working to adheres to stringent guidelines in order to ensure product is done with the highest quality and timely. These guidelines are Good Manufacturing Practices, Quality System Regulation, and ISO standards.

Thank you for the opportunity to serve your needs, please contact us with any questions you may have regarding our services.

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Pliers



Cutting Instruments

- Cutting instruments are all made of stainless steel
- High Grade Tool Steel inserted tips for Superior Sharpness and superior cutting performance, and are hard chrome plated for better corrosion resistance.
- Highest Hardness Rating for Grater Strength
- Diamond honed Cutting Edges

Reference Number
EXO-1000



15" Pin and Fine Wire Cutter
The tip is angled 15° for better field vision. The tool steel inserted tips have backing ledges for greater strength.

Maximum cutting Capacity-
Hard & Soft Wire up to
0.015" Round,

Reference Number
EXO-1000HWC (Chrome)



Hard Wire Cutter (Chrome)
Specially designed for cutting hard wires. The cutting angle is 15° and the cutting edges have been diamond honed to allow hard wire cutting. Stainless steel with hard chrome plating; this is an excellent ligature cutter. (Black Oxide version also available EXO-1000HWB)

Maximum cutting Capacity-
Hard Wire up to 0.020" Round

Reference Number
EXO-1001



Pin and Ligature Cutter
A standard pin cutter, non-angled, designed to cut soft wires. Stainless steel with hard chrome plating.

Maximum cutting Capacity-
Soft Wire up to 0.015" Diameter

Reference Number
EXO-1002



Miniature Pin and Ligature Cutter
This cutting plier has finer tips for easy access into difficult areas. Very popular with chairside assistants.

Maximum cutting Capacity-
Soft Wire up to 0.015" Diameter

Reference Number
EXO-1006
SPECIAL ORDER ONLY



45" Ligature Cutter
A convenient 45° pin and ligature cutter, angulated for easy access to posterior areas. Very delicate tips. Use with care.

SPECIAL ORDER ONLY

Maximum cutting Capacity-
Ligature Wire up to
0.015" at the tip

Reference Number
EXO-7001



Wire Cutter
Will cut ligature wires and pins — any size. Strong enough to bend archwire ends after distal cutting. Diamondhoned cutting edges.

Maximum cutting Capacity-
Archwires & Hard wires
0.022 x 0.028"

****Special order instruments available upon minimal order quantity of ten****

Cutting Instruments (Cont.)

Reference Number
EXO-1016



**Distal End Cutter
(Safety Hold)**

The EXO-1016 design offers an extremely safe plier for cutting distal wires in the patient's mouth. It shear cuts hard wires and then "safety holds" the loose wires. Cutting edges are diamond honed, while the stainless steel instrument is hard chrome plated for long wear.

*Maximum cutting Capacity-
Hard Round wire 0.020",
Rectangular 0.022x0.028" and
stranded wire*

Reference Number
EXO-1016 L



**Long Handled Distal
End Cutter (Safety Hold)**

Compact head on this cutter provides the "safety hold" features of the EXO-1016 and ODG-1016S but has long handles for easy work on distal wires.

*Maximum cutting Capacity-
Round 0.020",
Rectangular 0.022x0.028" and
stranded wire*

Reference Number
EXO-1016 S
SPECIAL ORDER ONLY



**Small Distal End Cutter
(Safety Hold)**

A safe plier with a smaller head than the EXO-1016. It also shear cuts hard wires then "safety holds" the loose wires.

*Maximum cutting Capacity-
Round 0.020",
Rectangular 0.022x0.028" and
stranded wire*

Reference Number
EXO-1010NH



**Distal End Cutter
(Flush Cut, No Hold)**

Shear cuts wire, loose wire
Cuts "flush" to the distal
of the tube.

*Maximum cutting Capacity-
Archwire 0.020",
Rectangular 0.022x0.028" and
stranded wire*

Reference Number
EXO-1016U



**Universal Distal End Cutter
(Safety Hold)**

A safe plier with a thicker head than the EXO-1016. It also shear cuts hard wires then "safety holds" the loose wires.

*Maximum cutting Capacity-
Round 0.020",
Rectangular 0.022x0.028" and
stranded wire*

**Put the power of
precision cutting on
the palm of your
customers hands
by getting our
instruments**

Pliers

Utility Pliers & Benders

- All made of stainless steel Surgical grade
- Factory Adjusted Joint for Stable Functionality.
- Highest Hardness Rating for Greater Strength
- Precision Equipment and High Technology Manufacturing to develop a performance pliers

Reference Number
EXO-104 U

SPECIAL ORDER ONLY



Universal Step Up/Step Down Pliers (.030 offset)

Allows you to make various 1st order and 2nd order (by-pass) bends intraorally without removing the entire archwire. One plier makes two .030 offset bends. One tip makes a step up; by reversing the plier, it makes a step down.



.030"

Reference Number
EXO-110



Straight Utility Plier (How Style, Small Tips)

A general utility plier with a long, well-tapered shape that is balanced for control. The 3/32" diameter tips are designed so that their center line coincides with the axis of rotation of the plier. The matched tips are serrated in a direction that holds the wire at a convenient working angle. Beaks are completely lip safe.

Reference Number
EXO-111



Offset Utility Plier (How Style)

A general utility plier similar to the EXO-110 with machined tips, 3/32" diameter, but at a 45° angle. Lip safe.

Reference Number
EXO-113

SPECIAL ORDER ONLY



Band Seating Plier

The EXO-113 plier grips the bracket wing securely while seating the band. Will fit between the smallest twin. The new square tip design allows maximum gripping power. The beaks are very strong, and the unique serration pattern makes the EXO-113 a real help in your practice.

Reference Number
EXO-139



Bird Beak Plier

An extremely popular and versatile utility plier designed for working round wire up to .045 in diameter. Can be used for facebow adjustment. The round beak is precision ground to a perfect cone (.025 at the tip). The pyramid beak is exactly .025 wide at the tip and a 9° angle is ground on the sides to allow for wire spring-back. Beaks are parallel at .020 opening. Working edges are carefully beveled and diamond honed to prevent scoring.

Reference Number
EXO-140



Light Wire Plier

This plier has longer and more gradually tapered beaks than the EXO-139 and EXO-140M. It is designed for working round wire up to .016 in diameter. The longer beaks make it easier to bend small diameter loops. The cone beak is precision ground to .025 wide at the tip and a 9° angle is ground on the sides to allow for wire springback. Working edges are carefully beveled and diamond honed to prevent scoring.

Pliers

Utility Pliers & Benders (Cont.)

Reference Number
EXO-140M



Medium Bird Beak Plier

Same features as EXO-139 but has tips slightly longer, but shorter than EXO-140

Reference Number
EXO-158



Utility Plier (Weingart Style)

The pointed, serrated pads are designed to be near the center of rotation of the plier for better balance. Matching serrated pads hold wire firmly at a convenient working angle. Beaks are carefully rounded to make this plier completely lip safe.

Reference Number
EXO-158 BJ



Utility Plier

(Weingart Style, Slim Tips)
Same quality as the EXO-158 above but features slimmer tips and is curved for easier access to difficult areas. Completely lip safe.

Reference Number
EXO-200



Three-Jaw Plier (Straight)
Precision-aligned tips ensure consistent bends. Gradually tapered for delicate bending. Diamond honed edges.

Reference Number
EXO-203 B



Wire Contouring Plier
Contours and forms arches smoothly — even Sentalloy and Nitinol — without scoring or torquing.

Reference Number
EXO-220
SPECIAL ORDER ONLY



Stop (V-Bend) Plier
Shortens archwire by forming a 1-mm V-bend. Edges are carefully diamond honed to prevent wire scoring. Works on round archwires up to .020 in diameter.

Utility Pliers & Benders (Cont.)

Reference Number
EXO-350



**Loop Forming Plier
(Tweed Style)**

Designed for making "Bull" and helical closing loops in square or rectangular wire up to .022 x .028. The cylindrical beak has three precision-ground sections of .045, .060, and .075 diameters, with a rough electroetched finish to help prevent wire slippage. The concave beak has slight parallel serrations that orient and keep the wire at a right angle to the beaks while making a loop.

Reference Number
EXO-352



Omega Loop Forming Plier (Tweed Style)

Concave beak is contoured for making more uniform Omega loops with ease. The round beak has three sections of .045, .060, and .075 in diameter and .090 in length. The tip has a rough electro-etched finish to help prevent wire slippage and can be easily replaced in the office.

Reference Number
EXO-355
SPECIAL ORDER ONLY



Jarabak Plier

Accurately marks wire intraorally. Marks archwires (square, rectangular, or round), facebows, and all types of inner bows and auxiliary appliances. Will not harm the wire or the appliance. Auxiliary personnel can pre-mark interproximals for pre-fabricated future arches.

Reference Number
EXO-410



Lingual Arch-Forming Plier

Designed to form double-back and triple-back bends in either .030 or .036 wire for inserting in lingual sheaths. Blade width of .140 (the same width as lingual sheath) was selected so consistent, perfect-fitting bends can be formed. The double-back forming groove is close to the plier joint to assure that adequate "flattening" is accomplished.

Reference Number
EXO-426

SPECIAL ORDER ONLY



Acrylic Debonding Plier

Dr. Hamilton's new Acrylic Debonding Plier adjusts to the angle of the plane to hold the plate while the blade breaks the bond. Every orthodontist will appreciate this new design concept.

Reference Number
EXO-633

SPECIAL ORDER ONLY



Surgical Hook Crimping Plier

Designed to crimp auxiliary stops, hooks, and posts to archwires.

Utility Pliers & Benders (Cont.)

Reference Number
EXO-344
SPECIAL ORDER ONLY



Direct Bond Attachment Remover (Angled)

Designed to remove all bonded attachments. May be used mesial-distal (horizontal) or incisal-gingival (vertical) in anterior area. Angled perfectly for easy access to difficult posterior areas.

Reference Number
EXO-346



Direct Bond Bracket Remover (Wide)

The wide remover tips wedge between both edges of the base of the bracket and the tooth surface, lifting off the bracket with virtually no stress.

The removers grip firmly for easy incisal-gingival (vertical) use. When bracket position is too close to gingival, the plier may be used mesial-distal (horizontally) with the same ease. Also available with narrow tips — Catalog No. EXO-345RT (above).

Reference Number
EXO-346 RT



Direct Bond Bracket Remover (Wide, with Replaceable Tip)

Specifically designed for quick and comfortable removal of direct bond brackets. Tips wedge between both edges of bracket base and tooth surface, lifting off with no stress. Tips grip firmly for easy incisal-gingival (vertical) and mesial-distal (horizontal) use. Tips are replaceable for fast, easy service in your office.

IMPORTANT: We recommend replacing both tips at the same time.

Reference Number
EXO-347



Posterior Band Remover (Short)

When the padded tip is on the occlusal of the molar cusp, the shortened, nonpadded remover tip is in a more ideal position to catch the edge of the band for upward or downward removal.

Reference Number
EXO-347 L



Posterior Band Remover (Long)

The padded tip rests on the occlusal of the molar cusp and the non-padded remover tips catches the edge of the band for upward or downward removal. Same as the EXO-347 (above) but has a longer remover tip.

Reference Number
EXO-349 RT



Direct Bond Bracket Remover (Wide, Replaceable Tip, with Pad)

Same quality features as the EXO-345 and EXO-348 except one tip has a replaceable pad. The sharp beak fits under the attachment flange and removes attachments with ease. Will also remove adhesive remaining on tooth.

Pliers Accessories



Utility Pliers, Benders & Accesories

Reference Number
EXO-810



Rectangular Arch Forming Plier (Tweed Style, Long Tips)

A forming plier for handling square or rectangular wire. The beaks are designed to be parallel at .020 plier opening. Working edges are carefully beveled with a diamond hone to prevent wire scoring.

Reference Number
EXO-810 S



Rectangular Arch Forming Plier (Tweed Style, Short Tips)

A forming plier for handling square or rectangular wire. The beaks are designed to be parallel at .020 plier opening. Working edges are carefully beveled with a diamond hone to prevent wire scoring.

Reference Number
EXO-230
SPECIAL ORDER ONLY



Nance Loop Forming Plier

Four steps (3, 4, 5, and 6mm) allow precision loop forming. One beak is precision serrated to prevent wire slippage. Edges are beveled to prevent wire damage.

Reference Number EXO-1400

Replacement Tips and wrench for EXO-352

Reference Number EXO-1405

Replacement tips (pair) for EXO-346RT come with screw and wrench.

Reference Number EXO-1406

Replacement tips (pair) for EXO-345RT come with screw and wrench.

Reference Number EXO-1407

Replacement tips (pair) for EXO-348RT come with screw and wrench.

Reference Number EXO-2076

Replaceable high temperature pads are interchangeable 3/16".

Reference Number EXO-2077

Replaceable high temperature pads are interchangeable 1/4".

Offering a wide variety of Accessories for your pliers as replaceable tips Pads, screws, Pins etc.

Hand Instruments



Reference Number
EXO-505

**Direct Bond Adhesive Remover
(Sickle Style)**

Lightweight, durable instrument for scraping adhesive or cement in hard-to-reach areas.



Reference Number
EXO-507

Ligature Director

Double-ended — one end has a notched tip for directing archwires. Opposite end is angled with a square serrated tip for tucking ligatures. Stainless steel.



Reference Number
EXO-508

Explorer

Basic orthodontic probe that is conveniently double-ended.



Reference Number
EXO-521

Band Pusher/Scaler Combo

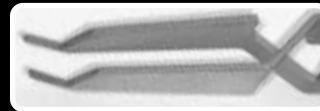
One end has a serrated, angled tip; the other end has a curved scaler.



Reference Number
EXO-2222

Positive Positioner

Specifically designed for direct bond attachment placing. Will hold any direct bond attachment. Has small head for excellent field of vision anywhere in the mouth — especially distal to the bicuspids. Serrated tips for positive gripping. Easy forward or backward releasing, with no hang-up when bonding has set. Light-weight hard anodized aluminum. Will not roll off bracket table or tray.



Reference Number
EXOBJ-220

Posterior Bracket Placer

Delicate angled tips and secure reverse action allow for easy and predictable bonding results.



Reference Number
EXO-500

Direct Bond Bracket Tweezer

Holds any bracket — from a wide twin to a single. Unlike a regular tweezer, the self-holding Model EXO-500 has a reverse action and will not release the bracket until desired — it can be easily preloaded as needed. The EXO-500 works equally well with plastic brackets. Stainless steel for easy clean-up and sterilization. Also available in a set of 6 with one FREE tweezer. (EXO-501K)



Reference Number
EXO-511

Mouth Mirror, Replacement Mirror



Reference Number
EXO-516

Mouth Mirror, use in ODG- 511 as Replacement Mirror

“Over 75 years of quality tradition”



Warranty

- Instruments are made of the highest quality stainless steel.
- Instruments are guaranteed to be free from manufacturing defects for five years of expected pliers or instrument life. Defective instruments will be replaced at no charge.
- Cutting instruments carry an all inclusive 1 year warranty that includes sharpening.

Service

• Service and Repairs are available for your instruments, services can be: Re-Sharpener, Cleaning, Tip Inserts Replacement, Joint Adjustment. Service and Repairs for other Instruments manufacturer are available please call for information.



Contact

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