

ORTHOPLIERS®

Catalogue 2020 Orthodontic Instruments



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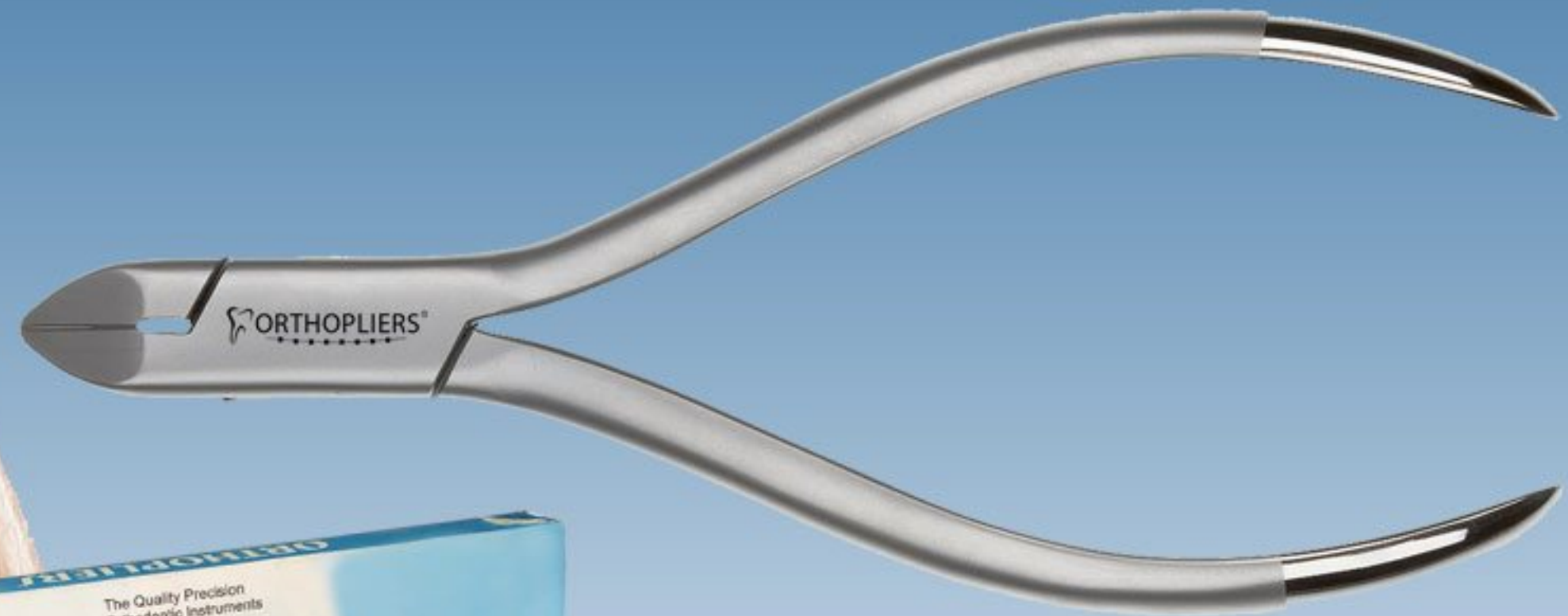
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Certified:
ISO: 13485 - cGMP - FDA



 +19546016832

Providing the Highest Quality Precision Instruments to the Profession.



Quality Craftsmanship

All ORTHOLIERS & Cutters are 80% hand crafted and using the finest grade 420 stainless steel. They feature a smooth, satin finish for reduced glare, an easy to clean surface, and are corrosion resistant. Handle size, shape, and weight create perfect balance. The instruments are all hand polished, leaving smooth non-glare contoured edges for both user and patient comfort.

Box Joint Construction

All ORTHOLIERS & Cutters have a box joint hinged construction for durability and continuously smooth operation. Box joint pliers are known for perfect tip alignment, longevity and exceptional performance each and every time. Handles were designed with your comfort and ergonomics in mind, because we know a good plier goes a long way.

Highest Quality Material

The cutting edges of all inserted ORTHOLIERS are manufactured from a custom blended specialty alloy which offers many advantages over tool steel and tungsten carbide. The ORTHOLIERS inserts are highly corrosion resistant and will remain bright without tarnishing throughout the life of the instrument. All of the cutting edges are exceptionally tough with out being brittle like tungsten carbide and will provide superior sharpness and long lasting strength.

Optimum Performance

You will appreciate the optimum performance of our ORTHOLIERS & Cutters and we stand behind our instruments with a lifetime warranty.

Sterilization

Stands up to all methods of heat sterilization, up to 370°F/188°C.

Warranty

ORTHOLIERS and Cutters include a lifetime warranty against materials defects and craftsmanship. Like all Orthodontic companies, 'lifetime' references the expected life of the product. Cutting instruments and wire benders are guaranteed for three years and utility pliers for five years. This covers breakage and joint failure under normal use. Sharpening cutters and/or repairing minor tip damage is not covered by warranty as this is considered to be routine maintenance for normal use.



Distal End Cutter with T.C.
900XP

This instrument cuts wires close to the buccal tube and safely holds the distal end. The Tungsten Carbide inserts ensure precision cutting, long wear and unsurpassed cutting performance.

Cutting Capacity: archwires up to .021" x .025" (.55 x .64mm)



Long Handled Distal End Cutter with T.C.
901XP

This instrument features extra long handles and a compact head to ensure easy access to hard to reach areas. The T.C. inserts provide unsurpassed performance and long wear.



Flush Cut Distal End Cutter
902XP

The flush cut feature of this instrument allows the archwire to be cut flush with the end of the buccal tube eliminating the possibility of patient discomfort resulting from archwire protrusion.

Not recommended for use with Beta Titanium wires.

Minimum Cutting Capacity: archwires from .016" (.41mm)
Maximum Cutting Cap: archwires up to .021" x .025" (.55 x .64mm)



**Micro Mini Pin & Ligature Cutter
P800-104T**

Designed to cut soft wire pins and ligature wires up to .012" (.30 mm). The ultra slim profile, pointed and tapered tips allow access in the most difficult areas. Cutting edge length 0.50" (12.67 mm).



**Multi-Use Cutter
P800-106T**

Designed to cut soft wire pins and ligature wires up to .015" (.38 mm). Cutting edge length 0.50" (12.67 mm).



**Micro Mini Pin & Ligature Cutter, 15o Angled
P800-108T**

Designed to cut soft wire pins and ligature wires up to .012" (.30 mm). The 15o offset tip with ultra slim profile is a plus in the most difficult to access areas. Cutting edge length 0.54" (13.72 mm).



**Hard Wire Cutter 15 degree angle
905XP**

Standard hard wire cutter with the advantage of 15 degree angle for easier access to the posterior area.

Minimum Cutting Capacity: .012" (.30mm)
Maximum Cutting Capacity: archwires up to .021"x .025" (.55 x .64mm)



**Heavy Duty Hard Wire Cutter
908XP**

This instrument cuts up to 1.5mm wire with ease due to its triple action design. Inserted tips ensure precision cutting and perfect tip alignment.

Minimum Cutting Capacity: .014" (.36mm)
Maximum Cutting Capacity: wire up to 060" (1.5mm)



**Large Weingart with T.C.
803XP**

Designed with inserted tips providing maximum wire control, prevents the wire from slipping. Holds wire up to 030" (.76mm).



**Small Weingart Plier
P800-114T**

Designed with slim, tapered 20° tips with serrations that offer greater access and versatility for a secure grip of archwires and auxiliaries.



**Weingart universal pliers Mini
03-121**

Very slender design. For holding and positioning the arch. Accurately closing serrated tips. Not suitable for debonding brackets. Max. wire thickness: ø 0.5 mm, hard



**How Plier (Straight)
805XP**

A versatile utility plier with a long tapered tips. The 3/32" diameter tips are serrated to prevent wire slippage.



**How Plier (Angled)
806XP**

45° angled tips for convenient access to lingual and other difficult to reach areas



**Debonding Plier
P800-123T**

Designed for effective anterior and posterior removal of all bracket types – stainless steel, ceramic, and plastic brackets.



**Direct Bond Remover (Angled)
828XP**

Tips wedge between the edges of the bracket base and tooth surface and 60° angled allows easier access to difficult posterior brackets.



**Direct Bond Bracket Remover Angled
E852-209**

Designed for quick, comfortable removal of steel and ceramic brackets. May be used to grip brackets vertically or horizontally.



**Posterior Band Removing Plier, Long Handle
P800-120T**

Designed for clinician comfort. The alignment of the tip and occlusal pad is well suited for posterior band removal. These pliers come with a 3/16" (4.76mm) pad already loaded in the working ending and an extra 1/4" (6.35mm) pad for trial purposes. Replacement pads can be re-ordered as needed.



**Band Removing Plier,
P800-374T**

Designed for clinician comfort. The alignment of the tip and occlusal pad is well suited for posterior band removal. These pliers come with a 3/16" (4.76mm) pad already loaded in the working ending and an extra 1/4" (6.35mm) pad for trial purposes. Replacement pads can be re-ordered as needed.



**Adhesive Removing Plier
P800-124T**

Designed with a reversible, replaceable blade that is used to remove the bulk of composite material after debonding brackets and attachments. These pliers come with a 3/16" (4.76 mm) pad already loaded in the working end and an extra 1/4" (6.35 mm) pad for trial purposes. Replacement pads can be re-ordered as needed.



Light Wire Bird Beak Plier with Groove # 808XP

Designed with a longer cone than a standard bird beak and is useful for forming precise loops in light wires up to .020" (.51 mm). The groove allows for locating and duplicating loops.



Light Wire Plier with Groove # 807XP

The most popular wire bending plier. The tips provide excellent wear and bend archwires from .012" to .020" (.30mm – .51mm). Beaks are grooved for round wire at 1mm and 2mm from tip.



Small Adams Plier # 840XP

Inserted hardened tips provide excellent wear. Square beak 1mm at tip and parallel at .045" opening. Effective for wires up to .030" (.76mm).



Bird Beak Plier # 810XP

The most popular and versatile plier for working with round wire up to .028" (.71mm). The round beak is precision manufacture to a perfect cone – .025" at the tip. The pyramid beak is exactly .025" wide at the tip.



Bird Baek Pliers with Cutter # 809XP

The precise round and square tips bend archwires from .012" to .020" (.30mm – .51mm). Cutter at base of beaks cuts archwires from .014" to .020" (.36mm – .51mm).



Rectangular Arch Forming Plier Angled # P800-116T

Designed for placing first, second, and third order bends up to .070" (1.78 mm) blade width and on wires up to .021" x .025" (.53 mm x .64 mm).



NiTi Three Jaw Plier # P800-135T

Designed for the forming and contouring of all archwires, especially for nickel titanium wires up to .020" (.51 mm).



Three Jaw Plier # E852-2

Precision-aligned tips ensure consistent bends. Gradually tapered for delicate bending. Diamond honed edges. Will bend wires up to .030".



**De La Rosa
816XP**

Precision matched concave and convex tips for smooth contouring of light wire loops. Contours and forms arches without torquing.

Can be used on wires up to .021" x .025" (.55mm x .64mm).



**De La Rosa with Grooves
817XP**

DE LA ROSA" ARCH FORMING PLIERS. DESIGNED TO FORM AND CONTOUR ARCH WIRES ON ROUND OR RECTANGULAR WIRE. THE BEAKS HAS GROOVES OF 0,4mm, 0,46mm AND 0,56mm.



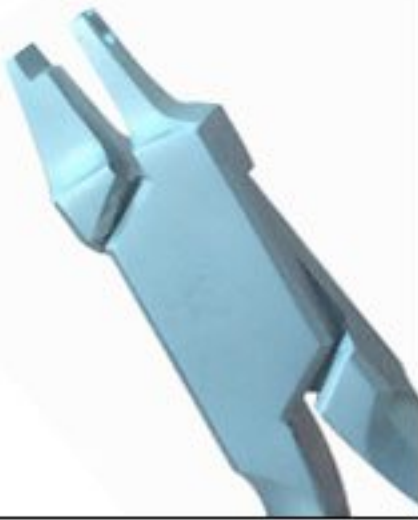
**Stop (V-Bend) Plier
P800-134T**

Places a V-Bend in archwires, including nickel titanium, to prevent the archwire from traveling. Wires up to .021" x .025" (.53 mm x .64 mm).



**Nance Plier
815XP**

Precision loop forming with four step tips 3mm, 4mm, 5mm and 6mm. Excellent for round and square wires up to .022" (.56mm). All working edges have been bevelled to prevent wire scoring.



**Crimbable Hook Plier (CHP)
820CHP**

Designed to crimp auxiliary stops, hooks and posts to archwires. The slotted design fits over the base of the hook while holding it tight during crimping.



**Jaraback Plier
P800-129T**

Designed to be a versatile light wire bending plier with grooves that assist with precise bending and closing of loops. The serrated surface grips wires up to .020" (.51 mm).



**Crimbable Archwire Hook Plier
820XP**

Designed for surgical ball hooks and auxiliaries. The slotted tip holds auxiliaries secure to provide for positive crimping.



Tweed Loop Forming Plier
P800-131T

Designed to form loops with .045" (1.14 mm), .060" (1.52 mm), and .075" (1.91 mm) diameters for creating bull and helical loops on wires up to .021" x .025" (.53 mm x .64 mm).



NiTi Distal Cinch Back Plier
P800-127T

Designed as a multi-use bender for bending NiTi wire up to .025" (.64 mm). Tie-back NiTi with no heat.



Hollow Chop Contouring Plier
P800-133T

Designed for the forming and contouring of all archwires, especially for nickel titanium wires up to .020" (.51 mm).



Crown Band Contouring Plier
P800-128T

Designed for reshaping and contouring steel molar bands for acustomized fit.



Torquing Plier Set
873XP

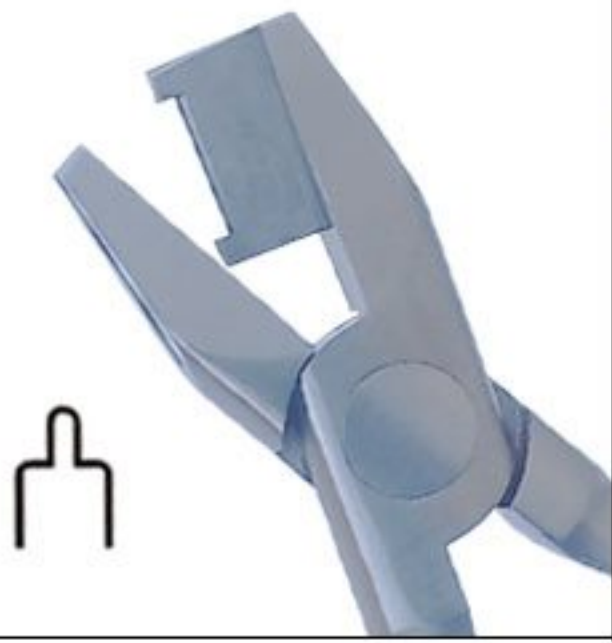
The torquing plier set allows the accurate placement of torque to square/rectangular archwires. Both male and female parts have hard wearing inserted tips.



Step Plier
1mm Ref. # OL- 601
1/2mm Ref. # OL- 602
3/4mm Ref. # OL- 603

Double-sided offset beak permits bayonet bends Creates righthand or lefthand step-up or step-down at 1/2, 3/4, or 1mm increments





Ligature Forming Pliers
545XP

Easily bands ligature wire into a performed ligature. For Joint stainless steel.



Lingual Arch Forming Plier
P800-132T

Designed to create double back and triple back bends in .030" (.76mm) and .036" (.91mm) lingual arch wires, up to .036" (.91mm).



Torquing Pliers Set
551XP

Wide with key Specially designed with wide key to place torquing bend into small sections of archwires (such as a bend for a single tooth) without distorting adjacent sections of the wire. Two piece set consists of one torquing plier and one .018"/.022" key.



L-Key
626XP

For Adhesive Removing Pliers Screw



Loop Tie Back Plier
501XP

Four-step plier automatically forms loops on wire up to .020" with one motion. Closing loops are easily made to desired height.



Replacement Blades
P800-124T

5.0mm replacement blade for Adhesive Removing Plier (P800-124T).

1blade



Z Bend Root Tip Plier (OP)
045XP

Designed to put a Z Bend Root Tip Back Bend (with one easy squeeze) in the archwire without removing the archwire. Comes in straight, double-sided, narrow and wide



Replacement Teflon Tips
P800-120T

3/16" (4.76mm) Teflon replacement tips for Posterior Band Removing Plier (#:P800-120T).

P800-124T
P800-374T

1/4" (6.35mm) Teflon replacement tips for Adhesive Removing Plier (P800-124T).

1pack
3 pcs pack



Force Module Separator
841XP

Designed for easy placement of separating elastic. Modules will not slip because of the undercut of the tips.



Fine Separating long beak plier.
842XP

Designed for easy placement of separating elastic.



Elastic Separating pliers.
558XP

Angulated beaks for accessibility, ease and accuracy. Grooved beaks assure positive hold for positioning elastics. Stainless Steel



**Adams Plier
164XP**

The Universal Adams the technicians favourite. Tungsten Carbide inserted tips, prevent wire slipping which helps to produce an accurate Adam's crib. Bends hard wire up to .039" (1.00mm) max.



**Spring Former Plier
165XP**

The technician's most popular plier for all appliances with Tungsten Carbide inserted tips. Perfectly machined to produce accurate coil springs. Bends hard wire up to 0.28" (0.7mm) max.



**General Use Plier
700XP**

Manufactured from Stainless steel this plier is able to bend hardwire up to .039" (1.0mm) max. Cuts hardwire up to .028" (0.7mm) max.



**Young Plier
703XP**

For labial, lingual, arches and canine loops. For hard wire up to .028" (0.7mm) max.



**Swartz Plier
704XP**

Arrow clasp forming plier, for hard wire up to .028" (0.7mm) max.



**Lingual Arch Bending Plier
705XP**

Grooved to hold several sizes of wire, jaw thickness is .12" (3.05mm). Ideal for double and triple back bends. Bends round, square and rectangular wires up to .036" (0.9mm) max.



**Conical Flat Nose Plier
707XP**

Has one serrated and one smooth tip. For use with wire up to .028" (0.7mm) max.



**Optical Plier
708XP**

One tip serrated One tip smooth For hard wire up to .028" (0.7mm) max.



**Micro long handled ligature cutter
911XP**

Maximum Cutting Capacity: soft wire up to .012" (.30mm).



**Micro Ligature Cutter 50 degree angle upper
956sXP**

Same features as ix956 but with a smaller head and shorter handles. Maximum cutting capacity: soft wire up to .012" (.30mm).



**Bracket Removing Plier
955XP**

The narrow sharp tips, enable access between the edges of the bracket base and tooth surface to remove direct bond brackets safely and comfortably.



**Cinch Back
953XP**

The serrated tips of this instrument hold the wire securely while bending the wire 90 degree distal to the buccal tube, avoiding patient discomfort.

For use with Nickel Titanium wires .012" – .018" (.30 x 46mm).



**Weingart 60 degree angle with T.C.
951XP**

Same features as ix950 with the addition of Tungsten Carbide tips. Maximum .018" (.46mm) wire.



**Flush Cut Distal End Safety Hold Cutter Long Handle with T.C
958XP**

Minimum Cutting Capacity:.016" (.41mm)

Maximum Cutting Capacity:archwires up to .021" x .025" (.55 x .64mm)



**Curved Smaha
940XP**

Fine curved tips but strong enough for inserting archwires and excellent for placing elastomerics to lingual brackets.



**Lingual Debonding Plier
609XP**

Lingual debonding plier. Ideal for debonding of lingual brackets in the anterior area.and pls check that the screw is always firmly tightened.



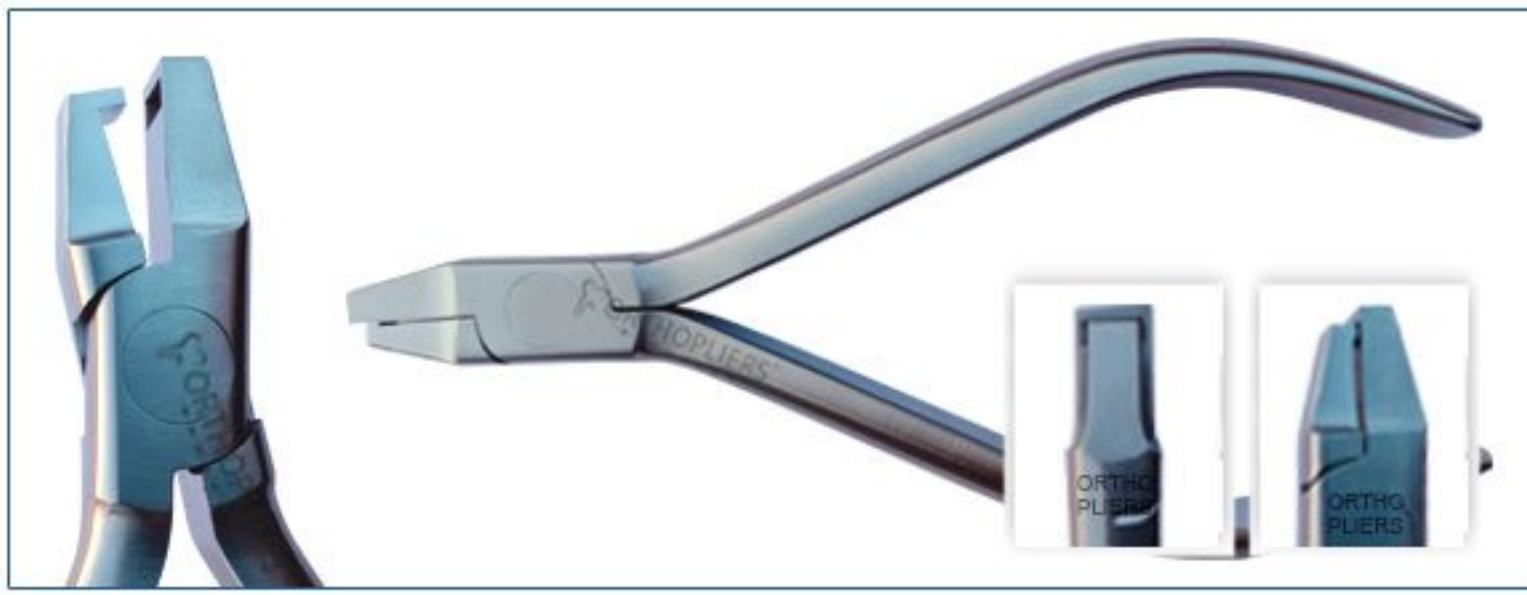
Tear Drop Aligner Plier
701XP

Adds a reservoir at the gingival margin anywhere elastic hooks are required within the arch, holding the elastics in place as the aligner is seated, permitting easier manipulation of elastics by the patient



1MM Aligner Dimple Plier
702XP

Designed to place a round dimple in any location on the aligner. No heat necessary to achieve the dimple. Simply squeeze the plier on the desired location to achieve the dimple. Due to the design of the dimple plier it will not distort the aligner during placement



Horizontal Aligner Plier
703XP

produces an indentation to accent individual root torque. It also enhances retention of either aligners or retainers by placing an indent into a tooth's undercut or below a bonded attachment



Vertical Aligner Plier
704XP

creates a vertical indentation, 1.5mm x 0.75mm, for individual tooth rotation.



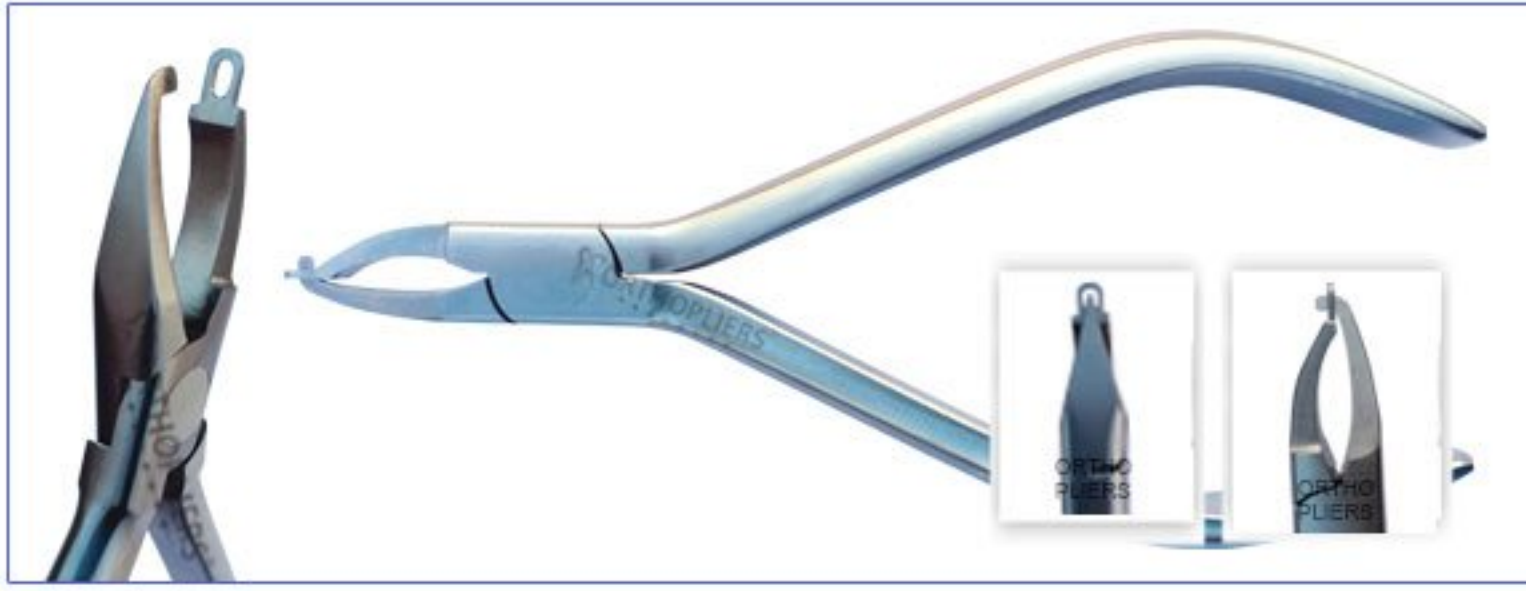
Aligner Whole Punch 3MM
705XP

Designed to place a round hole in any location on the aligner with one simple squeeze. When placing a hole in the aligner it is not necessary to heat the plier or the aligner, saving time chairside. Punch portion of the tip is a hardened stainless steel insert offering an easy, smooth cut.



Aligner Whole Punch Plier
706XP

Designed to place a round hole in any location on the aligner with one simple squeeze. When placing a hole in the aligner it is not necessary to heat the plier or the aligner, saving time chairside. Punch portion of the tip is a hardened stainless steel insert offering an easy, smooth cut



**2mm Dimple/Retention Forming Plier
707XP**

Use the retention on the gingival margin at the interdental to create a vertical indentation (2mm) for increased retention of retainers.



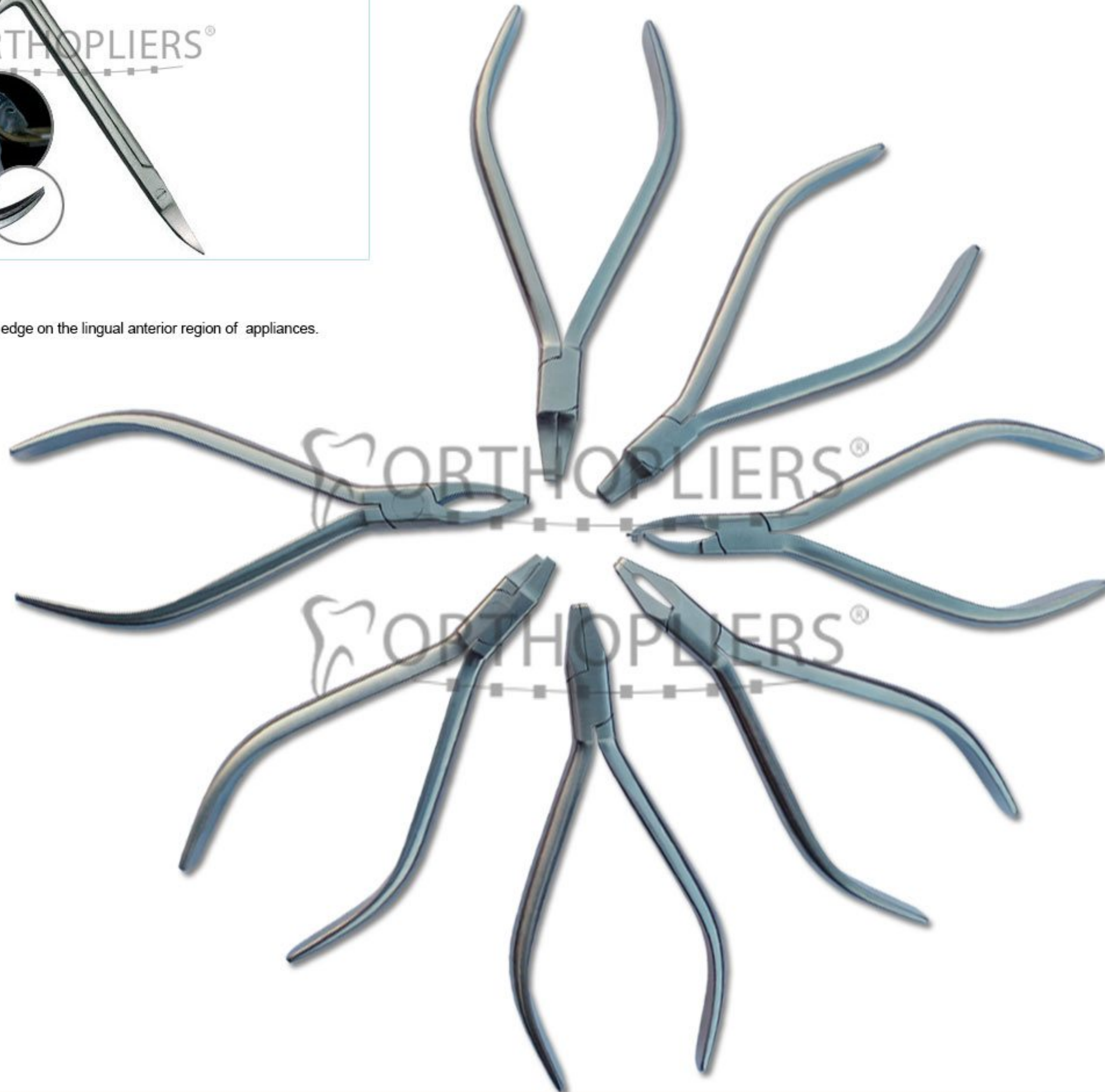
**Crown & Bridge Scissor Curved
708XP**

3 1/4" Crown & Bridge Scissors Designed for precise trimming, especially for the palatal or lingual on full arch appliances. Universal Shears 4" Curve Scissors



**Curved Aligner Scissor
709XP**

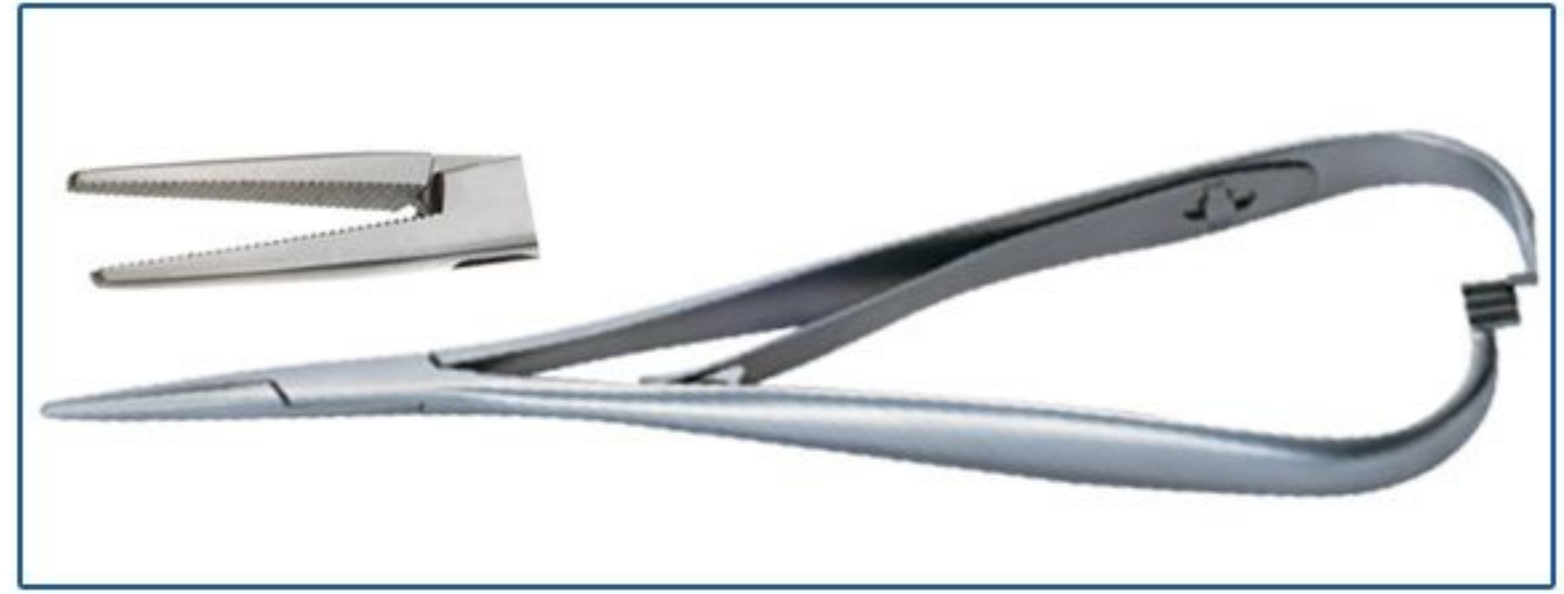
4" Curve Scissors Help obtain a clean, smooth edge on the lingual anterior region of appliances. Ideal for bleaching trays Autoclavable





Mathieu Needle Holder
540XP

Mathieu Needle Holder 14cm extra finest serration and fine beak (Ormco style)



Smaha (Straight)
863XP

Fine tips but strong enough for inserting archwires. Excellent for placing elastomeric ligatures.



Mathieu Needle Holder Ultra fine beak
541XP

Super Fine serrated beak for finest working and gripping O rings and needles while precision working.



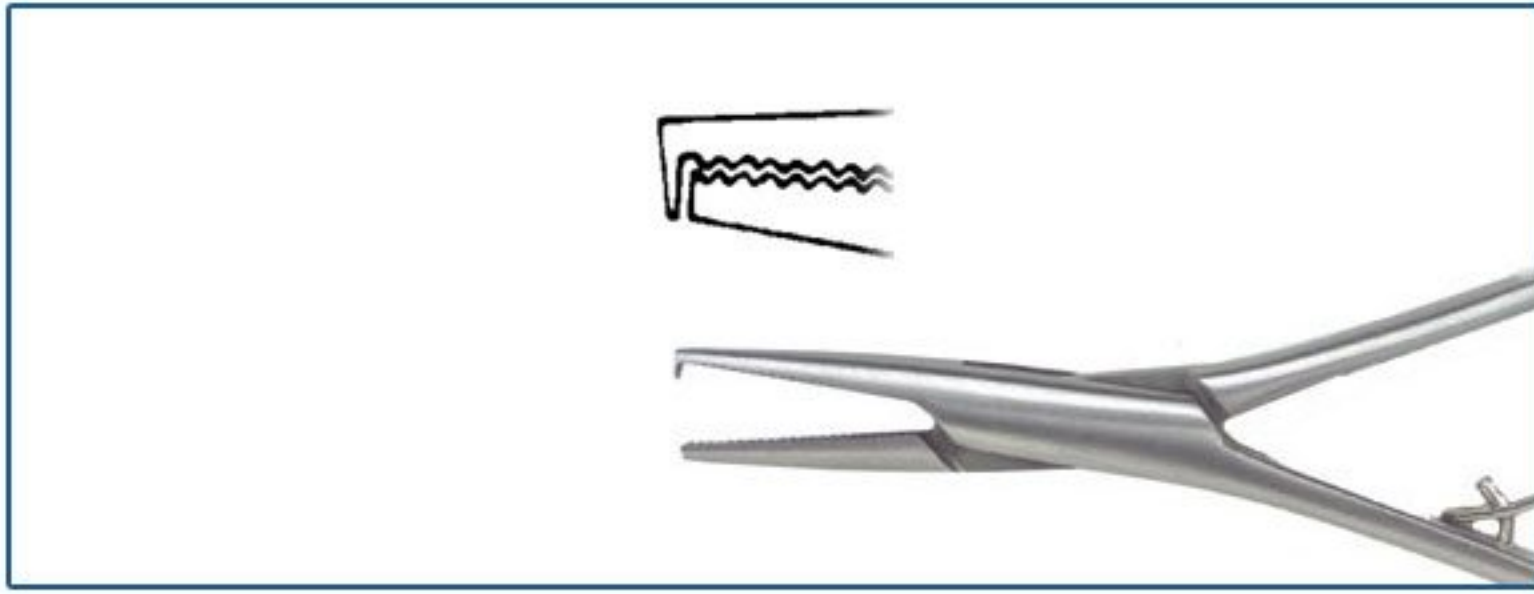
Mathieu Fine Tip
ODU-415

Autoclavable Stainless Steel Rack size L 155mm x H 120mm Precision serrated tips. Placement of ligating wires and elastomeric ties. Self-locking assures a non-slip grip.



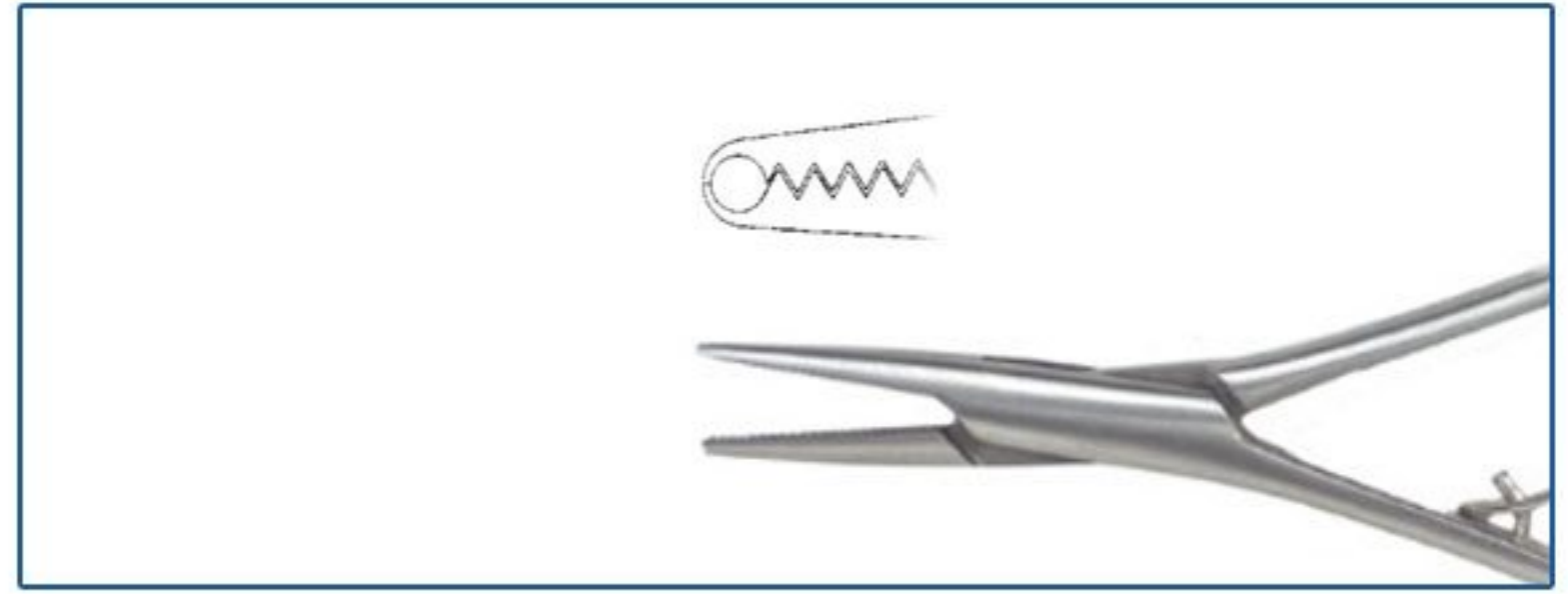
Mathieu Needle Holder with T.C.
861XP

Regular beak rounded tips designed for twisting ligature wire. Tungsten Carbide tips ensure excellent wear.



Mathieu Elastics Inserting Plier with Hook Tip
539XP

Using the Mathieu needle holder with orthopliers newest design tips guarantees the ease and sureness of placing elastics with a nonsli



Mathieu Elastic Inserting Plier (Grooved Tip)
538XP

Mathieu Needle Holder W/grooved tip guaranteeing the ease and sureness of placing elastics with a nonslip grip.



Mosquito Forceps
855XP

Mosquito Forceps have fine serrated tips.



Mosquito Forceps Curved
856

Feature same as 855XP Mosquito Forceps with Curved tips.





Direct Bond Holder
850XP

Spring loaded reverse action holds brackets until release is desired. Blade at the end of the tip helps with final bracket slot alignment.



Deluxe Direct Bond Holder
631XP

High quality finish with the addition of fine tips for easy placement of brackets and attachments. Positioning blade helps with bracket slot alignment.



Standard Bracket Holder with Positioning Blade
630XP

Spring loaded reverse action holds brackets until release is desired. Blade at the end of the tip helps with final bracket slot position.



Lingual Bracket and Bondable Tube Holder
632XP

Reverse action Tube placer designed for placing bondable tubes and lingual brackets and attachments. Curved design allows placement with an unobstructed view.



Curved Bracket Holder
633XP

Designed for placement of Lingual brackets and attachments. Serrated tips give excellent grip.



Mershon Band Pusher
846XP

Stainless steel serrated tip for a positive control with small rounded lower profile handle.



Classic Boone Gauge
105XP

Four different measurement settings-3.5mm, 4mm, 4.5mm, and 5mm allow you to select the right bracket height for any tooth. Made of top quality stainless steel. Heat or cold sterilization.



Bracket Height Gauge .022
867XP

For precise bracket positioning of .022 brackets.



Bracket Height Gauge 3.5mm-5mm .018
866XP ..

For precise bracket positioning of .018 brackets.



Large Rack
101XP ...

Autoclavable Stainless Steel Racksize L 155mm x H 120mm



Plier Rack
106XP

Single straight plier rack. Durable stainless steel construction. Can be cold sterilized. 4.5" x 10"



Medium Rack
102XP

Autoclavable Stainless Steel Racksize L 110mm x H 120mm



Instruments Ring Code
#

Designed to fit orthodontic plier handles, scalars, band seaters, hemostats and other orthodontic instruments. Made out of high temperature silicone that can withstand repeated autoclaving and heat sterilizations up to 370 degrees. Available in packs of 100.



Small Rack
100XP

Autoclavable Stainless Steel Racksize L 95mm x H 125mm

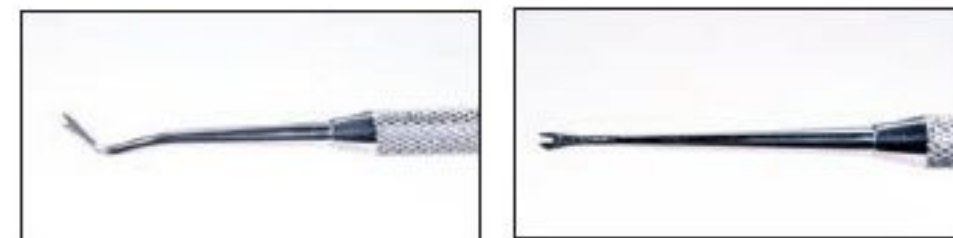
- | | |
|--------------|--------------|
| Blue 110XP | Green 111XP |
| Purple 112XP | Red 113XP |
| Black 114XP | Orange 115XP |
| Pink 116XP | White 117XP |
| Yellow 119XP | |

One color 25 pcs per packet



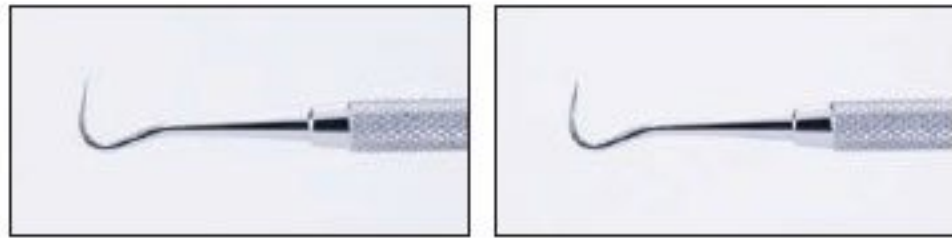
Classic Band Seater & Scaler
E852-0218

One end of this instrument assists in the placement of orthodontic bands; the other end is a scaler, ideal for scraping away excess band adhesive.



Classic Ligature Director
E852-0219

Used to help "tuck" excess steel ligature wire into the desired position. One end is straight, and the opposite end is angled for easy access to all regions of the mouth.



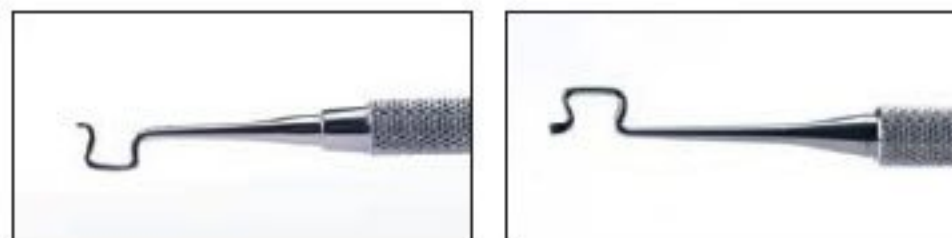
Classic Elastic Ligature Remover
E852-15

This double-ended instrument is designed to assist in the removal of elastomeric ligature ties. Both ends have a sharply pointed and curved hook.



Classic Ligature Director
E852-161

Used to help "tuck" excess steel ligature wire into the desired position. One end is straight, and the opposite end is angled for easy access to all regions of the mouth.



Classic Twirl On Instruments
E852-0217

Designed to quickly and more comfortably place cane-style elastic ligature ties.



Classic Mouth Mirror

Due to its Rhodium surface, the Classic Front Surface Mirror eliminates the so-called "ghost image" altogether, it reflects only once, guaranteeing clear vision, free from all distortion. Mirrors double as cheek retractors.

| Description | Qty/pk | Item # |
|--------------------|--------|--------|
| Double-Sided | 1/pk | 561XP |
| Single-Sided | 1/pk | 562XP |
| Cone Socket Handle | 1/pk | 563XP |





Small circle plier
TP620

Made from high quality stainless steel
Extended sure-grip handles
Contoured edges for patient comfort



Micro - Ramp pliers
TP560

Creates a divot designed to close spaces with Correctors Moves anterior teeth laterally, rotates small teeth, tips incisal edges and helps torque teeth
Made from high quality stainless steel
Contoured edges for patient comfort



Maxillary Tooth Moving pliers
TP520

Made from high quality stainless steel
Extended sure-grip handles
Contoured edges for patient comfort



Large circle plier
TP610

Large Circle Forming Therm Plier



Insertion pliers
#TP720

Select tooth movements, such as closing major diastemas, may require attachments. Hook Inserting Tack System provides a way to insert external hooks onto the aligner for attaching elastics.



ORTHOPLIERS®

orthodontic products

STERILIZATION INSTRUCTIONS

Autoclave

- 1- Lubricate joints before starting process
- 2- Instruments with joints should be sterilized in open position.
3. Pre-clean instruments using a high quality ultra sonic solution that is pH neutral and contain rust inhibitors. The use of distilled water will provide further protection against rust and discoloration.
4. Dry joints thoroughly with compressed air and towel dry
5. Place unwrapped instruments flat on tray with jaw open. Avoid instruments-to-instruments contact.
6. Operate sterilization cycle at 275 degree F for 3 Minutes This is the typical Parameter for steam autoclave. Refer to the instructions of the brand and model you use.
7. Lubricate Joints

Dry Heat

- 1- Lubricate joints before starting process
- 2- Instruments with joints should be sterilized in open position
3. Pre-clean instruments using a high quality ultra sonic solution that is pH neutral and contain rust inhibitors. The use of distilled water will provide further protection against rust and discoloration.
4. Dry joints thoroughly with compressed air and towel dry
5. Place unwrapped instruments flat on rack with jaw open. Avoid instruments-to-instruments contact.
6. Operate sterilization cycle at 375 degree F for 20 minutes. This is the typical cycle parameter for dry heat sterilization. Refer to the instruments of the brand model you use.
7. Lubricate joints

- All Pliers are made from AISI 410,420 Type stainless steel materials.
- High quality extra hard and highly durable immunity Steel Tips are used for Distal End Cutters , ligature, Cutters and Pliers where needed with special joining/welding technique for inserts - extreme stability is ensured.

Warranty and Repairs

1. All products are under warranty for the period of 1 year from the date of your purchase and to be of the highest quality and workmanship. If under normal use, any of our Pliers is found defective in material or manufacturing workmanship under current warranty, it will be repaired or replaced at our discretion. Misuse, negligence or lack of reasonable or proper maintenance and care will nullify this warranty.
2. Restrict to recommended wire size as indicated on cutters and pliers where TIPS are inserts. Our responsibility void if instruments are misused with heavier wires.

*The name of Quality
The Quality Precision
Orthodontic Instruments*

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Certified:

ISO: 13485 - cGMP - FDA

