



# INSTRUMENTS

- Razor Premium Cutting Pliers ▀
- Beck Premium Cutters ▀
- Spectrum Cutters ▀
- Spectrum Wire Forming ▀
- Spectrum Utility Pliers ▀
- Spectrum Removers ▀
- Bracket & Band Placers ▀
- Mathieu Needle Holders ▀
- Miscellaneous ▀

**Razor Distal End Safety Cutter - Long Handle**

Cut round wires up to .020, rectangular wires up to .022 x .028, and braided wires up to .016.



#800-213

**Razor Distal End Safety Cutter**

Cut round wires up to .020, rectangular wires up to .022 x .028, and braided wires up to .016.



#800-214

**Razor Distal End Safety Cutter - Flush Cut**

Cut round wires up to .020, rectangular wires up to .022 x .028, and braided wires up to .021 x .025.



#800-215

**Razor Pin and Ligature Cutter - Miniature**

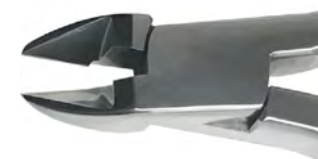
Cuts soft wire up to .015.



#800-217

**Razor Pin and Ligature Cutter - Slim**

Cuts ligature wire up to .015.



#800-218

**Razor Pin and Ligature Cutter - Fine Tip**

Cuts ligature wire up to .015.



#800-219

**Razor Hard Wire Cutter**

Cuts hard wire up to .020.



#800-223

Made from the highest quality German Stainless Steel.

Tungsten carbide inserts maintain a sharp cutting edge.

### Beck Distal End Cutter

Wire limits - .021" x .025"/.020"



#800-161

### Beck Distal End Cutter - Flush Cutter

Wire limits - .021" x .025"/.020"



#800-162

### Beck Distal End Cutter - Long Handle

Wire limits - .022" x .025"/.020"



#800-163

### Beck Ligature Cutter

Wire limits - .012"



#800-164

### Beck Hard Wire Cutter

Wire limits - .027"



#800-165

### Spectrum Distal End Cutter Safety Hold

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

Wire limits - .021" x .025"



#800-014

### Spectrum Distal End Cutter Safety Hold - Long Handle

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

Wire limits - .021" x .025"



#800-006

### Spectrum Safety Hold Distal End Cutter - Flush Cut

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

Wire limits - .021" x .025"



#800-015

### Spectrum Hard Wire Cutter

This instrument is designed to cut larger wire up to .022 x .028.



#800-023

### Spectrum Pin & Ligature Cutter

This instrument is designed to cut soft-wire pins and ligature wire up to .015.



#800-016

### Spectrum Mini Ligature Cutter

The fine tips on this model allow access into hard-to-reach areas. It is designed to cut soft-wire pins, elastics, and ligature wire up to .012.



#800-0163

### Spectrum Heavy Duty Wire Cutter

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



#800-033

**Spectrum Light Wire Pliers (Long Bird Beak)**

Designed for working on small wires and forming wire springs. The tapered beak makes it easy to bend small diameter loops. Bends wires up to .020.



#800-001

**Spectrum Bird Beak Pliers w/Grooves**

The most popular wire bending pliers. These smooth tipped pliers bend archwires from .012 to .020. The beaks are grooved for round wire at 1mm and 2mm from the tip.



#800-005

**Spectrum Bird Beak Pliers w/Cutter**

The most popular wire bending pliers. These smooth tipped pliers bend archwires from .012 to .020. The beaks are grooved for round wire at 1mm and 2mm from the tip. The cutter at the base of the beak cuts archwire from .014 to .020.



#800-002

**Spectrum Flat on Flat Pliers**

Tapered square beaks.



#800-007

**Spectrum Distal Niti Wire Crimper**

These pliers easily cinch the wire behind the buccal tube with one squeeze after wire is ligated into place. Slim-line design allows for maximum patient comfort.



#800-022

## Spectrum Tweed/Loop Forming Pliers

These pliers are excellent for making precise loops in .045, .060 and .075 diameters in wires up to .022x.025.



#800-044

## Spectrum Jarabak Pliers

These pliers are excellent for precise wire bending and forming loops. The precision tips are carefully beveled to create extreme accuracy in adjustments. You may use with wires up to .030.



#800-017

## Spectrum Optical Pliers (occulist)

The round and concave beaks bend round or rectangular wire with firm grip that will not score wire. Bends wire up to .020.



#800-061

## Spectrum Hollow Chop Pliers

The smooth working surfaces allow for consistent forming and contouring of arches up to .030.



#800-035

## Spectrum V-Bend Stop Pliers

The special design makes 1mm "V" bends to shorten archwires or provide a positive stop. Excellent for placing stops in Niti Archwires. Use for round or rectangular wires up to .019x.025.



#800-008

### Spectrum Three Prong Pliers

The precision aligned tips are gently rounded for consistent contouring and bending without damaging the archwire. The one piece construction of the double tip ensures superior strength. Can be used on wire up to .030.



#800-012

### Spectrum Step Pliers (1mm, 3/4mm, 1/2mm)

The double sided offset beak permits bayonet bends. It can create right hand or left hand step-up or step-down at 1/2mm, 3/4mm, and 1mm increments.



(1mm) #800-276 (3/4mm) #800-277 (1/2mm) #800-278

### Spectrum Ribbon Tweed Arch Forming Pliers

Designed for torquing and bending square or rectangular wires. The blades are designed to be parallel at .020 opening. Can be used on wires up to .021x.025.



#800-043

### Spectrum Loop Forming & Closing Pliers

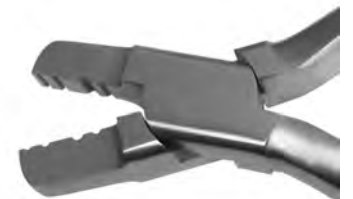
Precision loop forming with four-step tip (3, 4, 5, and 6mm). Excellent for wires up to .022. Beveled edges prevent wire scoring and pliers are serrated on one beak to prevent wire slippage.



#800-128

### Spectrum Lingual Arch Forming Pliers

These pliers make consistent, repeatable bends. Forms double-back and triple-back bends in .030 and .036 archwire. For use with lingual sheaths.



#800-129

### Spectrum Loop Tie Back Pliers

Four-step pliers automatically form loops on wire up to .020 with one motion. Closing loops are easily made at desired height.



#800-088

### Spectrum Utility Arch Pliers

Special design with 3mm step for accurate utility arch construction. The notches in the pliers' beak crimp preformed utility archwires into proper position.



#800-123

### Spectrum Angled Utility Arch Pliers

The angled beak with pin simplifies the placement and manipulation of preformed utility archwires. Forms 3mm steps for accurate utility arch construction. Preformed utility archwires can be easily crimped in the mouth.



#800-124

### Spectrum 3mm Utility Arch Step Pliers

Automatically form 3mm step in archwires. Excellent instrument for bending utility archwires.



#800-125

### Spectrum Torquing Pliers Set w/Wide Key

Specifically designed to place torquing bend into the small sections of archwires (such as a bend for a single tooth) without distorting adjacent sections of the arch- wire. Two piece set consists of one pair of torquing pliers and corresponding key.



#800-130

(replacement key)  
#800-131

### Spectrum Three Prong Clasp Pliers

A heavier pair of 3 Prong Pliers to bend heavier wires in functional, lingual and expansion appliances. The notch in the beaks prevent the wire from slipping.



#800-127

### Spectrum Three Prong Facemask/Facebow Pliers

This instrument is designed to cut round wires up to .062 diameter and features a design that specifically contours the inner and outer arches of a facebow.



#800-132



### Spectrum Weingart Utility Pliers

This instrument features matching serrated tips that hold wires firmly at a convenient working angle. Carefully tapered beaks fit easily between brackets and are rounded for safety and comfort. It can hold round and rectangular wires up to .022x.028.



#800-004

### Spectrum How Utility Pliers - Straight

These are versatile utility pliers with long tapered tips. The 3/32" diameter tips are serrated to prevent slippage and rounded for patient comfort.



#800-038

### Spectrum How Utility Pliers - Curved

These are versatile utility pliers with long tapered tips. The 3/32" diameter tips are serrated to prevent slippage, angled to 45° for convenient access to lingual and other difficult to reach areas and also rounded for patient comfort. They can hold wires firmly at a convenient working angle.



#800-036

### Spectrum Deluxe Elastic Separating Pliers

The notched tips secure elastics and are angled for easy placement and easy release. A unique spring creates gentle force reducing fatigue. The round handles enhance comfort.

\*Recommend for use with Elastic Separators and Safety Knob Separators, refer to page 58



#800-010

### Spectrum Ultimate Hook Crimping Pliers

The Ultimate Hook Crimper is designed for placement and securing of the Long & Short Ultimate Crimpable Hooks.



\*Refer to page 61 for more information on crimpable hooks.



#800-083N

### Spectrum GTS Crimping Pliers

This instrument is designed for securing of the GTS large and small springs.

\*Refer to page 61 for more information on the Goodman Torquing Springs.



#800-087

## SPECTRUM REMOVERS

### Bonded Appliance Removing Pliers

Designed to debond appliances easily with minimal patient discomfort.



#800-138

### Spectrum Adhesive Remover

This instrument features a superior tip design that removes excess adhesive after debonding, and has a double ended replaceable blade.



#800-074

Replacement Pads 3/pk #800-074P  
Replacement Blade #800-074B

### Spectrum Posterior Band Remover

This instrument safely and quickly removes posterior bands. The pointed tip slides under the band while the plastic tip protects the occlusal surface of the tooth for patient comfort.



#800-009

Replacement Tips (3/pk) #800-009T

### Spectrum Direct Bond Bracket Remover - Angled

This instrument features sharp tips that wedge between the edges of the bracket base and tooth surface to remove direct bond brackets safely and comfortably. The 60° angle allows easier access in the difficult to reach posterior brackets.



#800-063

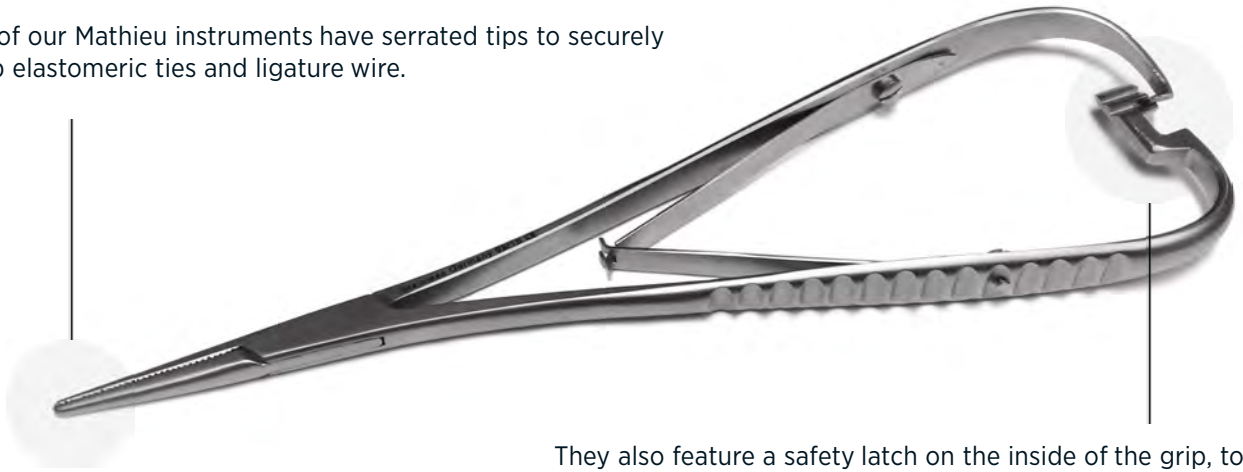
### Spectrum Anterior Bracket Remover

This instrument removes brackets easily by holding the side of the bracket in a horizontal position (under the tie wing) and applying pressure by torquing or turning in a clockwise motion.



#800-063A

All of our Mathieu instruments have serrated tips to securely grip elastomeric ties and ligature wire.



They also feature a safety latch on the inside of the grip, to avoid the annoyance of it constantly catching on dental gloves.

**Mathieu Needle Holder w/Safety Latch - Regular Tip**

A wider serrated tip to hold ligature wire and Kobayashi Hooks firmly during placement.



#800-122

**Mathieu Needle Holder w/Safety Latch - Fine Tip**

A finer serrated tip to securely place elastic ligature and wires.



#800-120

**Mathieu Needle Holder w/Safety Latch - Ultra Fine Tip**

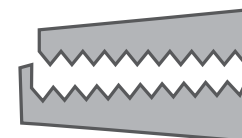
This ultra fine tip is designed specifically to place elastic ligatures securely and more easily by taking up less surface area.



#800-121

**Mathieu Needle Holder w/Safety Latch - Hook Tip**

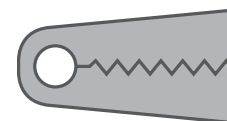
The hook tip assures a firm grip on the ligature elastics during placement.



#800-119

### Mathieu Needle Holder w/Safety Latch - Hole Tip

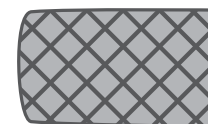
Features a small groove at the tip to securely hold ligatures during placement.



#800-117

### Mathieu Needle Holder w/Safety Latch - Flat Tip

The front portion of the beak is flat to easily grasp and twist ligature wire and Kobayashi Hooks.



#800-118

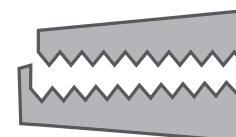
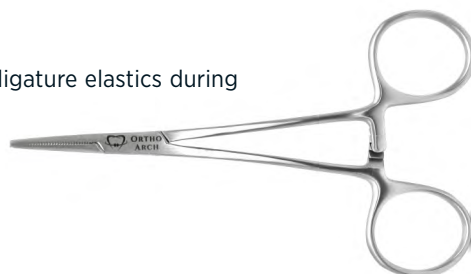
### Mosquito Hemostat - Fine Tip



#800-070W

### Mosquito with Hook

The hook tip assures a firm grip on the ligature elastics during placement.



#800-070H

### Hole Punch Aligner Pliers

Creates a half-moon cut-out to permit the addition of bondable buttons or tubes on the first molar. Also relieves plastic impingement.



#800-151

### Horizontal Indent Aligner Pliers

Makes a horizontal pressure bar indentation to add lingual or labial root torque. The horizontal bar can also increase retention of the aligner.



#800-152

### Vertical Indent Aligner Pliers

Enhances the correction of rotated teeth.



#800-153

### Tear Drop Punch Aligner Pliers

Cuts a notch at the gingival margin to attach intraoral elastics.



#800-154

### Dimple Aligner Pliers

One small round dimple creates pressure points in the aligner. The wrench allows you to adjust the height of the dimple.



#800-155

### Dimple Eraser Aligner Pliers

The flat surface of the eraser plier reduces or flattens the dimple to remove the pressure.



#800-156

### Deluxe Bracket Placer / Slot Aligner

Design features a bracket holder on one end and a slot aligner on the other. The slot aligner end fits into the bracket slot for accurate placement.

Slot Aligner



#800-030

### Reverse Action Keat Molar Tube Placer

Molar tube placing tweezers that have the correct size and angulation to facilitate access to the buccal region. It holds the buccal tube firmly when the tweezers are relaxed, and releases when engaged.

Slot Aligner



(long handle with slot aligner)  
#800-039L

### Keat Molar Tube Placer

Finely pointed tips grip a buccal tube within the slot, giving a firmer, more accurate placement. Tip contour allows for maximum visibility.



#800-028

### 5-in-1 Bracket Placer & Aligner

This instrument includes an anterior bracket placer, posterior bracket placer, bracket height gauge, perio probe and alignment mirror.



#800-041

### Anterior Bracket Placer

Unique reverse action tweezers with finely serrated beaks for a non-slip grip. Easy release of both metal and plastic direct bond brackets (fits narrow to wide twin).



#800-031

### Bracket Placing Tweezers



#800-040

## BRACKET PLACERS & TWEEZERS

### Conlin Bracket Placer

The vertical upright tips make this instrument ideal for use with Conlin or Tip Edge Brackets. Also helpful with lining up the tooth horizontally.



#800-032

### Cotton Tweezers / Slot Aligner

The advantage these tweezers offer is the slot aligner which can be put in the bracket slot to align the bracket accurately. The tips of the tweezers are serrated for a firm grip of the bracket.



#800-045

### Precision Ligature Director

Tip has 3 serrated surfaces to make directing ligature and kobyashi wires easier and faster.



#800-071

## MISCELLANEOUS

### LITE Double Ended Ligature Director



(1/4")  
#800-062

(3/8")  
#800-062W

### LITE Band Pusher / Scaler



(1/4")  
#800-064

(3/8")  
#800-064W

### LITE Ligature Remover / Director



(1/4")  
#800-065

(3/8")  
#800-065W

### Double Ended Elastic Remover

The spiral tip is designed to easily remove elastic ligatures.



#800-069

### Cinch Back / Distal Bender

A necessity for every doctor. This tool has a long handle with an angled tube on one end. The angled tube is used to bend the archwire distal to the buccal tube to create a cinch-back bend in a hard to reach area.



#800-075

### Bracket Height Gauge

This metal gauge accurately measures height of bracket on the tooth from the incisal edge. Gauge has 3.5mm, 4.0mm, 4.5mm, and 5.0mm marks.



(.018)  
#800-066

(.022)  
#800-067

### Swivel Head Bracket Height Gauge

A sturdy stainless steel instrument with positions for four bracket height dimensions; 3.5mm, 4.0mm, 4.5mm, and 5.0mm from the occlusal surface. Can be adjusted to facilitate easy use on anterior, cuspid, and bicuspid brackets as both ends have a hinge that allows the instrument to be angled 45°. For use on .018 and .022 brackets.



#800-068

### Deluxe Boley Gauge-Curved

Designed for accessibility and ease. Measures in millimeters. Curved and pointed beaks facilitate accurate measurements. Longer beaks make it easier to measure in the posterior region.



#800-081

### Bracketizer

A multi-functional tool designed with millimeter guides to facilitate accurate bracket placement. Fits between tie wings to assist in bracket alignment. Assists in removing excessive adhesive.



#800-076



### Boone Bracket Gauge

This unique gauge is placed on the incisal/occlusal surface of the tooth to simplify bracket positioning. Measures 3.5mm, 4.0mm, 4.5mm, and 5.0mm.



#800-034

### Large Mouth Mirror



#800-050

### Polar Bear Martensitic

Used intraorally on heat-activated archwires for easy placement of specific and difficult bends. Can be Chilled quickly and easily. Can be heat or cold sterilized.



#800-073

### Heavy Band Pusher

Stainless Steel with a finely serrated point. Used for effective control while pushing, burnishing or seating bands. Treated handle serrations provide a firm grip during use.



#800-048

### Band Seater / Bite Stick

The high heat Band Seater/Bite Stick is manufactured using a high temperature plastic that will withstand temperatures up to 390°F. Can be cold sterilized and will not discolor. Made of an FDA allowable lexan that can withstand repeated autoclaving or cold sterilization.



(autoclavable)  
#800-0182

### Nustar SLB Easy Opening Tool

Designed for quick and easy opening of our Nustar SLB Brackets and molars.

\*Refer to pages 4-5 for more information on Nustar Self Ligating Brackets.



#800-126

### Shorty Twist Holder

Firmly holds shorty ligature and Kobayashi ties to easily and quickly place around bracket.



\*Refer to page 53 for more information on shorty and Kobayashi ligature ties.



#800-133

### Wire Director and Opener Tool



#800-078

### Posterior Direct Bond Bracket Positioner

Designed to direct bond posterior teeth. The serrated tip holds the attachments securely for easy placement.



#800-046

### Anderson Gauge

Stainless Steel bracket height gauge with 3.5, 4, 4.5 and 5mm measurements.



#800-140

### Deluxe Gram Gauge

This precision gauge measures elastic and spring forces up to 600 grams.



#800-137

### Upright Plier Rack w/Cover

The compact design holds 12 instruments. The clear cover protects the pliers and opens easily for easy access. 6" wide x 4" deep x 7" tall.



#700-071

### Horizontal Plier Rack w/ Cover (12 Pliers)

10" wide x 7" deep x 2.5" tall.



#700-074

### Plier Carousel w/ Center Tube



#700-075