SCHWEICKHARDT inserted pliers

- More precise handling of wire. High precision beaks guarantee perfect holding, bending and cutting results.
- Longer lasting working ends through especially hard inserts.
- Special manufacturing process brazes the inserts to the beaks. The results are very precise and reliable.
- High corrosion resistance without chrome plating — zero risk of plating peeling off.
- Better guidance of working ends. Precision machine work on both joint and screw ensure a precise and smooth action over a long time.
- Higher safety and comfort through careful chamfering of all edges.
- Easier instrument care: All standard U.S. hygienic procedures are applicable, especially ultrasonic cleaning and hot air sterilization up to 390°F.

SCHWEICKHARDT non-inserted pliers

- More precise handling of wire. High precision beaks guarantee perfect holding, bending and cutting results.
- Longer lasting working ends through especially hard inserts.
- Better guidance of working ends. Precision machine work on both joint and screw ensure a precise and smooth action over a long time.
- Higher safety and comfort through careful chamfering of all edges.
- Handle shape designed for comfort and ease of use.
- Easier instrument care: All standard U.S. hygienic procedures are applicable, especially ultrasonic cleaning and hot air sterilization up to 390°F.
**Band Adapter (RMO®)**
- Durable plastic bite block and RMO® tempered stainless steel band seating pin
- For bite or hand rocking bands
- White plastic handle
- Serrated pin
- Replacement bite block (can be installed at chairside)
- Cold sterilize

<table>
<thead>
<tr>
<th>Description</th>
<th>Package Contains</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Band adapter (RMO®)</td>
<td>1</td>
<td>100064</td>
</tr>
<tr>
<td>Replacement bite block</td>
<td>2</td>
<td>100065</td>
</tr>
</tbody>
</table>

**Band Pusher**
- Serrated stainless steel tip, non-removable
- Stainless steel handle – square with chamfered corners
- Tip end has square serrations

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>With offset tip</td>
<td>1</td>
<td>100580</td>
</tr>
<tr>
<td>Replacement offset tip</td>
<td>1</td>
<td>100581</td>
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<tr>
<td>With straight tip</td>
<td>1</td>
<td>100600</td>
</tr>
<tr>
<td>Replacement straight tip</td>
<td>1</td>
<td>100601</td>
</tr>
<tr>
<td>With narrow straight tip (Gaston)</td>
<td>1</td>
<td>100610</td>
</tr>
<tr>
<td>Replacement narrow straight tip</td>
<td>1</td>
<td>100611</td>
</tr>
<tr>
<td>Replacement spring</td>
<td>1</td>
<td>100582</td>
</tr>
</tbody>
</table>

**Band Seater (RMO®)**
- Spring actuated thrust insures proper band seating
- Plastic handle with stainless steel barrel and tempered steel removable tip

<table>
<thead>
<tr>
<th>Description</th>
<th>Package Contains</th>
<th>Order Number</th>
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<tbody>
<tr>
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<tr>
<td>Replacement offset tip</td>
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<td>100581</td>
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<tr>
<td>With straight tip</td>
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<td>100600</td>
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<td>Replacement straight tip</td>
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<tr>
<td>With narrow straight tip (Gaston)</td>
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<td>100610</td>
</tr>
<tr>
<td>Replacement narrow straight tip</td>
<td>1</td>
<td>100611</td>
</tr>
<tr>
<td>Replacement spring</td>
<td>1</td>
<td>100582</td>
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</table>

**Contouring Plier (Johnson)**
- Concave and convex tips for contouring bands
- Stainless steel

<table>
<thead>
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<th>Description</th>
<th>Package Contains</th>
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</thead>
<tbody>
<tr>
<td>Concave and convex tips for contouring bands</td>
<td>1</td>
<td>100114</td>
</tr>
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</table>

**Contouring Plier (Gordon)**
- For bands & anterior stainless steel crowns
- Stainless steel
- Box joint

<table>
<thead>
<tr>
<th>Description</th>
<th>Package Contains</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>For bands &amp; anterior stainless steel crowns</td>
<td>1</td>
<td>100137</td>
</tr>
</tbody>
</table>
How Plier Straight
- Extra hard stainless steel
- Good all around utility plier has long slender lip-safe beaks
- Tips are serrated and hard carbide coated for additional grip
- Lip-safe edges at box and beaks
- Tips are precisely adjusted

Order Number: I00110

How Plier Curved
- Same as I00110 only with curved beaks
- Curved beaks increase efficiency in posterior area

Order Number: I00111

Utility Plier (Weingart Style)
- Stainless steel
- Tips are delicate and meet precisely so that even small attachments can be firmly held
- General purpose utility plier with curved beaks
- Inserted tempered tips for longer life
- Serrated and lip safe
- Tip width 8mm / Tip length 10mm
- Up to .020” (.508mm) wire

Order Number: I00556

Utility Plier (Weingart Style - Mini)
- Stainless steel
- Tips are delicate and meet precisely so that even small attachments can be firmly held
- General purpose utility plier with curved beaks
- Tempered tips for longer life
- Serrated and lip safe
- Tip width 6mm

Order Number: I00586
**Loop Plier (Tweed)**
- Tips precision milled
- Three step loop former: .049” (1.25mm), .065” (1.65mm), .085” (2.15mm)
- Grooved and serrated opposing tip for very small loops
- For up to .022” x .028” (0.559mm x 0.711mm) wire
- Non-removable tip

**Order Number**
- I00350

**Package**
- Contains 1

**Description**
- Loop Plier
- Replacement tips

**Loop Forming Plier (Optical Type)**
- Cone and concave beaks for round wires
- Concave beak is contoured for more uniform loops
- Round beak is precision ground to .047” at tip
- For up to .020” (0.508mm) round wires

**Order Number**
- I00351

**Package**
- Contains 1

**Description**
- Loop Plier (Tweed)
- Includes one extra replacement tip
- It has two sections of .047” (1.2mm), .059” (1.5mm)
- Concave beak prevents wire nicking and ensures more uniform loops; for making Omega loops
- For up to .020” (0.508mm) wire

**Order Number**
- I00548
- I00549

**Package**
- Contains 1

**Description**
- Loop Plier
- Replacement tips

**Wire Bending Plier Angle (Bird Beak Type)**
- Tips meet very precisely
- Cone and pyramid shaped tips
- Carbide coated tips for better grip of wire and longer lifetime
- Round beak is precision ground to .039” (1.0mm) at tip
- For up to .022” x .025” (0.559mm x 0.635mm) wire and round up to .028” (0.711mm)

**Order Number**
- I00139

**Package**
- Contains 1

**Description**
- Light Wire Plier
- Longer, more gradually tapered beak than the Bird Beak Plier
- For working light round wires up to .020” (0.508mm)
- Longer beaks make it easier to bend small diameter loops

**Order Number**
- I00140

**Package**
- Contains 1

**Description**
- Lingual Arch Forming Plier
- Designed to form double back and triple back bend in either .030” (0.762mm) or .036” (0.914mm) wire for inserting in lingual sheaths
- Double back groove is close to the plier joint to assure adequate forming
- Recommended for use with 3D® FIXED/REMOVABLE™ (Wilson®) for palatal activation appliances

**Order Number**
- I00420

**Package**
- Contains 1

**SCHWEICKHARDT:** WIRE BENDING PLIERS
Closing Loop Plier (Nance)
- Extra hard stainless steel
- Four step loop forming beaks precision milled
- Radiused edges prevent wire damage
- Up to .028” (0.711mm) wire

Closing Loop Plier (Standard)
- Same use and same characteristics as the Nance
- Permits uniform vertical bendings
- Permits the simultaneous forming of two right angled bends
- Up to .028” (0.711mm) wire

Nickel Titanium Crimping Plier
- Forms a smooth bend or crimp without nicking Nickel
  Titanium wire
- Used on .012 to .028 (.0305mm to .711mm) wire

Three Jaw Clasp Adjusting Plier (Aderer Type)
- Tips for rounded or dimensional wire up to .040” (.1016mm)
- Exact shape and position of beaks will avoid squeezing and marking of wire
- Made from extra hard stainless steel

Three Jaw Bending Plier
- Very sturdy, for wires up to .060” (1.5mm)
- Can be used for bending the arms of expansion appliances

Arch Forming Plier (Angle)
- For bending, holding or torqueing dimensional wires
- Stainless steel with hard carbide coated tip surfaces
- Offering max resistance against wear by torquing
- Up to .021” x .028” (0.534mm x 0.711mm) wire
Distal End Cutter With Safety Hold

- Shear cuts hard wire and then safety holds the loose distal end to prevent wire from going into tissue
- Hard tool steel insert
- For up to .021 x .025 (0.534mm x 0.635mm) and .026 (.66mm) round wire
- Designed for intraoral cutting and lip safety
- Surgical stainless steel provides lasting beauty and durability
- Recommended for all non-braided wire

<table>
<thead>
<tr>
<th>Description</th>
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<tr>
<td>Regular beak</td>
<td>1</td>
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<tr>
<td>Small beak (Reaches the molar area easier, due to the small beak)</td>
<td>1</td>
<td>100554</td>
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</table>

Flush Distal End Cutter with O-Ring

- Hardened insert
- Wire up to .022” x .028” (0.559mm x 0.711mm) and up to .026” (0.660mm) round wire
- O-ring ensures no direct contact, keeping a longer lasting sharpness

<table>
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<tr>
<th>Description</th>
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<tr>
<td>long cutter</td>
<td>1</td>
<td>100568</td>
</tr>
<tr>
<td>replacement o-ring</td>
<td>10</td>
<td>100569</td>
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</table>

Distal End Cutter Flush V Design

- Assures arch wire is cut flush with the end of a tube
- Safety hold is ideal for intraoral cutting and lip safety
- Cuts Elgiloy®, S.S. and Nickel Titanium .016” (0.406mm) to .018” x .022” (0.457mm x 0.559mm)
- Braided Wire .0175” (0.445mm)
- Carbide insert

Distal End Cutter (Flush)

- Assures arch wire is cut flush with the end of a tube
- Safety hold is ideal for intraoral cutting and lip safety
- Cuts Elgiloy®, S.S. and Niti .014” (0.356mm) to .018” x .022” (0.457mm x 0.559mm)
- Braided Wire .0175” (0.445mm)
- 420SS insert
- Should not be autoclaved
**Ligature and Hard Wire Cutter**
- Stainless steel
- Designed for cutting wires with minimum force
- Cuts up to .022” x .028” (0.559mm x 0.711mm)
- Hard tool steel inserts

<table>
<thead>
<tr>
<th>Package Contains</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>I00553</td>
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</tbody>
</table>

**Heavy Wire Cutter**
- Hard tool steel insert
- Cutting capacity up to .040” (1.016mm) in the rear area, .024” (0.610mm) in front

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>I00265</td>
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</tbody>
</table>

**Ligature Cutter**
- Soft ligature wire only – up to .020” (0.508mm)
- All edges of lock are lip safe for intraoral use
- Fine tips for easy intraoral access
- Pliers will cut wires up to the very tip
- Hard tool steel inserts are diamond honed

<table>
<thead>
<tr>
<th>Package Contains</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>I00552</td>
</tr>
</tbody>
</table>

**Miniature Cutter**
- Soft ligature wire only – up to .012” (0.305mm)
- Hard tool steel inserts are diamond honed

<table>
<thead>
<tr>
<th>Package Contains</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>I00551</td>
</tr>
</tbody>
</table>
**Ligature Tying Plier (Coon)**
- Semi-automatic
- Locking channel is chamfered and burr-free to allow wire to slide before locking without being cut
- Tips are thin allowing close contact to bracket
- Up to .012” (0.305mm) soft wire

**Module Placing Plier**
- For initial placing of force modules
- Ideal for placing ligatures and separators
- Easy access to difficult areas (posterior)
- Reduces module breakage
- Patient safe, easy spring-back action

**Ligature Tucker and Tier (Broussard™)**
- Stainless steel
- One end twists steel ligature into a tie
- The other tucks twisted wire

**Ligature Tucker**
- Straight notched tip at one end for anterior brackets
- Angled notched tip at other end for posterior brackets
- Chamfered slots avoid breakage of ligature wires
- Tips are smoothed to avoid hurting tissue

**Needle Holder Small Narrow Tip (Mathieu)**
- Ratchet lock handle
- Tips are serrated and carbide coated for positive gripping of ligature wires and modules
- Hook tip style makes placement of elastic modules and gripping easy.
- 5.4” (13.7cm) long
- Ligature wire up to .016” (0.406mm)

**Needle Holder Small (Mathieu)**
- Precision made ligating instrument tips – safe beaks
- With ratchet lock handle
- Free sliding inner spring opens beaks
- Tips are serrated and carbide coated for positive gripping of ligature wires and modules
- 5.25” (13cm) long
- Can be used on ligature wire up to .016” (0.406mm)

**Mosquito Hemostat**
- 4.75” (12cm) long
- With locking handle
- Serrated tips for positive gripping
**Posterior Band Removing Plier**
- Long chisel tip with carbide insert
- Facilitates removal of posterior bands
- Occlusal nylon pads are replaceable

<table>
<thead>
<tr>
<th>Description</th>
<th>Package Contains</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plier</td>
<td>1</td>
<td>I00347</td>
</tr>
<tr>
<td>Replacement Pads</td>
<td>10</td>
<td>I00357</td>
</tr>
</tbody>
</table>

**Direct Bond Removing Plier**
- Wedges between both edges of the base and the tooth surface and lifts off with virtually no stress
- Grips firmly for occlusal-gingival or mesial-distal use
- Hard tool steel insert

<table>
<thead>
<tr>
<th>Description</th>
<th>Package Contains</th>
<th>Order Number</th>
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</thead>
<tbody>
<tr>
<td>Narrow</td>
<td>1</td>
<td>I00545</td>
</tr>
<tr>
<td>Wide</td>
<td>1</td>
<td>I00546</td>
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</tbody>
</table>

**Utility Scaling, Ligature Remover and Band Seating Instrument (Schure)**
- Precision knurled handle
- Sharp scaling shape on one end and serrated band seating tip on the other
- Heat-treated tips maintain sharp edge for extended use

**Band Pusher/Scaler (Guequierre)**
- Dual scaling surface
- One end has sharp curved scaling head with serrated tip on the other
**Cap Removal Plier**
- This precision stainless steel instrument uses joint plier transfer to shear off convertible caps effortlessly with one fluid motion.
- The slender rail design allows doctors to easily access the buccal region with little obstruction.
- The blade tips feature a filleted design allowing for an easy, low-force cap removal.
- Can be used on any convertible buccal tubes as well as convertible brackets.
- Each packaged instrument includes two replacement blades.

<table>
<thead>
<tr>
<th>Description</th>
<th>Package Contains</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cap removal Plier, 2 Replacement Blades</td>
<td>1</td>
<td>I01200</td>
</tr>
<tr>
<td>Replacement Blades</td>
<td>5 each</td>
<td>I01201</td>
</tr>
</tbody>
</table>

**Cap Removal Instrument (RMO®)**
- To remove caps from convertible tubes.
- Replaceable blade provides leverage when removing cap.
- Tip of blade fits securely in arch slot of tube.
- Each packaged instrument includes 10 replacement blades.
- Stainless steel handle and blade.

<table>
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<th>Description</th>
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<td>Instrument</td>
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<tr>
<td>Replacement blades</td>
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<td>I00559</td>
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</table>

**Modular Omega Plier (RMO®)**
- Used to adjust the expansion or contraction of the Omega loop on the Bimetric Distalizing Arch (Wilson).
- Hook on round end to hold Omega loop.

<table>
<thead>
<tr>
<th>Description</th>
<th>Package Contains</th>
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<tbody>
<tr>
<td>Plier</td>
<td>1</td>
<td>I00548W</td>
</tr>
<tr>
<td>Replacement tips</td>
<td>2</td>
<td>I00549W</td>
</tr>
</tbody>
</table>

**Crimpable Hook Plier**
- For attaching crimpable hooks securely to arch wires with minimum pressure.
- Stainless steel.

<table>
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<tr>
<th>Description</th>
<th>Package Contains</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>I00129</td>
</tr>
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</table>

**Direct Bonding Tweezer, Self-Locking w/Thin Tips**
- Self-locking action.
- Ideal for posterior bracket placement.
- Thin tips fit between bracket wings and base.
- Recommended for use with the RMO® Bondable Lingual Retainer.

<table>
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<tr>
<th>Description</th>
<th>Package Contains</th>
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<tbody>
<tr>
<td>RMO Direct Bonding Tweezer</td>
<td>1</td>
<td>I01102</td>
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</tbody>
</table>
Hex Wrench
- Stainless steel with hard steel tip
- For use with RM® Lock

<table>
<thead>
<tr>
<th>Description</th>
<th>Package Contains</th>
<th>Order Number</th>
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</thead>
<tbody>
<tr>
<td>Hex Wrench</td>
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</tbody>
</table>

Fitzgerald X-Ray Holding Unit Rubber Bite Block

<table>
<thead>
<tr>
<th>Description</th>
<th>Package Contains</th>
<th>Order Number</th>
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<tr>
<td>Large</td>
<td>2</td>
<td>100364</td>
</tr>
<tr>
<td>Small</td>
<td>2</td>
<td>100365</td>
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</table>

Ortho/Trace - Cephalometric Tracing Acetate
- Smooth matte with transparent surface – .003” (0.076mm)
- Gives sharp lines when tracing study radiographs
- Rounded corners match standard 8” x 10” (20.32 x 25.4cm) rounded corner radiographs

<table>
<thead>
<tr>
<th>Description</th>
<th>Package Contains</th>
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</thead>
<tbody>
<tr>
<td>Ortho/Trace</td>
<td>100 sheet</td>
<td>J00086</td>
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</table>

Inter-Proximal Reduction (IPR) strips
- Perforations eliminate tooth enamel damage from overheating
- Diamond-coating increases lifetime of strip
- Color-coded system for clear, concise differentiation between grain styles

<table>
<thead>
<tr>
<th>Description</th>
<th>Grain</th>
<th>Thickness</th>
<th>Color</th>
<th>Package Contains</th>
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<tbody>
<tr>
<td>Single Sided</td>
<td>Extra-Fine</td>
<td>0.07 mm</td>
<td>Red</td>
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<td>100720</td>
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<tr>
<td>Single Sided</td>
<td>Fine</td>
<td>0.10 mm</td>
<td>Blue</td>
<td>10</td>
<td>100721</td>
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<tr>
<td>Single Sided</td>
<td>Regular</td>
<td>0.14 mm</td>
<td>Green</td>
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<td>Double Sided</td>
<td>Extra-Fine</td>
<td>0.11 mm</td>
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<td>Regular</td>
<td>0.20 mm</td>
<td>Green</td>
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## Instruments

**SCHWEICKHARDT: SPECIALIZED INSTRUMENTS, AUXILIARIES**

### Instrument Rack

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<tbody>
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### Cephalometric Tracing Template
- Designed to provide the most anatomically correct presentation of typical teeth
- Includes: prediction table, frontal and lateral views of most teeth, pterygoid and condylar tracing shapes, metric scales, protractor and relationship guides
- Fits approximately 80% of the teeth without compensation, yet can also adjust to fit individual teeth.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1 pkg</td>
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### Penta-Morphic® Arch Selector
- Made of 8” x 10” Vinylite

<table>
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<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
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### 3D® Lingual Arch Selector

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### 3D® Bimetric Arch Selector

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<tr>
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### 3D® Maxillary Bimetric Distalizing Arch Selector

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<tbody>
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### Distalizing Arch Selector

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### RMO® Instrument Lubricant
- Technical grade white oil that can be applied after drying and prior to sterilization
- Improves the instrument life
- Fast and economical solution that prevents rust and protects cutting edges
- Regular treatment reduces the chance of oxidation

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