



# Expect Excellence



At Ortho Technology (OT), our priority is to provide quality products, excellent service, and strive to be the best value oriented Orthodontic Company in the industry. We understand that as a clinician, you are constantly searching to improve the treatment experience for your practice and your patients. That is why we recently launched innovative new appliances like our Lotus Plus® DS Self-Ligating Bracket System (pg. 16). Through advancements in manufacturing technology, we're constantly improving existing product lines to help practitioners become more efficient. With our launch of Votion® and Pinnacle® Stainless Steel Bracket Systems, we provide doctors brackets with updated features for improved practice productivity at excellent value. (p. 40-45)



Our purpose as an organization is to assist the clinician in improving their patient's health, smile, and self-esteem. We believe that Orthodontics is one of the most rewarding professions to be a part of. Our products help you improve patient health and vibrancy while providing lifetime results. Helping you create beautiful smiles is our business.



It is our mission to provide quality, value oriented orthodontic products and services; to partner with you, our customers, as trusted advisors, enabling you to deliver the best patient care, while also helping you to enhance the efficiency and profitability of your practice.



Whether you're a practitioner in the United States or reside half-way across the globe, we want to thank you for your continued support. We understand that you have many options in the marketplace and want to thank you for making Ortho Technology "Your First Choice" for orthodontic supplies.



We look forward to our next 25 years as your business partner. Thank you for being part of our bright future - as we strive to provide you with even better value, happier patients, and a more efficient practice.



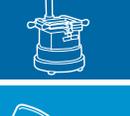
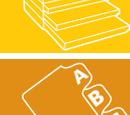


**PINNACLE**<sup>®</sup>  
STAINLESS STEEL BRACKET SYSTEM

See page 43 for product details.

Product availability varies by country. Ask your Sales Representative for details.

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# Our Systems

## Ortho Technology

### Offers a Full Line of Archwire Solutions

TruFlex™, TruForce™, BetaForce™, Universal Form™, and TRIFECTA® lines are available in Stainless Steel, Beta Titanium, Nickel Titanium, Copper Nickel Titanium with and without stops and Thermal Nickel Titanium. Shaped as Pre-Torqued, Full Form, Euro Form, Standard Form, Reverse Curve of Spee and Retraction archwires. Available in Tooth Tone®, 8 Strand Braided, 3 Strand Twist, 6 Strand Coaxial, Gold Plated, Spooled and Straight lengths. Available with etched or dimpled midlines.

See pages 73-91

### 13 Different Bracket Systems Offer Maximum Choice

Crystal clear sapphire, translucent ceramic, metal-lined ceramic, composite, metal-lined composite, stainless steel, gold plated stainless steel, and self-ligating brackets. Patients will love the choices and you will love the performance of Ortho Technology's extensive line of bracket systems.

See pages 8-53

### Creatures of the Sea® Orthodontic Elastics

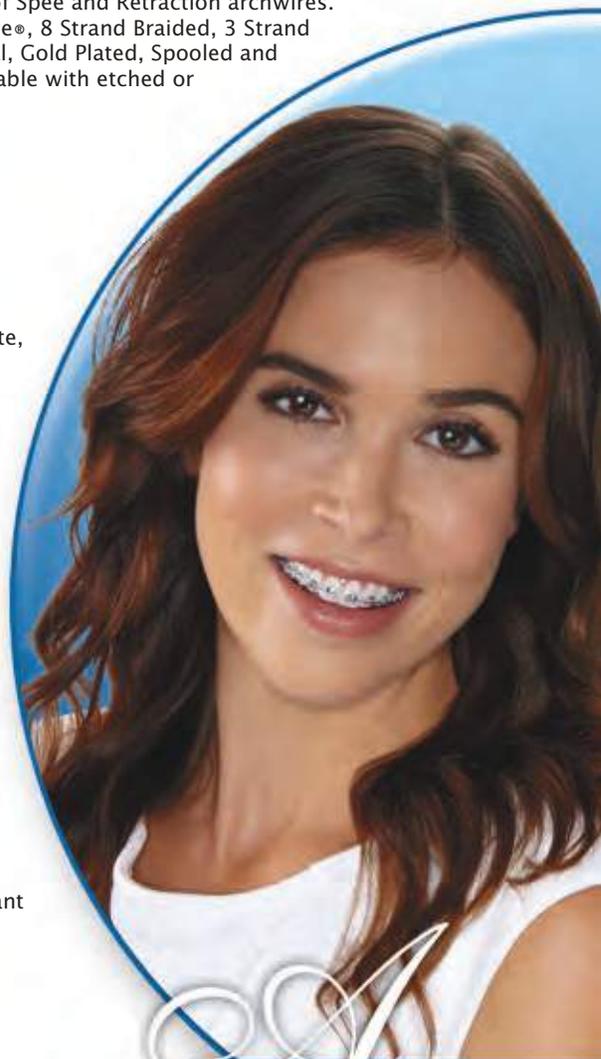
Easy to use identification system manufactured with high quality medical grade materials to deliver consistent and accurate force. Printed tooth diagram aids in proper placement of elastics. Packaged in light-resistant patient packs.

See pages 106-107

### TruFit™ 2.0 Molar Bands with Prewelded Buccal Tubes

Each TruFit 2.0 band has precision shaped tooth anatomy for a tight secure fit with excellent retention. Strong yet malleable proximal walls that require little to no burnishing. Maximum buccal height allows greater placement and positioning flexibility of buccal tubes and lingual attachments.

See pages 54-68



Perfect

# Your Practice

## Falcon Orthodontic Instruments®

Our Falcon orthodontic instruments are hand crafted using the finest grade surgical stainless steel and have a long-lasting buffed, polished finish. Pliers and cutters feature factory adjusted sliding lock joints, diamond honed cutting edges, and stainless steel inserts for long lasting tip alignment and a clean wire cut every time.

See pages 182-187

## Resilience® Bonding Supplies

The light-activated and primer-activated systems provide the optimum properties for bonding ceramic, metal, or plastic brackets to teeth. The composite adhesive has ideal viscosity which delivers predictable handling characteristics that eliminate bracket flotation and allow for easy flash removal. Produces a quick setting, strong mechanical bond which debonds easily. Contains fluoride to help protect against potential decalcification.

See pages 111-115

## Galaxy™ Diamond Discs Interproximal Reduction

Diamond Discs are perfect for both reduction and contouring. Smoothly remove tooth mass interproximally to create intra-arch space or open contact points between teeth. Great for use with many popular clear aligner systems.

Discs are available in 22.0 mm or 19.0 mm when space is limited.

See page 151

## DuraLock® PLUS Impression Trays

Using DuraLock PLUS trays save time. By eliminating the extra steps of coating the tray with adhesive and waiting for it to dry, the impression process is simplified and accelerated. DuraLock PLUS trays also

eliminate inadequate coverage and/or tissue impingement and ensure an accurate fit every time by offering more size choices than competing trays. Reliable strength and stability are the trademarks of DuraLock PLUS.

See pages 134-135

# Match

QUALITY AND EXCELLENCE



Over 25 Years  
Since 1991

of Delivering Value to  
Orthodontists Around the World



# Over 25 Years of Excellence

## Innovations in Aesthetics

Ortho Technology not only offers several aesthetic bracket lines but takes aesthetic treatment to the next level by offering an extensive selection of Tooth Tone® coated archwires, ties, springs, and attachments.



## Unique and Exclusive Products

Ortho Technology takes pride in offering a multitude of unique and exclusive products. We are constantly researching, developing, and improving our products to ensure the most innovative and highest quality products are available.



## Product Line Variety and Completion

Ortho Technology offers all products necessary to complete any patient treatment. From first impressions to debonding pliers and burs as well as patient hygiene accessories, we offer a thorough selection of products.



## Superior Customer Service

Ortho Technology strives to provide complete customer satisfaction with every interaction. By doing this, our goal is to ensure a long-lasting and trusted relationship with every customer.

## Competitive, Honest Pricing

The goal of Ortho Technology's pricing structure is to supply quality products at a fair price. We understand that a fair product price is just as important as the product itself.



## Same Day Shipment

Most orders ship the same day you place your order. You can have your products as soon as the next business day. Place your order before 2:00 P.M. E.S.T. and request overnight shipping. Otherwise we will ship your order via common carrier.

## Hassle-Free Returns

We understand that your purchase may not always meet your needs. In an effort to make the return process as hassle-free as possible, we ask that you please call us. Your satisfaction is very important to us, and your input helps us improve our products and service. When you call, a return authorization number will be assigned. This number will help expedite your exchange, credit, or refund.





# INNOVATION, AESTHETICS AND EXCELLENCE



We understand that as an Orthodontist, you are constantly searching to improve the treatment experience for you and your patients. To support you, we offer innovative solutions through our many bracket lines. From stainless steel to clear sapphire, translucent ceramic and composite aesthetic to passive and active self-ligating, we have the bracket you need. Your patients will love the choices, and you will love the performance of Ortho Technology's extensive line of bracket systems. Expect the highest quality available at a fair price with every product we offer.

## SELF-LIGATING



**Sensation™**  
Active Ceramic  
Self-Ligating  
Bracket System

P.10



**SensationM**  
Active Stainless Steel  
Self-Ligating  
Bracket System

P.13



**Lotus Plus® DS**  
Passive and Interactive  
Self-Ligating  
Bracket System

P.16

# DISCOVER OUR EXTENSIVE LINE OF BRACKETS

## AESTHETIC



**PURE<sup>®</sup>**

Saphire  
Bracket System

P.26



**Reflections<sup>™</sup>**

Ceramic  
Bracket System

P.30



**Encore!<sup>™</sup>**

Metal-Lined  
Ceramic  
Bracket System

P.33



**Avalon<sup>®</sup>**

Metal-Lined  
Composite  
Bracket System

P.35



**OrthoFlex<sup>™</sup>**

Composite  
Bracket System

P.36

## METAL



**VOTION<sup>®</sup>**

Stainless Steel  
Bracket System

P.40



**PINNACLE<sup>®</sup>**

Stainless Steel  
Bracket System

P.43



**Marquis<sup>™</sup>**

Stainless Steel  
Bracket System

P.46



**Bionic<sup>™</sup>**

Stainless Steel  
Bracket System

P.48



**Marquis<sup>™</sup>  
TruGold<sup>™</sup>**

24K Gold Plated  
Bracket System

P.50



Brackets



# Sensation™

Active Ceramic Self-Ligating Bracket System

The Perfect Mix of Aesthetics and Efficiency

**COMPARE TO:**  
 Empower® Clear by American Orthodontics  
 In-Ovation® C by DENTSPLY GAC

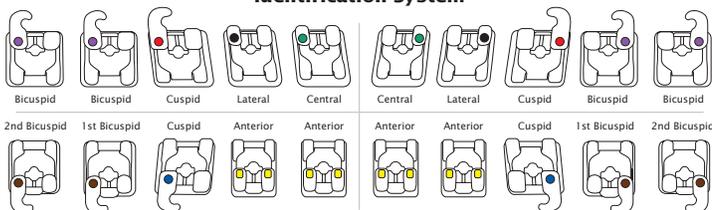
## The Benefits are Clear

Sensation Active Ceramic Self-Ligating Brackets benefit both patient and practice by providing uncompromised aesthetics and comfort for your patients with faster treatment times for your practice. Sensational results from start to finish. The ceramic material provides strength and durability as well as a translucent appearance that is unmatched by any other bracket system. The rhodium coating on the cobalt-nickel clip increases the clip's strength for extraordinary durability. A strong mechanical bond is created on the bracket base through the use of alumina spheres. Debonding is predictable and easy. The unique guide rail ensures stable and consistent force during clip opening and closing making archwire changes a breeze. With fewer archwire changes, shorter office visits, and reduced chairtime, the benefits are clear.

### Passive to Active



### Identification System



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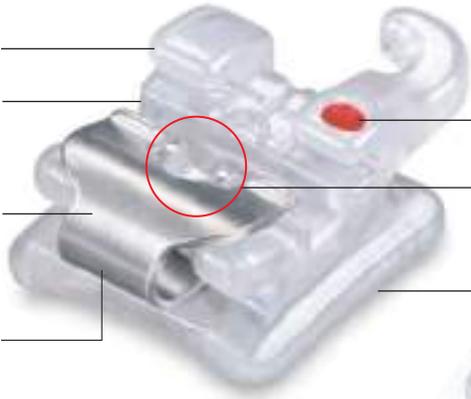
**Rounded Corners**  
For added patient comfort

**Archwire Slot Design**  
Enhances sliding mechanics

Extremely resistant to slot-wear, cracking, and fracturing

**High Quality Rhodium Coated Clip**  
Manufactured using a Cobalt-Nickel alloy to provide resiliency and durability

**Non-Removable Clip**  
Prevents accidental removal



**Removable Color Coded ID Dot**  
For easy bracket selection

**Unique Guide Rail**  
For stable and consistent force during clip opening and closing

**Compound Contour Base**  
Provides an ideal bracket fit

**Unique Bonding Base**  
Alumina spheres provide superior shear bond strength and predictable debonding

**No Primers Needed for Bonding**



**Ultra-Smooth, Strong Hooks**  
For added patient comfort and secure engagement of elastics

**Vertical Scribe**  
For vertical repositioning

**Generous Contoured Tie-Wing Area**  
For easy bracket ligation and patient comfort

**Translucent**  
For pleasing aesthetics

## Sensation™

Work with Efficiency

### Simple Opening



### Simple Closing



### And Most Importantly Predictable Debonding



See page 14 for complete Opening, Closing and Debonding Instructions

Go Online [www.orthotechnology.com/sensation](http://www.orthotechnology.com/sensation)  
For complete Opening, Closing, and Debonding Instructions



On Our Website  
Sensation™  
Instructional Video

# BRACKET SYSTEMS



## Sensation™

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+11°	+5°	.126"	R	180-12-1100
				L	180-12-2100
2 2 Lateral	+8°	+9°	.116"	R	180-12-1200
				L	180-12-2200
3 3 Cuspid with hook	-2°	+8°	.138"	R	180-12-1310
				L	180-12-2310
4/5 4/5 Bicuspid with hook	-7°	0°	.126"	R	180-12-1910
				L	180-12-2910

## Sensation™

Ortho Technology's version of the McLaughlin, Bennett, & Trevisi Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+17°	+4°	.126"	R	180-22-1100
				L	180-22-2100
2 2 Lateral	+10°	+8°	.116"	R	180-22-1200
				L	180-22-2200
3 3 Cuspid with hook	+0°	+8°	.138"	R	180-22-1310
				L	180-22-2310
4/5 4/5 Bicuspid with hook	-7°	0°	.126"	R	180-22-1910
				L	180-22-2910

### Single Patient Kit Description

#### Upper/Lower 5x5

1 kit (20 brackets)

#### Individual Brackets

1 pack (10 brackets)

### Patient Kits

#### Description

Upper/Lower 5x5 Hooks 3, 4, & 5

### Item Numbers

#### .022" Slot

180-12-2011

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.112"	U	180-12-6800
3 3 Cuspid with hook	-11°	+7°	.138"	R	180-12-3310
				L	180-12-4310
4/5 4/5 Bicuspid with hook	-17°	0°	.126"	R	180-12-3910
				L	180-12-4910

### Patient Kits

#### Description

Upper/Lower 5x5 Hooks 3, 4, & 5

### Item Numbers

#### .022" Slot

180-22-2011

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.112"	U	180-22-6800
3 3 Cuspid with hook	0°	+3°	.138"	R	180-22-3310
				L	180-22-4310
4/5 4/5 Bicuspid with hook	-12°	0°	.126"	R	180-22-3910
				L	180-22-4910

\*The Ortho Technology versions of the Roth and McLaughlin, Bennett, & Trevisi Rx's are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

## Sensation™ SLB Opening Instrument

Unique Clip Opening Tool Specifically Designed to Prevent Overstressing of the Clip



Sensation Brackets must be opened using the OT-7920 Clip Opening Instrument. **Using the incorrect instrument may result in clip damage.**

Item #: OT-7920  
Heat sterilizable up to 370°F/188°C  
1 per pack

### Important Clip Opening/Closing Tips:

An important part of the closing procedure is making sure the archwire is securely pressed into the base of the archwire slot before pressing on the clip. This can be done with a ligature director or light finger pressure on the archwire. **Failure to do so may deform the clip and cause it to be inoperable.**

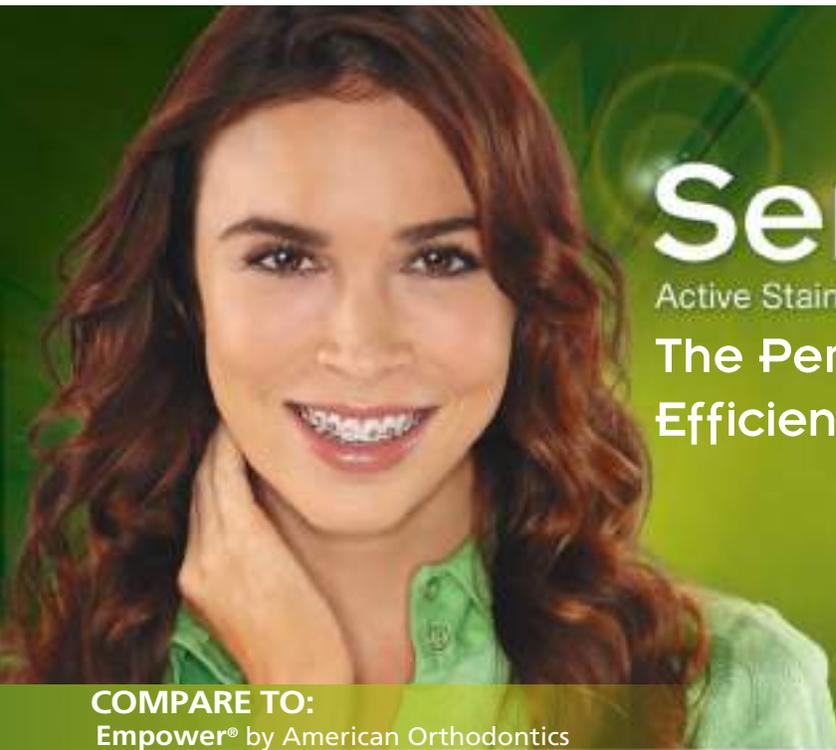
Both Sensation and Sensation M clips open and close in the same manner, however, each require a unique instrument. While both instruments may look similar, each must be used with the appropriate bracket system.



### FOR MORE INFORMATION ABOUT...

Sensation Active Self-Ligating Brackets  
Opening, Closing and Debonding Instructions

See pages 191



# Sensation<sup>M</sup>

Active Stainless Steel Self-Ligating Bracket System

The Perfect Mix of Efficiency and Control



**COMPARE TO:**

Empower<sup>®</sup> by American Orthodontics  
In-Ovation<sup>®</sup> R by DENTSPLY GAC

## Ideal Treatment Control

Sensation M Active Stainless Steel Self-Ligating Brackets provide ideal control in all stages of treatment. The passive stage of the clip during the initial treatment phase allows for more efficient leveling and aligning. Sliding mechanics are also enhanced during the passive and transitional phases. The active stage of the clip engages the archwire securely into the base of the archwire slot, fully expressing the in-out, angulation and torque built-in to the bracket.

Unlike traditional brackets where forces can diminish when ligatures are stretched into place, the self-ligating clip design offers continuous force levels during wire deflection/unloading. This allows practitioners to adjust time between office visits.



**Removable Color Coded ID Dot**  
For easy bracket selection

**Fixed Clip Design**  
Prevents accidental removal

**Long Axis Scribe Line**  
Acts as a clear visual cue for placement at the top and bottom of the bonding base



**Smooth Rounded Hooks**  
For added patient comfort and secure engagement of elastics

**Compound Contour Base**  
Provides an ideal bracket fit to tooth surface

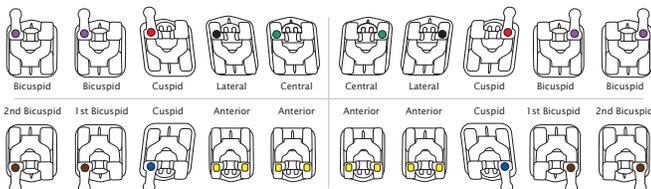
**80 Gauge Micro-Etched Mesh Base**  
Ensures maximum bond strength with predictable and safe debonding

**Low Profile Design**  
Smooth rounded facial contours to optimize patient comfort

**High Quality Clip**  
Manufactured using a Cobalt-Nickel alloy to provide resiliency and durability

**Ample Under Tie-Wing Area**  
For application of elastomeric chains

**Identification System**



**Passive to Active**



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## Sensation™ M

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+11°	+5°	.114"	R	390-12-1100
				L	390-12-2100
2 2 Lateral	+8°	+9°	.106"	R	390-12-1200
				L	390-12-2200
3 3 Cuspid with hook	-2°	+8°	.116"	R	390-12-1310
				L	390-12-2310
4/5 4/5 Bicuspid with hook	-7°	0°	.116"	R	390-12-1910
				L	390-12-2910

## Sensation™ M

Ortho Technology's version of the McLaughlin, Bennett, & Trevisi Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+17°	+4°	.114"	R	390-22-1100
				L	390-22-2100
2 2 Lateral	+10°	+8°	.106"	R	390-22-1200
				L	390-22-2200
3 3 Cuspid with hook	0°	+8°	.116"	R	390-22-1310
				L	390-22-2310
4/5 4/5 Bicuspid with hook	-7°	0°	.116"	R	390-22-1910
				L	390-22-2910

## Sensation™ M SLB Opening Instrument

Unique Clip Opening Tool Specifically Designed to Prevent Overstressing of the Clip



Sensation M Brackets must be opened using the OT-8920 Clip Opening Instrument. **Using the incorrect instrument may result in clip damage.** Item #: OT-8920  
Heat sterilizable up to 370°F/188°C  
1 per pack

### Important Clip Opening/Closing Tips:

An important part of the closing procedure is making sure the archwire is securely pressed into the base of the archwire slot before pressing on the clip. This can be done with a ligature director or light finger pressure on the archwire. **Failure to do so may deform the clip and cause it to be inoperable.**

Both Sensation and Sensation M clips open and close in the same manner, however, each require a unique instrument. While both instruments may look similar, each must be used with the appropriate bracket system.

### Single Patient Kit Description

#### Upper/Lower 5x5

1 kit (20 brackets)

#### Individual Brackets

1 pack (10 brackets)

#### Patient Kits Description

Upper/Lower 5x5 Hooks 3, 4, & 5

#### Item Numbers

**.022" Slot**  
390-12-2011

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.098"	U	390-12-6800
3 3 Cuspid with hook	-11°	+7°	.116"	R	390-12-3310
				L	390-12-4310
4/5 4/5 Bicuspid with hook	-17°	0°	.116"	R	390-12-3910
				L	390-12-4910

#### Patient Kits Description

Upper/Lower 5x5 Hooks 3, 4, & 5

#### Item Numbers

**.022" Slot**  
390-22-2011

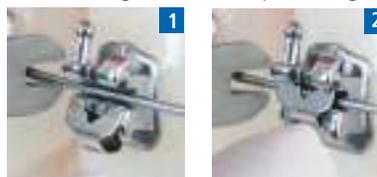
▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.098"	U	390-22-6800
3 3 Cuspid with hook	0°	+3°	.116"	R	390-22-3310
				L	390-22-4310
4/5 4/5 Bicuspid with hook	-12°	0°	.116"	R	390-22-3910
				L	390-22-4910

\*The Ortho Technology versions of the Roth and McLaughlin, Bennett, & Trevisi Rx's are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.



### Simple Opening - To open the Sensation M Bracket Clip:

- Place the inside hook of the opening instrument into the opening of the door of the bracket interface.
- Tilt the opening instrument gingivally to avoid possible removal of the clip.
- Pull straight down to open using a gentle controlled force.



### Simple Closing - To close the Sensation M Bracket Clip:

- Place light pressure to seat the archwire in the slot base by using finger pressure or a ligature director.
- Using light finger pressure, press up and in to close the clip.

# Sensation™

## Active Self-Ligating Bracket Systems

For Sensation™ Ceramic and Metal  
Self-Ligating Bracket Systems



### Suggested Order, Duration, and Objective of Basic Archwire Sequence



#### Passive Phase Round Archwires

**.014", .016", or .018"**

**TruFlex™ Thermal Nickel Titanium Full Form**

.014" Upper Item #: 6001-014

.014" Lower Item #: 6001-114

.016" Upper Item #: 6001-016

.016" Lower Item #: 6001-116

.018" Upper Item #: 6001-018

.018" Lower Item #: 6001-118

*10 per pack*

- Begin Leveling and Alignment
- Correct Rotations
- Begin Archform Development



#### Transitional Phase Square Archwires

**.018" x .018"**

**TRIFECTA® Thermal Nickel Titanium Full Form**

.018" x .018" Upper Item #: 6003-047

.018" x .018" Lower Item #: 6003-147

- or -

**.020" x .020"**

**TRIFECTA® Thermal Nickel Titanium Full Form**

.020" x .020" Upper Item #: 6003-049

.020" x .020" Lower Item #: 6003-149

*10 per pack*

- Continue Arch Development
- Complete Leveling and Alignment
- Begin Torque Control
- Begin Archform Coordination



#### Active Phase Rectangular Archwires

**.018" x .025"**

**TruForce™ Stainless Steel Full Form**

.018" x .025" Upper Item #: 8000-112

.018" x .025" Lower Item #: 8000-212

- or -

**.019" x .025"**

**BetaForce™ Beta Titanium Full Form**

.019" x .025" Upper Item #: 6002-111

.019" x .025" Lower Item #: 6002-211

**TruForce™ Stainless Steel Full Form**

.019" x .025" Upper Item #: 8000-113

.019" x .025" Lower Item #: 8000-213

*10 per pack*

- Begin Posterior Consolidation Coordination of Archforms
- Complete Posterior Consolidation and Archform Coordination
- Complete Torque Expression

Above chart is suggested order, duration, and objective of basic archwire sequence and by no means a replacement for professional expertise.

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# Lotus | DS

PLUS®

Self-Ligating Bracket System

DUAL SYSTEM,  
UNLIMITED OPTIONS



**COMPARE TO:** In-Ovation® by GAC Dentsply  
Damon® by Ormco Empower® by American Orthodontics

HYBRID System Available

## An Advanced and Versatile SLB

Designed by an orthodontist, Lotus Plus DS is a self-ligating bracket system with major enhancements over its predecessors. It was created to address the many deficiencies of passive and interactive SLBs in the industry, while preserving a familiar twin-wing design so you can treat cases with more ease.

Featuring one-piece strength, high slot manufacturing tolerances, a unique planar clip design, and the lowest possible SLB profile, Lotus Plus DS stands as one of the most advanced and versatile SLBs on the market.

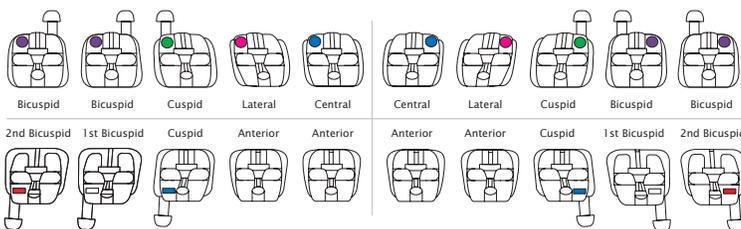
## Visible Results



"At the first visit the results were obvious, the basic leveling and aligning were well under way, without any patient discomfort."

**Dr. Enis Güray**  
Orthodontist

### Identification System



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## PASSIVE

**Familiar Mini-Twin  
"True Straight Wire" Design**  
With a deep v-channel and vertical scribe line for accurate placement

**Lowest Possible Profile**  
With rounded facial contours for maximum patient comfort and aesthetic appearance

**Smooth Tie-Wing Undercuts**  
For patient comfort and secure colored ligation if desired

**One-Piece Bracket**  
Made from 17-4 Stainless Steel

### Outstanding Patient Comfort - Low Profile



*In-Ovation® R (Left), Damon® Q (Center) vs. Lotus Plus DS (Right) Bracket Profile Height.*



**Superior Planar Thermal Nickel-Titanium Door**  
With flexible independent tabs, that extend the entire width of the bracket slot, for reduced friction, improved rotational control, and resistance to deformation

**Easy-Opening Non-Removable Clip**  
Opens using light force to prevent bracket bond failure and provide comfortable adjustments

## INTERACTIVE



## Easy Opening

### Comfortable Lever Action Easily Opens Clips



**SAVE TIME WITH Lotus Plus® DS Turn Key Instrument**

See page 24



**Explorer:** Simply insert the end of an explorer into the circular opening located just below the archwire slot and pull down towards the mandible to open the clip.



**Rotate Explorer 45°**

**For added patient comfort:** Instead of pulling down, rotate the Explorer in a downward 45° motion to gently ease the clip open.



**Ortho Assistants Love the Easy Opening Clip and Quick Wire Changes**

## Secure Closure

- Using a utility plier or tweezer,** place one open instrument tip on the top of the bracket and the other open tip at the bottom of the open clip.
- Gently apply pressure to the plier or tweezer,** and the clip will begin to move up. The clip will "click" when closed.

You can also close the clip by applying light finger pressure instead of using a tweezers or plier.



# Lotus Plus DS Self-Ligating Bondable Buccal Tubes

## An Advanced Buccal Tube

The innovative Lotus Plus DS Self-Ligating Buccal Tubes offer passive or interactive ligation and feature unique maxillary and mandibular designs with anatomical mesh pads for maximum bond strength and fit.

Brackets

**Low Profile Hook**  
For patient comfort

**Positioning Notch**  
To assist with placement and avoid interference

**Low Profile Design**  
To reduce occlusal interference and provide maximum patient comfort

**Mesh Pad with Defined Buccal Indent**  
For a precise contoured fit

**PASSIVE Upper Right**

**INTERACTIVE Lower Right**

**Mesially Extended Bonding Pad**  
For a secure fit

3.4 mm  
5.75 mm



- Self-Ligating Nickel Titanium Clip for easy wire placement
  - No need to re-tie previously converted tubes
  - Flexible clips help eliminate step bends
  - Contoured, mesially extended base for an accurate, precise fit
  - Positioning notches for quick alignment
- 1 pack (10 tubes)

**A COMPLETE SL SYSTEM WITH OUR Lotus Plus DS Self-Ligating Brackets**

See page 16

### Passive

	Quadrant	Torq.	Ang.	Offset	.022" Slot
<b>R</b>	Upper Right	-10°	0°	+8°	300-12-1020
	Upper Left	-10°	0°	+8°	300-12-2620
<b>R</b>	Lower Right	-25°	0°	+5°	300-12-3620
	Lower Left	-25°	0°	+5°	300-12-4620
<b>D</b>	Upper Right	-18°	0°	+12°	300-32-1020
	Upper Left	-18°	0°	+12°	300-32-2620
<b>D</b>	Lower Right	-28°	+2°	+2°	300-32-3620
	Lower Left	-28°	+2°	+2°	300-32-4620

**R** The Ortho Technology version of the Roth Rx\*

**D** The Ortho Technology version of the Damon Rx\*

### Interactive

	Quadrant	Torq.	Ang.	Offset	.022" Slot
<b>R</b>	Upper Right	-10°	0°	+8°	301-12-1020
	Upper Left	-10°	0°	+8°	301-12-2620
<b>R</b>	Lower Right	-25°	0°	+5°	301-12-3620
	Lower Left	-25°	0°	+5°	301-12-4620
<b>D</b>	Upper Right	-18°	0°	+12°	301-32-1020
	Upper Left	-18°	0°	+12°	301-32-2620
<b>D</b>	Lower Right	-28°	+2°	+2°	301-32-3620
	Lower Left	-28°	+2°	+2°	301-32-4620

\*The Ortho Technology versions of the Roth and Damon prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.





# Discover How Lotus Plus DS Can Transform Your Practice



## Thermal Nickel-Titanium Door/Clip

### Unique Planar Design

Lotus Plus DS Features a Thermal Nickel Titanium door that runs the entire width of the bracket slot, and has separate tabs for improved rotational control.

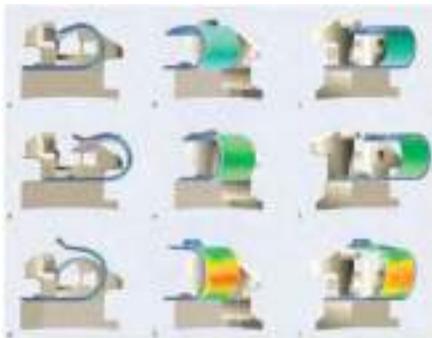


Lotus Plus DS door

Vs.

### Traditional C Clip Design

- Prone to Deformation
- Made from Chromium Cobalt

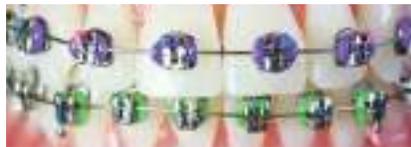


Color change from green to red indicates where C clip will stress during treatment

## Elastomerics

### Patients Can Wear Their Favorite Colors!

Lotus Plus DS shown with elastomeric ligation. (If desired)



## Micro-Etched Base

**Lotus Plus DS has Mushroom Shaped Pylons** For 40% Higher Bond Strength than Standard 80 Gauge Mesh Bases

**Compound Contoured Tooth-Specific Bases** Provide Accurate Fit



Lotus Plus DS

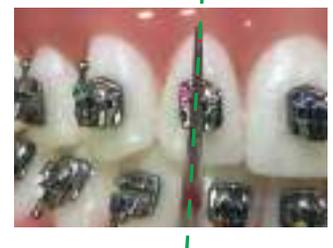


Damon® Q

## Easy Bracket Placement

### Familiar Twin Wing Design

Lotus Plus DS aligned along the vertical axis using a flat tipped hand instrument.



## Online Resources

### Opening videos & More

[www.LotusPlusDS.com](http://www.LotusPlusDS.com)

Damon is a registered trademark of Ormco Corporation. The Ortho Technology version of the Damon Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.



# Clinical Benefits - Case Study



**14 MONTHS**

**4 SETS OF ARCHWIRES**

**6 APPOINTMENTS**

Brackets

## Lotus Plus DS Typodonts



**Lotus|DS**  
PLUS<sup>®</sup>  
Self-Ligating Bracket System

- Lotus Plus<sup>®</sup> DS Self-Ligating Typodonts**
- Passive** ..... G50-630
  - Interactive** ..... G50-640
  - Hybrid** ..... G50-650

# BRACKET SYSTEMS

## Lotus<sup>®</sup> DS PLUS<sup>®</sup> Self-Ligating Bracket System



**PASSIVE**

**COMPARE TO:**  
Damon<sup>®</sup> by Ormco

### Lotus Plus<sup>®</sup> DS Passive

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+12°	+5°	.114"	R	LPPR18-001	LPPR22-001
				L	LPPR18-002	LPPR22-002
2 2 Lateral	+8°	+9°	.106"	R	LPPR18-011	LPPR22-011
				L	LPPR18-012	LPPR22-012
3 3 Cuspid w/hook & offset	0°	+11°	.118"	R	LPPR18-021	LPPR22-021
				L	LPPR18-022	LPPR22-022
3 3 Cuspid with offset	0°	+11°	.118"	R	LPPR18-023	LPPR22-023
				L	LPPR18-024	LPPR22-024
4 5 4 5 Bicuspid w/hook & offset	-7°	0°	.118"	R	LPPR18-031	LPPR22-031
				L	LPPR18-032	LPPR22-032
4 5 4 5 Bicuspid with offset	-7°	0°	.118"	R	LPPR18-033	LPPR22-033
				L	LPPR18-034	LPPR22-034

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

### Lotus Plus<sup>®</sup> DS Passive

Ortho Technology's version of the McLaughlin, Bennett, & Trevisi Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+17°	+4°	.114"	R	LPPM18-001	LPPM22-001
				L	LPPM18-002	LPPM22-002
2 2 Lateral	+10°	+8°	.106"	R	LPPM18-011	LPPM22-011
				L	LPPM18-012	LPPM22-012
3 3 Cuspid w/hook & offset	-7°	+8°	.118"	R	LPPM18-021	LPPM22-021
				L	LPPM18-022	LPPM22-022
3 3 Cuspid with offset	-7°	+8°	.118"	R	LPPM18-023	LPPM22-023
				L	LPPM18-024	LPPM22-024
4 5 4 5 Bicuspid w/hook & offset	-7°	0°	.118"	R	LPPM18-031	LPPM22-031
				L	LPPM18-032	LPPM22-032
4 5 4 5 Bicuspid with offset	-7°	0°	.118"	R	LPPM18-033	LPPM22-033
				L	LPPM18-034	LPPM22-034

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\*The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.



**WORKS WITH OUR**  
**LOTUS PLUS DS**  
**SELF-LIGATING**  
**BUCCAL TUBES**



See page 17B

**Single Patient Kit Description**  
**Upper/Lower 5x5**  
1 kit (20 brackets)

**Individual Brackets**  
1 pack (10 brackets)

Patient Kits Description	Item Numbers	
	.018" Slot	.022" Slot
Upper/Lower 5x5 No Hooks	LPPR18-1000	LPPR22-1000
Upper/Lower 5x5 Hooks on Cuspids	LPPR18-1300	LPPR22-1300
Upper/Lower 5x5 Hooks 3, 4, & 5	LPPR18-1345	LPPR22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.106"	L	LPPR18-040	LPPR22-040
3 3 Cuspid w/hook & offset	-11°	+5°	.114"	R	LPPR18-051	LPPR22-051
				L	LPPR18-052	LPPR22-052
3 3 Cuspid with offset	-11°	+5°	.114"	R	LPPR18-053	LPPR22-053
				L	LPPR18-054	LPPR22-054
4 4 1 <sup>st</sup> Bicuspid w/hook & offset	-17°	0°	.118"	R	LPPR18-061	LPPR22-061
				L	LPPR18-062	LPPR22-062
4 4 1 <sup>st</sup> Bicuspid with offset	-17°	0°	.118"	R	LPPR18-063	LPPR22-063
				L	LPPR18-064	LPPR22-064
5 5 2 <sup>nd</sup> Bicuspid w/hook & offset	-22°	0°	.118"	R	LPPR18-071	LPPR22-071
				L	LPPR18-072	LPPR22-072
5 5 2 <sup>nd</sup> Bicuspid with offset	-22°	0°	.118"	R	LPPR18-073	LPPR22-073
				L	LPPR18-074	LPPR22-074

Patient Kits Description	Item Numbers	
	.018" Slot	.022" Slot
Upper/Lower 5x5 No Hooks	LPPM18-1000	LPPM22-1000
Upper/Lower 5x5 Hooks on Cuspids	LPPM18-1300	LPPM22-1300
Upper/Lower 5x5 Hooks 3, 4, & 5	LPPM18-1345	LPPM22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.106"	L	LPPM18-040	LPPM22-040
3 3 Cuspid w/hook & offset	-6°	+3°	.114"	R	LPPM18-051	LPPM22-051
				L	LPPM18-052	LPPM22-052
3 3 Cuspid with offset	-6°	+3°	.114"	R	LPPM18-053	LPPM22-053
				L	LPPM18-054	LPPM22-054
4 4 1 <sup>st</sup> Bicuspid w/hook & offset	-12°	+2°	.118"	R	LPPM18-061	LPPM22-061
				L	LPPM18-062	LPPM22-062
4 4 1 <sup>st</sup> Bicuspid with offset	-12°	+2°	.118"	R	LPPM18-063	LPPM22-063
				L	LPPM18-064	LPPM22-064
5 5 2 <sup>nd</sup> Bicuspid w/hook & offset	-17°	+2°	.118"	R	LPPM18-071	LPPM22-071
				L	LPPM18-072	LPPM22-072
5 5 2 <sup>nd</sup> Bicuspid with offset	-17°	+2°	.118"	R	LPPM18-073	LPPM22-073
				L	LPPM18-074	LPPM22-074

## Lotus Plus® DS Passive

Ortho Technology's version of the Damon® Standard Torque Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+15°	+5°	.114"	R	LPPD22-001
				L	LPPD22-002
2 2 Lateral	+6°	+9°	.106"	R	LPPD22-011
				L	LPPD22-012
3 3 Cuspid w/hook & offset	+7°	+5°	.118"	R	LPPD22-021
				L	LPPD22-022
3 3 Cuspid with offset	+7°	+5°	.118"	R	LPPD22-023
				L	LPPD22-024
4/5 4/5 Bicuspid w/hook & offset	-11°	+2°	.118"	R	LPPD22-031
				L	LPPD22-032
4/5 4/5 Bicuspid with offset	-11°	+2°	.118"	R	LPPD22-033
				L	LPPD22-034

## Lotus Plus® DS Passive

Ortho Technology's version of the Damon® Low Torque Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+2°	+5°	.114"	R	LPPDL22-001
				L	LPPDL22-002
2 2 Lateral	-5°	+9°	.106"	R	LPPDL22-011
				L	LPPDL22-012
3 3 Cuspid w/hook & offset	-9°	+5°	.118"	R	LPPDL22-021
				L	LPPDL22-022
3 3 Cuspid with offset	-9°	+5°	.118"	R	LPPDL22-023
				L	LPPDL22-024
4/5 4/5 Bicuspid w/hook & offset	-11°	+2°	.118"	R	LPPDL22-031
				L	LPPDL22-032
4/5 4/5 Bicuspid with offset	-11°	+2°	.118"	R	LPPDL22-033
				L	LPPDL22-034

## Lotus Plus® DS Passive

Ortho Technology's version of the Damon® Super Torque Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+22°	+5°	.114"	R	LPPDS22-001
				L	LPPDS22-002
2 2 Lateral	+13°	+9°	.106"	R	LPPDS22-011
				L	LPPDS22-012
3 3 Cuspid w/hook & offset	+11°	+5°	.118"	R	LPPDS22-021
				L	LPPDS22-022
3 3 Cuspid with offset	+11°	+5°	.118"	R	LPPDS22-023
				L	LPPDS22-024
4/5 4/5 Bicuspid w/hook & offset	-11°	+2°	.118"	R	LPPDS22-031
				L	LPPDS22-032
4/5 4/5 Bicuspid with offset	-11°	+2°	.118"	R	LPPDS22-033
				L	LPPDS22-034

### Patient Kits

Upper/Lower 5x5 No Hooks  
Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks on 3, 4, & 5

### Item Numbers

LPPD22-1000  
LPPD22-1300  
LPPD22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	-3°	+2°	.106"	R	LPPD22-041
				L	LPPD22-042
2 2 Lateral	-3°	+4°	.106"	R	LPPD22-043
				L	LPPD22-044
3 3 Cuspid w/hook & offset	+7°	+5°	.114"	R	LPPD22-051
				L	LPPD22-052
3 3 Cuspid with offset	+7°	+5°	.114"	R	LPPD22-053
				L	LPPD22-054
4 4 1 <sup>st</sup> Bicuspid w/hook & offset	-12°	+4°	.118"	R	LPPD22-061
				L	LPPD22-062
4 4 1 <sup>st</sup> Bicuspid with offset	-12°	+4°	.118"	R	LPPD22-063
				L	LPPD22-064
5 5 2 <sup>nd</sup> Bicuspid w/hook & offset	-17°	+4°	.118"	R	LPPD22-071
				L	LPPD22-072
5 5 2 <sup>nd</sup> Bicuspid with offset	-17°	+4°	.118"	R	LPPD22-073
				L	LPPD22-074

### Patient Kits

Upper/Lower 5x5 No Hooks  
Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks on 3, 4, & 5

### Item Numbers

LPPDL22-1000  
LPPDL22-1300  
LPPDL22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	-11°	+2°	.106"	R	LPPDL22-041
				L	LPPDL22-042
2 2 Lateral	-11°	+4°	.106"	R	LPPDL22-043
				L	LPPDL22-044
3 3 Cuspid w/hook & offset	0°	+5°	.114"	R	LPPDL22-051
				L	LPPDL22-052
3 3 Cuspid with offset	0°	+5°	.114"	R	LPPDL22-053
				L	LPPDL22-054
4 4 1 <sup>st</sup> Bicuspid w/hook & offset	-12°	+4°	.118"	R	LPPDL22-061
				L	LPPDL22-062
4 4 1 <sup>st</sup> Bicuspid with offset	-12°	+4°	.118"	R	LPPDL22-063
				L	LPPDL22-064
5 5 2 <sup>nd</sup> Bicuspid w/hook & offset	-17°	+4°	.118"	R	LPPDL22-071
				L	LPPDL22-072
5 5 2 <sup>nd</sup> Bicuspid with offset	-17°	+4°	.118"	R	LPPDL22-073
				L	LPPDL22-074

### Patient Kits

Upper/Lower 5x5 No Hooks  
Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks on 3, 4, & 5

### Item Numbers

LPPDS22-1000  
LPPDS22-1300  
LPPDS22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	-3°	+2°	.106"	R	LPPDS22-041
				L	LPPDS22-042
2 2 Lateral	-3°	+4°	.106"	R	LPPDS22-043
				L	LPPDS22-044
3 3 Cuspid w/hook & offset	+13°	+5°	.114"	R	LPPDS22-051
				L	LPPDS22-052
3 3 Cuspid with offset	+13°	+5°	.114"	R	LPPDS22-053
				L	LPPDS22-054
4 4 1 <sup>st</sup> Bicuspid w/hook & offset	-5°	+5°	.118"	R	LPPDS22-061
				L	LPPDS22-062
4 4 1 <sup>st</sup> Bicuspid with offset	-5°	+5°	.118"	R	LPPDS22-063
				L	LPPDS22-064
5 5 2 <sup>nd</sup> Bicuspid w/hook & offset	-17°	+4°	.118"	R	LPPDS22-071
				L	LPPDS22-072
5 5 2 <sup>nd</sup> Bicuspid with offset	-17°	+4°	.118"	R	LPPDS22-073
				L	LPPDS22-074

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\*The Ortho Technology version of the Damon Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors. Damon is a registered trademark of Ormco Corporation.

## Lotus<sup>®</sup> DS PLUS<sup>®</sup> Self-Ligating Bracket System



**INTERACTIVE**

### COMPARE TO:

In-Ovation<sup>®</sup> by GAC Dentsply  
Empower<sup>®</sup> by American Orthodontics

## Lotus Plus<sup>®</sup> DS Interactive

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+12°	+5°	.114"	R	LPAR18-001	LPAR22-001
				L	LPAR18-002	LPAR22-002
2 2 Lateral	+8°	+9°	.106"	R	LPAR18-011	LPAR22-011
				L	LPAR18-012	LPAR22-012
3 3 Cuspid w/hook & offset	0°	+11°	.118"	R	LPAR18-021	LPAR22-021
				L	LPAR18-022	LPAR22-022
3 3 Cuspid with offset	0°	+11°	.118"	R	LPAR18-023	LPAR22-023
				L	LPAR18-024	LPAR22-024
4 5 4 5 Bicuspid w/hook & offset	-7°	0°	.118"	R	LPAR18-031	LPAR22-031
				L	LPAR18-032	LPAR22-032
4 5 4 5 Bicuspid with offset	-7°	0°	.118"	R	LPAR18-033	LPAR22-033
				L	LPAR18-034	LPAR22-034

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.



**WORKS WITH OUR LOTUS PLUS DS SELF-LIGATING BUCCAL TUBES**



See page 00

**Single Patient Kit Description**  
**Upper/Lower 5x5**  
1 kit (20 brackets)

**Individual Brackets**  
1 pack (10 brackets)

Patient Kits Description	.018" Slot	.022" Slot
Upper/Lower 5x5 No Hooks	LPAR18-1000	LPAR22-1000
Upper/Lower 5x5 Hooks on Cuspids	LPAR18-1300	LPAR22-1300
Upper/Lower 5x5 Hooks 3, 4, & 5	LPAR18-1345	LPAR22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.106"	L	LPAR18-040	LPAR22-040
3 3 Cuspid w/hook & offset	-11°	+5°	.114"	R	LPAR18-051	LPAR22-051
				L	LPAR18-052	LPAR22-052
3 3 Cuspid with offset	-11°	+5°	.114"	R	LPAR18-053	LPAR22-053
				L	LPAR18-054	LPAR22-054
4 4 1 <sup>st</sup> Bicuspid w/hook & offset	-17°	0°	.118"	R	LPAR18-061	LPAR22-061
				L	LPAR18-062	LPAR22-062
4 4 1 <sup>st</sup> Bicuspid with offset	-17°	0°	.118"	R	LPAR18-063	LPAR22-063
				L	LPAR18-064	LPAR22-064
5 5 2 <sup>nd</sup> Bicuspid w/hook & offset	-22°	0°	.118"	R	LPAR18-071	LPAR22-071
				L	LPAR18-072	LPAR22-072
5 5 2 <sup>nd</sup> Bicuspid with offset	-22°	0°	.118"	R	LPAR18-073	LPAR22-073
				L	LPAR18-074	LPAR22-074

## Lotus Plus<sup>®</sup> DS Interactive

Ortho Technology's version of the *McLaughlin, Bennett, & Trevisi Prescription\**

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+17°	+4°	.114"	R	LPAM18-001	LPAM22-001
				L	LPAM18-002	LPAM22-002
2 2 Lateral	+10°	+8°	.106"	R	LPAM18-011	LPAM22-011
				L	LPAM18-012	LPAM22-012
3 3 Cuspid w/hook & offset	-7°	+8°	.118"	R	LPAM18-021	LPAM22-021
				L	LPAM18-022	LPAM22-022
3 3 Cuspid with offset	-7°	+8°	.118"	R	LPAM18-023	LPAM22-023
				L	LPAM18-024	LPAM22-024
4 5 4 5 Bicuspid w/hook & offset	-7°	0°	.118"	R	LPAM18-031	LPAM22-031
				L	LPAM18-032	LPAM22-032
4 5 4 5 Bicuspid with offset	-7°	0°	.118"	R	LPAM18-033	LPAM22-033
				L	LPAM18-034	LPAM22-034

Patient Kits Description	.018" Slot	.022" Slot
Upper/Lower 5x5 No Hooks	LPAM18-1000	LPAM22-1000
Upper/Lower 5x5 Hooks on Cuspids	LPAM18-1300	LPAM22-1300
Upper/Lower 5x5 Hooks 3, 4, & 5	LPAM18-1345	LPAM22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.106"	L	LPAM18-040	LPAM22-040
3 3 Cuspid w/hook & offset	-6°	+3°	.114"	R	LPAM18-051	LPAM22-051
				L	LPAM18-052	LPAM22-052
3 3 Cuspid with offset	-6°	+3°	.114"	R	LPAM18-053	LPAM22-053
				L	LPAM18-054	LPAM22-054
4 4 1 <sup>st</sup> Bicuspid w/hook & offset	-12°	+2°	.118"	R	LPAM18-061	LPAM22-061
				L	LPAM18-062	LPAM22-062
4 4 1 <sup>st</sup> Bicuspid with offset	-12°	+2°	.118"	R	LPAM18-063	LPAM22-063
				L	LPAM18-064	LPAM22-064
5 5 2 <sup>nd</sup> Bicuspid w/hook & offset	-17°	+2°	.118"	R	LPAM18-071	LPAM22-071
				L	LPAM18-072	LPAM22-072
5 5 2 <sup>nd</sup> Bicuspid with offset	-17°	+2°	.118"	R	LPAM18-073	LPAM22-073
				L	LPAM18-074	LPAM22-074

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\*The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

## Lotus Plus® DS Interactive

Ortho Technology's version of the Damon® Standard Torque Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+15°	+5°	.114"	R	LPAD22-001
				L	LPAD22-002
2 2 Lateral	+6°	+9°	.106"	R	LPAD22-011
				L	LPAD22-012
3 3 Cuspid w/hook & offset	+7°	+5°	.118"	R	LPAD22-021
				L	LPAD22-022
3 3 Cuspid with offset	+7°	+5°	.118"	R	LPAD22-023
				L	LPAD22-024
4/5 4/5 Bicuspид w/hook & offset	-11°	+2°	.118"	R	LPAD22-031
				L	LPAD22-032
4/5 4/5 Bicuspид with offset	-11°	+2°	.118"	R	LPAD22-033
				L	LPAD22-034

## Lotus Plus® DS Interactive

Ortho Technology's version of the Damon® Low Torque Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+2°	+5°	.114"	R	LPADL22-001
				L	LPADL22-002
2 2 Lateral	-5°	+9°	.106"	R	LPADL22-011
				L	LPADL22-012
3 3 Cuspid w/hook & offset	-9°	+5°	.118"	R	LPADL22-021
				L	LPADL22-022
3 3 Cuspid with offset	-9°	+5°	.118"	R	LPADL22-023
				L	LPADL22-024
4/5 4/5 Bicuspид w/hook & offset	-11°	+2°	.118"	R	LPADL22-031
				L	LPADL22-032
4/5 4/5 Bicuspид with offset	-11°	+2°	.118"	R	LPADL22-033
				L	LPADL22-034

## Lotus Plus® DS Interactive

Ortho Technology's version of the Damon® Super Torque Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+22°	+5°	.114"	R	LPADS22-001
				L	LPADS22-002
2 2 Lateral	+13°	+9°	.106"	R	LPADS22-011
				L	LPADS22-012
3 3 Cuspid w/hook & offset	+11°	+5°	.118"	R	LPADS22-021
				L	LPADS22-022
3 3 Cuspid with offset	+11°	+5°	.118"	R	LPADS22-023
				L	LPADS22-024
4/5 4/5 Bicuspид w/hook & offset	-11°	+2°	.118"	R	LPADS22-031
				L	LPADS22-032
4/5 4/5 Bicuspид with offset	-11°	+2°	.118"	R	LPADS22-033
				L	LPADS22-034

### Patient Kits

Upper/Lower 5x5 No Hooks LPAD22-1000  
 Upper/Lower 5x5 Hooks on Cuspids LPAD22-1300  
 Upper/Lower 5x5 Hooks on 3, 4, & 5 LPAD22-1345

### Item Numbers

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	-3°	+2°	.106"	R	LPAD22-041
				L	LPAD22-042
2 2 Lateral	-3°	+4°	.106"	R	LPAD22-043
				L	LPAD22-044
3 3 Cuspid w/hook & offset	+7°	+5°	.114"	R	LPAD22-051
				L	LPAD22-052
3 3 Cuspid with offset	+7°	+5°	.114"	R	LPAD22-053
				L	LPAD22-054
4 4 1st Bicuspид w/hook & offset	-12°	+4°	.118"	R	LPAD22-061
				L	LPAD22-062
4 4 1st Bicuspид with offset	-12°	+4°	.118"	R	LPAD22-063
				L	LPAD22-064
5 5 2nd Bicuspид w/hook & offset	-17°	+4°	.118"	R	LPAD22-071
				L	LPAD22-072
5 5 2nd Bicuspид with offset	-17°	+4°	.118"	R	LPAD22-073
				L	LPAD22-074

### Patient Kits

Upper/Lower 5x5 No Hooks LPADL22-1000  
 Upper/Lower 5x5 Hooks on Cuspids LPADL22-1300  
 Upper/Lower 5x5 Hooks on 3, 4, & 5 LPADL22-1345

### Item Numbers

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	-11°	+2°	.106"	R	LPADL22-041
				L	LPADL22-042
2 2 Lateral	-11°	+4°	.106"	R	LPADL22-043
				L	LPADL22-044
3 3 Cuspid w/hook & offset	0°	+5°	.114"	R	LPADL22-051
				L	LPADL22-052
3 3 Cuspid with offset	0°	+5°	.114"	R	LPADL22-053
				L	LPADL22-054
4 4 1st Bicuspид w/hook & offset	-12°	+4°	.118"	R	LPADL22-061
				L	LPADL22-062
4 4 1st Bicuspид with offset	-12°	+4°	.118"	R	LPADL22-063
				L	LPADL22-064
5 5 2nd Bicuspид w/hook & offset	-17°	+4°	.118"	R	LPADL22-071
				L	LPADL22-072
5 5 2nd Bicuspид with offset	-17°	+4°	.118"	R	LPADL22-073
				L	LPADL22-074

### Patient Kits

Upper/Lower 5x5 No Hooks LPADS22-1000  
 Upper/Lower 5x5 Hooks on Cuspids LPADS22-1300  
 Upper/Lower 5x5 Hooks on 3, 4, & 5 LPADS22-1345

### Item Numbers

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	-3°	+2°	.106"	R	LPADS22-041
				L	LPADS22-042
2 2 Lateral	-3°	+4°	.106"	R	LPADS22-043
				L	LPADS22-044
3 3 Cuspid w/hook & offset	+13°	+5°	.114"	R	LPADS22-051
				L	LPADS22-052
3 3 Cuspid with offset	+13°	+5°	.114"	R	LPADS22-053
				L	LPADS22-054
4 4 1st Bicuspид w/hook & offset	-5°	+5°	.118"	R	LPADS22-061
				L	LPADS22-062
4 4 1st Bicuspид with offset	-5°	+5°	.118"	R	LPADS22-063
				L	LPADS22-064
5 5 2nd Bicuspид w/hook & offset	-17°	+4°	.118"	R	LPADS22-071
				L	LPADS22-072
5 5 2nd Bicuspид with offset	-17°	+4°	.118"	R	LPADS22-073
				L	LPADS22-074

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 \*The Ortho Technology version of the Damon Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors. Damon is a registered trademark of Ormco Corporation.



## Lotus<sup>®</sup> PLUS<sup>®</sup> DS Self-Ligating Bracket System



**HYBRID**

### Lotus Plus<sup>®</sup> DS Hybrid

Ortho Technology's version of the Roth Prescription\*

**Patient Kits Description**

Upper/Lower 5x5 A-2x2 Hooks on Cuspids<sup>†</sup>  
Upper/Lower 5x5 A-2x2 Hooks 3, 4, & 5<sup>†</sup>  
Upper/Lower 5x5 A-3x3 Hooks 3, 4, & 5<sup>††</sup>

**Item Numbers .022" Slot**

LPHR22-2-1300  
LPHR22-2-1345  
LPHR22-3-1345

**Patient Kit - Bi-Dimensional**

Upper/Lower 5x5

Interactive .018" 2x2, Passive .022" Hooks 3, 4, & 5<sup>†</sup>

**Item Numbers**

LPHRBD-1345

<sup>†</sup> Interactive Brackets on 1s & 2s, Passive Brackets on 3s, 4s, 5s  
<sup>††</sup> Interactive Brackets on 1s, 2s & 3s, Passive Brackets on 4s & 5s

### Lotus Plus<sup>®</sup> DS Hybrid

Ortho Technology's version of the Damon<sup>®</sup> Standard Prescription\*

**Patient Kits Description**

Upper/Lower 5x5 A-2x2 Hooks on Cuspids<sup>†</sup>  
Upper/Lower 5x5 A-2x2 Hooks 3, 4, & 5<sup>†</sup>  
Upper/Lower 5x5 A-3x3 Hooks 3, 4, & 5<sup>††</sup>

**Item Numbers .022" Slot**

LPHD22-2-1300  
LPHD22-2-1345  
LPHD22-3-1345

<sup>†</sup> Interactive Brackets on 1s & 2s, Passive Brackets on 3s, 4s, 5s  
<sup>††</sup> Interactive Brackets on 1s, 2s & 3s, Passive Brackets on 4s & 5s

**Single Patient Kit Description**

**Upper/Lower 5x5**  
1 kit (20 brackets)

**Individual Brackets**

1 pack (10 brackets)

### Lotus Plus<sup>®</sup> DS Hybrid

Ortho Technology's version of the McLaughlin, Bennett, & Trevisi Prescription\*

**Patient Kits Description**

Upper/Lower 5x5 A-2x2 Hooks 3, 4, & 5<sup>†</sup>  
Upper/Lower 5x5 A-3x3 Hooks 3, 4, & 5<sup>††</sup>

**Item Numbers .022" Slot**

LPHM22-2-1345  
LPHM22-3-1345

**Patient Kit - Bi-Dimensional**

Upper/Lower 5x5

Interactive .018" 2x2, Passive .022" Hooks 3, 4, & 5<sup>†</sup>

**Item Numbers**

LPHMBD-1345

<sup>†</sup> Interactive Brackets on 1s & 2s, Passive Brackets on 3s, 4s, 5s  
<sup>††</sup> Interactive Brackets on 1s, 2s & 3s, Passive Brackets on 4s & 5s

#### ALSO AVAILABLE

**Individual Brackets**

10 brackets per pack

See Passive and Interactive Versions of Lotus Plus DS

\*The Ortho Technology versions of the Roth, Damon, and McLaughlin, Bennett, & Trevisi Rx's are not implied to be exact versions of any other system, nor do we claim any endorsement of the respective doctors.

Damon is a registered trademark of Ormco Corporation.

**Lotus Plus DS Turn Key Instrument**

Opening Method



**Comfortable Lever Action Easily Opens Clips**



**Lotus Plus DS Turn Key Instrument**

Item #: OT-2108

Autoclavable up to 250°F/121°C

1 per pack

# Lotus Plus® DS

## Passive Self-Ligating Bracket System

### Suggested Order, Duration, and Objective of Basic Archwire Sequence

Phase I Round Archwires	Duration	Objective
.013" or .014" TruFlex™ Thermal Nickel Titanium Universal Form .013" Item #: 2001-101 .014" Item #: 2001-102 10 per pack	10 Weeks	Cases with severe crowding
.018" TruFlex™ Thermal Nickel Titanium Universal Form Item #: 2001-104 10 per pack	10 Weeks	Level and align Begin arch development Solve 90% of rotations
Phase II Rectangular Archwires		
.014" x .025" TruFlex™ Thermal Nickel Titanium Universal Form Item #: 2001-114 10 per pack	10-20 Weeks	Complete leveling and alignment Resolve remaining rotations Start control of torque Consolidation of the anterior spaces Continue arch development without expanders or quad-helix
.018" x .025" TruFlex™ Thermal Nickel Titanium Universal Form Item #: 2001-118 10 per pack	4-6 Weeks	Fine tune torque control Continued development of the arch
Phase III Mechanics at Work		
.019" x .025" TruForce™ Stainless Steel Universal Form Item #: 2003-119 10 per pack	20-30 Weeks	Finish torque control Consolidation of posterior spaces Adjustments to buccal, lingual, anterior, and posterior Coordination of the arch form
Phase IV Finishing		
.019" x .025" TruForce™ Stainless Steel Universal Form Item #: 2003-119 10 per pack - or - .019" x .025" BetaForce™ Beta Titanium Universal Form Item #: 2002-119 10 per pack	10 Weeks	Specific detailing of patient arch form

Above chart is suggested order, duration, and objective of basic archwire sequence and by no means a replacement for professional expertise.  
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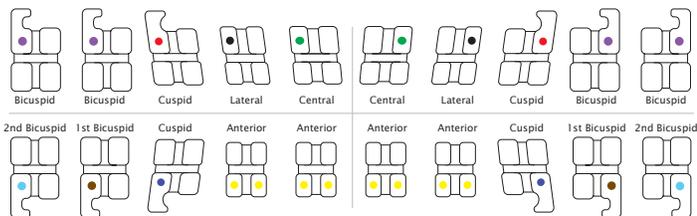
## PURE<sup>®</sup> Sapphire Bracket System

The Ultimate in  
Crystal Clear Aesthetics™

**COMPARE TO:**  
Inspire ICE™ by Ormco

- Smooth, Strong and Contoured Tie-Wings**  
For added patient comfort
- Archwire Slot Design**  
Diamond and heat polished for superior sliding mechanics
- Highest Quality Material**  
Made from high quality monocrystalline sapphire
- Unique Bonding Base**  
Aluminum oxide spheres provide superior shear bond strength and predictable debonding
- Ultra-Smooth, Strong Hooks**  
For added patient comfort and secure engagement of elastics
- Removable Color Coded ID Dot**  
For easy bracket selection
- Ample Tie-Wing Area**  
For easy bracket ligation
- Contour Base**  
Provides simplified and accurate bracket placement

### Identification System



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## PURE® Patient Aesthetics



The macro photograph shows the clarity of the flawless PURE brackets. Made from pure monocrystalline sapphire for a bracket system with the highest transparency available for outstanding aesthetics. Nearly invisible against any tooth shade and stays crystal clear without staining.

## PURE® Contoured Base



The anatomically contoured bracket base allows for quick and easy bracket placement. The customized tooth specific design fits the tooth curvatures perfectly to increase bond strength and make bonding appointments a breeze.

## PURE® Patient Comfort



Each PURE bracket has been diamond and heat polished to produce rounded, smooth corners for uncompromised patient comfort. The small bracket size and low profile design also provide a desirable bracket both clinicians and patients will appreciate. The PURE brackets are also functional, the tie-wings are easy to ligate, exceptionally strong and highly fracture resistant.

## PURE® Predictable Debonding



Remove all ligatures and wires. Remove flash from around the brackets with a high speed debonding bur.



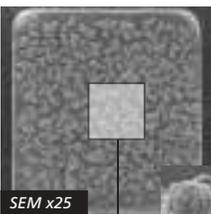
Instruct the patient to bite down onto a cotton roll in the area brackets are being removed. Grasp the bracket with a straight or angled debonding plier at the bracket-adhesive interface. The bracket can be held along the occlusal-gingival or the mesial-distal edge. Gently squeeze the plier and gradually increase pressure until the bracket comes free from the tooth. **Do not twist or pull the bracket.**



The bracket is designed to release at the bracket-adhesive interface and will leave a layer of adhesive on the enamel for safety. This means that most of the adhesive will remain on the tooth after debonding.

Remove remaining adhesive with a high speed debonding bur or an adhesive removing plier. After bulk adhesive is removed follow up with a high or low speed enamel polishing bur.

## PURE® Bond Strength



SEM photographs show the unique Double Fusing Method™ (DFM). The PURE bonding base is coated with aluminum oxide spheres, increasing the bonding surface area, which allows for secure retention during the length of treatment and provides for predictable debonding at the end of treatment.



# BRACKET SYSTEMS



Brackets



## PURE®

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+11°	+5°	.126"	R	S18001	S22101
				L	S18002	S22102
2 2 Lateral	+8°	+9°	.116"	R	S18011	S22111
				L	S18012	S22112
3 3 Cuspid with hook	+2°	+8°	.126"	R	S18021	S22121
				L	S18022	S22122
4/5 4/5 Bicuspid	-7°	0°	.126"	U	S18030	S22130
4/5 4/5 Bicuspid with hook	-7°	0°	.126"	R	S18031	S22131
				L	S18032	S22132

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

## PURE®

Ortho Technology's version of the McLaughlin, Bennett, & Trevisi Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+17°	+4°	.126"	R	S22801
				L	S22802
2 2 Lateral	+10°	+8°	.116"	R	S22811
				L	S22812
3 3 Cuspid with hook	0°	+8°	.126"	R	S22821
				L	S22822
4/5 4/5 Bicuspid	-7°	0°	.126"	U	S22833
4/5 4/5 Bicuspid with hook	-7°	0°	.126"	R	S22831
				L	S22832

\*The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

### Single Patient Kit Description

#### Upper/Lower 3x3

1 kit (12 brackets)

#### Upper/Lower 5x5

1 kit (20 brackets)

#### Upper 5-5

1 kit (10 brackets)

#### Individual Brackets

1 pack (10 brackets)

### Patient Kits Description

	Item Numbers	.018" Slot	.022" Slot
Upper/Lower 3x3 No Hooks	S18100	S22100	
Upper/Lower 3x3 Hooks on Cuspids	S18300	S22300	
Upper/Lower 5x5 No Hooks	S18310	S22310	
Upper/Lower 5x5 Hooks on Cuspids	S18330	S22330	
Upper/Lower 5x5 Hooks 3, 4, & 5	S18340	S22340	
Upper 5-5 No Hooks	S18320	S22320	
Upper 5-5 Hooks on Cuspids	S18360	S22360	
Upper 5-5 Hooks 3, 4, & 5	S18370	S22370	

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.112"	U	S18041	S22141
3 3 Cuspid with hook	-11°	+7°	.126"	R	S18051	S22151
				L	S18052	S22152
4 4 1 <sup>st</sup> Bicuspid	-17°	0°	.126"	U	S18060	S22160
4 4 1 <sup>st</sup> Bicuspid with hook	-17°	0°	.126"	R	S18061	S22161
				L	S18062	S22162
5 5 2 <sup>nd</sup> Bicuspid	-21°	0°	.126"	U	S18070	S22170
5 5 2 <sup>nd</sup> Bicuspid with hook	-21°	0°	.126"	R	S18071	S22171
				L	S18072	S22172

### Patient Kits Description

	Item Numbers	.022" Slot
Upper/Lower 3x3 No Hooks	S22810	
Upper/Lower 3x3 Hooks on Cuspids	S22800	
Upper/Lower 5x5 No Hooks	S22820	
Upper/Lower 5x5 Hooks on Cuspids	S22830	
Upper/Lower 5x5 Hooks 3, 4, & 5	S22840	
Upper 5-5 No Hooks	S22850	
Upper 5-5 Hooks on Cuspids	S22860	
Upper 5-5 Hooks 3, 4, & 5	S22870	

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.112"	U	S22841
3 3 Cuspid with hook	0°	+3°	.126"	R	S22851
				L	S22852
4 4 1 <sup>st</sup> Bicuspid	-12°	+2°	.126"	R	S22863
				L	S22864
4 4 1 <sup>st</sup> Bicuspid with hook	-12°	+2°	.126"	R	S22861
				L	S22862
5 5 2 <sup>nd</sup> Bicuspid	-17°	+2°	.126"	R	S22873
				L	S22874
5 5 2 <sup>nd</sup> Bicuspid with hook	-17°	+2°	.126"	R	S22871
				L	S22872

# Marketing Tools to *GROW Your Practice!*



Brackets



**PURE Patient Consultation Center**  
with 25 Full Color Brochures  
Item #: S200

*Stand design may vary.*



**PURE Wall Poster**  
**18" x 24" Full Color**  
Item #: L-00293  
1 per pack



**PURE Patient Brochure Refills**  
1 Refill Pack of 25 Full Color Trifold Brochures  
Item #: S225

**PURE Typodont**  
Item #: G50-105



## PURE® Standard Edgewise

**Patient Kits Description**  
Upper/Lower 5x5 No Hooks  
Upper/Lower 5x5 Hooks on Cuspids

Item Numbers	Item Numbers	
	.018" Slot	.022" Slot
Upper/Lower 5x5 No Hooks	S18350	S22350
Upper/Lower 5x5 Hooks on Cuspids	S18450	S22450

Standard Edgewise	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
Centrals	0°	0°	.126"	U	S18400	S22400
Laterals	0°	0°	.116"	U	S18410	S22410
Cuspids	0°	0°	.126"	U	S18420	S22420
Cuspids with hook	0°	0°	.126"	UR/LL	S18421	S22421
				UL/LR	S18422	S22422
Bicuspid	0°	0°	.126"	U	S18430	S22430
Lower Anterior	0°	0°	.112"	U	S18440	S22440



# Reflections™

## Ceramic Bracket System

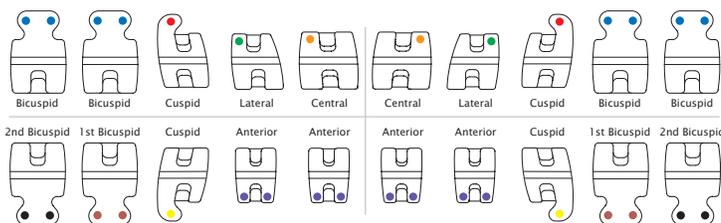
Strength and Functionality  
for Exceptional  
Aesthetic Treatment™

MADE IN THE  
**USA**

**COMPARE TO:**  
**Clarity™ ADVANCED** by 3M Unitek

- Rounded Corners**  
For added patient comfort
- Archwire Slot Design**  
Enhances sliding mechanics  
Extremely resistant to slot-wear,  
cracking, and fracturing
- Highest Quality Material**  
Made from 99.9% pure polycrystalline  
alumina for unsurpassed strength
- Compound Contour Base**  
Provides an ideal bracket fit
- Removable Color Coded ID Dot**  
For easy bracket selection
- Translucent**  
For pleasing aesthetics
- Dove Tail Grooves**  
Provide superior mechanical lock
- Generous Tie-Wing Area**  
For easy bracket ligation
- Contoured Tie-Wing**  
For added patient comfort

### Identification System



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# Reflections™

## Ceramic Bracket System

### Proven Clinical Performance

The Reflections Ceramic Bracket System offers a unique combination of aesthetics, function, and strength. The state-of-the-art dovetail base design has generous undercuts which grab any adhesive firmly and ensure maximum mechanical bond strength, yet debond easily. Reflections Brackets are made from 99.9% pure polycrystalline alumina ensuring the

translucency patients want. Reflections Brackets are designed to decrease the occurrence of bracket fracture, increase the torque control, increase the sliding mechanics, and provide the clinical functionality doctors need. Reflections Brackets are the clear alternative for aesthetic treatment.



**Rounded Corners**  
For added patient comfort



**Dove Tail Grooves**  
Provide superior mechanical lock



**Archwire Slot Design**  
Enhances sliding mechanics



**Generous Contoured Tie-Wing Area**  
For easy bracket ligation and added patient comfort



**Compound Contour Base**  
Provides ideal bracket fit



**Translucent Highest Quality Material**  
99.9% pure polycrystalline alumina for unsurpassed strength and pleasing aesthetics

## Reflections™

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+12°	+5°	.155"	R	REF-001	REF-101
				L	REF-002	REF-102
2 2 Lateral	+8°	+9°	.133"	R	REF-011	REF-111
				L	REF-012	REF-112
3 3 Cuspid with hook	0°	+11°	.131"	R	REF-021	REF-121
				L	REF-022	REF-122
4/5 4/5 Bicuspid with hook	-7°	0°	.130"	U	REF-031	REF-131
4/5 4/5 Bicuspid	-7°	0°	.130"	U	REF-030	REF-130

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

### Patient Kits Description

Upper/Lower 3x3 Hooks on Cuspids  
Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks 3, 4, & 5  
Upper 5-5 Hooks on Cuspids  
Upper 5-5 Hooks 3, 4, & 5

### Item Numbers

.018" Slot	.022" Slot
RF18-300	RF22-300
RF18-1300	RF22-1300
RF18-1345	RF22-1345
RF18-2300	RF22-2300
RF18-2345	RF22-2345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.110"	U	REF-041	REF-141
3 3 Cuspid with hook	-11°	+5°	.133"	R	REF-051	REF-151
				L	REF-052	REF-152
4 4 1st Bicuspid with hook	-17°	0°	.133"	U	REF-061	REF-161
				U	REF-060	REF-160
5 5 2nd Bicuspid with hook	-22°	0°	.133"	U	REF-071	REF-171
				U	REF-070	REF-170

# BRACKET SYSTEMS



Brackets



## Single Patient Kit Description

**Upper/Lower 3x3**  
1 kit (12 brackets)

**Upper/Lower 5x5**  
1 kit (20 brackets)

**Upper 5-5**  
1 kit (10 brackets)

**Individual Brackets**  
1 pack (10 brackets)

## Reflections™

Ortho Technology's version of the Roth Prescription\*  
"V" Slot (.025" x .025")

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+12°	+5°	.155"	R	REF-601
				L	REF-602
2 2 Lateral	+8°	+9°	.133"	R	REF-611
				L	REF-612
3 3 Cuspid with hook	0°	+11°	.131"	R	REF-621
				L	REF-622
4/5 4/5 Bicuspid with hook	-7°	0°	.130"	U	REF-631
4/5 4/5 Bicuspid	-7°	0°	.130"	U	REF-630

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

## Patient Kits Description

Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks 3, 4, & 5

## Item Numbers

**.022" Slot**  
RF322-1300  
RF322-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.110"	U	REF-640
3 3 Cuspid with hook	-11°	+5°	.133"	R	REF-651
				L	REF-652
4 4 1 <sup>st</sup> Bicuspid with hook	-17°	0°	.133"	U	REF-661
4 4 1 <sup>st</sup> Bicuspid	-17°	0°	.133"	U	REF-660
5 5 2 <sup>nd</sup> Bicuspid with hook	-22°	0°	.133"	U	REF-671
5 5 2 <sup>nd</sup> Bicuspid	-22°	0°	.133"	U	REF-670

## Reflections™

Ortho Technology's version of the  
McLaughlin, Bennett, & Trevisi Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+17°	+4°	.155"	R	REF-801
				L	REF-802
2 2 Lateral	+10°	+8°	.133"	R	REF-811
				L	REF-812
3 3 Cuspid with hook	0°	+8°	.131"	R	REF-821
				L	REF-822
4/5 4/5 Bicuspid	-7°	0°	.130"	U	REF-830
4/5 4/5 Bicuspid with hook	-7°	0°	.130"	U	REF-831

\*The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

## Patient Kits Description

Upper/Lower 3x3 Hooks on Cuspids  
Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks 3, 4, & 5

**Item Numbers**  
**.018" Slot**    **.022" Slot**  
RFM18-300    RFM22-300  
RFM18-1300    RFM22-1300  
RFM18-1345    RFM22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.110"	U	REF-841
3 3 Cuspid with hook	0°	+3°	.133"	R	REF-851
				L	REF-852
4 4 Bicuspid with hook	-12°	+2°	.133"	R	REF-861
				L	REF-862
4 4 Bicuspid	-12°	+2°	.133"	R	REF-863
				L	REF-864
5 5 2 <sup>nd</sup> Bicuspid with hook	-17°	+2°	.133"	R	REF-871
				L	REF-872
5 5 2 <sup>nd</sup> Bicuspid	-17°	+2°	.133"	R	REF-873
				L	REF-874

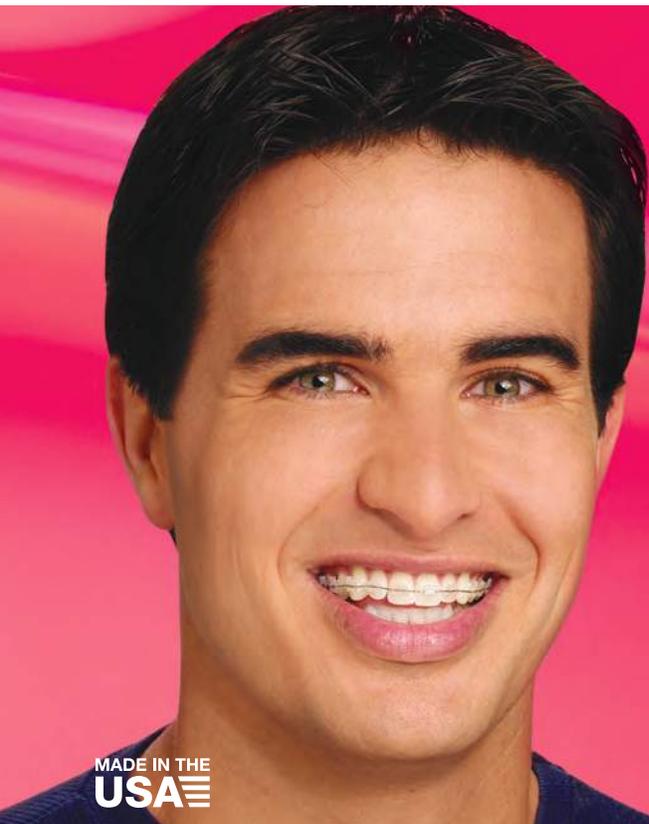
## Reflections™

Standard Edgewise

**Patient Kits Description**  
Upper/Lower 5x5 No Hooks

**Item Numbers**  
**.022" Slot**  
RF222-1000

Standard Edgewise	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
Centrals	0°	0°	.155"	U	REF-200	REF-300
Laterals	0°	0°	.131"	U	REF-210	REF-310
Cuspids	0°	0°	.131"	U	REF-220	REF-320
Bicuspids	0°	0°	.131"	U	REF-230	REF-330
Lower Anterior	0°	0°	.110"	U	REF-240	REF-340



# Encore!™

## Metal-Lined Ceramic Bracket System

The Aesthetics of Ceramics with the Functionality of Metal™

MADE IN THE USA

**COMPARE TO:**  
Clarity™ Metal-Reinforced by 3M Unitek

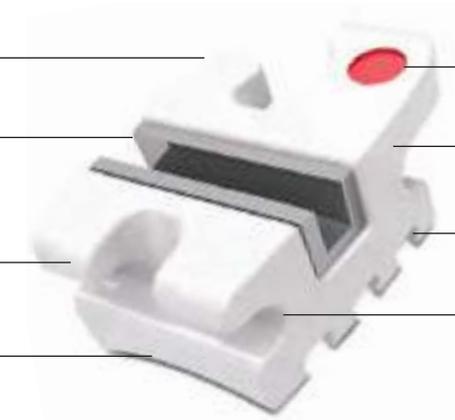
**Rounded Corners**  
For added patient comfort

**METAL-LINED ARCHWIRE SLOT**  
For improved sliding mechanics and to withstand higher torquing forces

**Nickel Free for Sensitive Patients**

**Highest Quality Material**  
Made from 99.9% pure polycrystalline alumina for unsurpassed strength

**Compound Contour Base**  
Provides for an ideal bracket fit



**Removable Color Coded ID Dot**  
For easy bracket selection

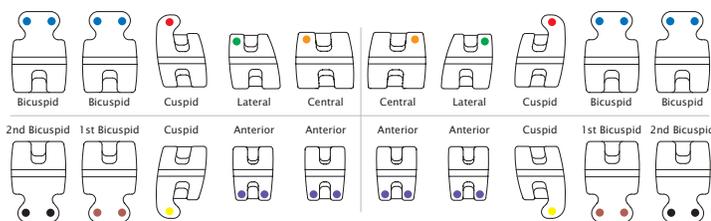
**Translucent**  
For pleasing aesthetics

**Dove Tail Grooves**  
Provide superior mechanical lock

**Generous Tie-Wing Area**  
For easy bracket ligation

**Contoured Tie-Wing**  
For added patient comfort

### Identification System



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# BRACKET SYSTEMS



## Single Patient Kit Description

### Upper/Lower 3x3

1 kit (12 brackets)

### Upper/Lower 5x5

1 kit (20 brackets)

### Individual Brackets

1 pack (10 brackets)

## Encore!™

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+12°	+5°	.155"	R	MC-001	MC-101
				L	MC-002	MC-102
2 2 Lateral	+8°	+9°	.133"	R	MC-011	MC-111
				L	MC-012	MC-112
3 3 Cuspid with hook	0°	+11°	.131"	R	MC-021	MC-121
				L	MC-022	MC-122
4/5 4/5 Bicuspid with hook	-7°	0°	.130"	U	MC-031	MC-131
4/5 4/5 Bicuspid	-7°	0°	.130"	U	MC-030	MC-130

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

## Encore!™

Ortho Technology's version of the McLaughlin, Bennett, & Trevisi Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+17°	+4°	.155"	R	MC-701	MC-801
				L	MC-702	MC-802
2 2 Lateral	+10°	+8°	.133"	R	MC-711	MC-811
				L	MC-712	MC-812
3 3 Cuspid with hook	0°	+8°	.131"	R	MC-721	MC-821
				L	MC-722	MC-822
4/5 4/5 Bicuspid with hook	-7°	0°	.130"	U	MC-731	MC-831
4/5 4/5 Bicuspid	-7°	0°	.130"	U	MC-730	MC-830

\*The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

## Patient Kits

### Description

Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks 3, 4, & 5

## Item Numbers

**.018" Slot**

**.022" Slot**

MC18-1300

MC22-1300

MC18-1345

MC22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.110"	U	MC-041	MC-141
3 3 Cuspid with hook	-11°	+5°	.133"	R	MC-051	MC-151
				L	MC-052	MC-152
4 4 1st Bicuspid with hook	-17°	0°	.133"	U	MC-061	MC-161
4 4 1st Bicuspid	-17°	0°	.133"	U	MC-060	MC-160
5 5 2nd Bicuspid with hook	-22°	0°	.133"	U	MC-071	MC-171
				U	MC-070	MC-170

## Patient Kits

### Description

Upper/Lower 3x3 No Hook  
Upper/Lower 3x3 Hooks on Cuspids  
Upper/Lower 5x5 No Hook  
Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks 3, 4, & 5

## Item Numbers

**.018" Slot**

**.022" Slot**

MCM18-100

MCM22-100

MCM18-300

MCM22-300

MCM18-1000

MCM22-1000

MCM18-1300

MCM22-1300

MCM18-1345

MCM22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.110"	U	MC-741	MC-841
3 3 Cuspid with hook	0°	+3°	.133"	R	MC-751	MC-851
				L	MC-752	MC-852
4 4 Bicuspid with hook	-12°	+2°	.133"	R	MC-761	MC-861
				L	MC-762	MC-862
4 4 Bicuspid	-12°	+2°	.133"	R	MC-763	MC-863
				L	MC-764	MC-864
5 5 2nd Bicuspid with hook	-17°	+2°	.133"	R	MC-771	MC-871
				L	MC-772	MC-872
5 5 2nd Bicuspid	-17°	+2°	.133"	R	MC-773	MC-873
				L	MC-774	MC-874

# Avalon<sup>®</sup>

## Metal-Lined Composite Bracket System

The Aesthetics Patients Want  
with the Functionality  
Doctors Need<sup>™</sup>

MADE IN THE  
USA

COMPARE TO:  
Spirit<sup>®</sup>MB by Ormco



- Rounded corners for added patient comfort
- Removable color coded ID dot
- Highest quality material made from medical grade polyurethane for superior strength, translucent for pleasing aesthetics
- Metal-lined archwire slot for improved sliding mechanics and to withstand higher torquing forces. Nickel free for sensitive patients
- Compound contour base provides for an ideal bracket fit. Bonds and debonds just like metal
- Generous tie-wing area for easy bracket ligation. Contoured design for added patient comfort
- Dove tail grooves with "micro rock" coating provide superior mechanical lock

## Avalon<sup>®</sup>

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+12°	+5°	.155"	R	A18-001	A22-001
				L	A18-002	A22-002
2 2 Lateral	+8°	+9°	.133"	R	A18-011	A22-011
				L	A18-012	A22-012
3 3 Cuspid with hook	0°	+11°	.131"	R	A18-021	A22-021
				L	A18-022	A22-022
4/5 4/5 Bicuspid with hook	-7°	0°	.130"	U	A18-031	A22-031
4/5 4/5 Bicuspid	-7°	0°	.130"	U	A18-030	A22-030

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.  
†0° torque on lower anteriors (1/2s).

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**Single Patient Kit Description**  
**Upper/Lower 3x3**  
1 kit (12 brackets)

**Upper/Lower 5x5**  
1 kit (20 brackets)

**Individual Brackets**  
1 pack (10 brackets)



### Patient Kits Description

Upper/Lower 3x3 Hooks on Cuspids  
Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks 3, 4, & 5

### Item Numbers

	.018" Slot	.022" Slot
Upper/Lower 3x3 Hooks on Cuspids	AV18-300†	AV22-300†
Upper/Lower 5x5 Hooks on Cuspids	AV18-1300†	AV22-1300†
Upper/Lower 5x5 Hooks 3, 4, & 5	AV18-1345†	AV22-1345†

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.110"	U	A18-041	A22-041
				L	A18-042	A22-042
1/2 1/2 Lower Anterior	-6°	0°	.110"	U	A18-741	A22-841
				L	A18-742	A22-842
3 3 Cuspid with hook	-11°	+5°	.133"	R	A18-051	A22-051
				L	A18-052	A22-052
3 3 Cuspid with hook	0°	+3°	.133"	R	A18-751	-
				L	A18-752	-
4 4 1 <sup>st</sup> Bicuspid with hook	-17°	0°	.133"	U	A18-061	A22-061
4 4 1 <sup>st</sup> Bicuspid	-17°	0°	.133"	U	A18-060	A22-060
5 5 2 <sup>nd</sup> Bicuspid with hook	-22°	0°	.133"	U	A18-071	A22-071
5 5 2 <sup>nd</sup> Bicuspid	-22°	0°	.133"	U	A18-070	A22-070



Brackets



# OrthoFlex™

## Composite Bracket System

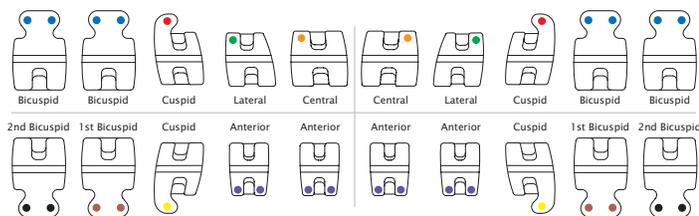
The Ideal Choice  
for Aesthetics

MADE IN THE  
**USA**

**COMPARE TO:**  
**Silkon Plus™ Brackets** by American Orthodontics

- Rounded Corners**  
For added patient comfort
- Archwire Slot Design**  
Enhances sliding mechanics  
Extremely resistant to slot-wear, cracking, and fracturing
- Highest Quality Material**  
Made from polyurethane for unsurpassed strength
- Compound Contour Base**  
Provides an ideal bracket fit
- Bonds and Debonds Just Like Metal**
- Removable Color Coded ID Dot**  
For easy bracket selection
- Translucent**  
For pleasing aesthetics
- Generous Tie-Wing Area**  
For easy bracket ligation
- Dove Tail Grooves**  
Provide superior mechanical lock and easy debonding
- Contoured Tie-Wing**  
For added patient comfort
- "Micro Rock" Magnification**  
Provides millions of additional undercuts to grip the adhesive
- No Plastic Primers Needed for Bonding**

### Identification System



© 2018 Ortho Technology, Inc. OrthoFlex is a trademark of Ortho Technology. Silkon Plus is a trademark of American Orthodontics.



### Single Patient Kit Description

#### Upper/Lower 3x3

1 kit (12 brackets)

#### Upper/Lower 5x5

1 kit (20 brackets)

#### Individual Brackets

1 pack (10 brackets)

## OrthoFlex™

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+12°	+5°	.155"	R	COM-001	COM-101
				L	COM-002	COM-102
2 2 Lateral	+8°	+9°	.133"	R	COM-011	COM-111
				L	COM-012	COM-112
3 3 Cuspid with hook	0°	+11°	.131"	R	COM-021	COM-121
				L	COM-022	COM-122
4/5 4/5 Bicuspid with hook	-7°	0°	.130"	U	COM-031	COM-131
4/5 4/5 Bicuspid	-7°	0°	.130"	U	COM-030	COM-130

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

## OrthoFlex™

Ortho Technology's version of the McLaughlin, Bennett, & Trevisi Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+17°	+4°	.155"	R	COM-701	COM-801
				L	COM-702	COM-802
2 2 Lateral	+10°	+8°	.133"	R	COM-711	COM-811
				L	COM-712	COM-812
3 3 Cuspid with hook	0°	+8°	.131"	R	COM-721	COM-821
				L	COM-722	COM-822
4/5 4/5 Bicuspid universal	-7°	0°	.130"	U	COM-730	COM-830
4/5 4/5 Bicuspid with hook	-7°	0°	.130"	U	COM-731	COM-831

\*The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

## OrthoFlex™

Standard Edgewise

### Patient Kits

#### Description

Upper/Lower 3x3 Hooks on Cuspids

Upper/Lower 5x5 No Hooks

Upper/Lower 5x5 Hooks on Cuspids

Upper/Lower 5x5 Hooks 3, 4, & 5

### Item Numbers

.018" Slot

.022" Slot

CM22-300

CM22-1000

CM22-1300

CM22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.110"	U	COM-041	COM-141
3 3 Cuspid with hook	-11°	+5°	.133"	R	COM-051	COM-151
				L	COM-052	COM-152
4 4 1st Bicuspid with hook	-17°	0°	.133"	U	COM-061	COM-161
4 4 1st Bicuspid	-17°	0°	.133"	U	COM-060	COM-160
5 5 2nd Bicuspid with hook	-22°	0°	.133"	U	COM-071	COM-171
5 5 2nd Bicuspid	-22°	0°	.133"	U	COM-070	COM-170

### Patient Kits

#### Description

Upper/Lower 3x3 Hooks on Cuspids

Upper/Lower 5x5 Hooks on Cuspids

Upper/Lower 5x5 Hooks 3, 4, & 5

### Item Numbers

.018" Slot

.022" Slot

CMM18-300

CMM22-1300

CMM22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.110"	U	COM-741	COM-841
3 3 Cuspid with hook	0°	+3°	.133"	R	COM-751	COM-851
				L	COM-752	COM-852
4 4 1st Bicuspid with hook	-12°	+2°	.133"	R	COM-761	COM-861
				L	COM-762	COM-862
4 4 1st Bicuspid	-12°	+2°	.133"	R	COM-763	COM-863
				L	COM-764	COM-864
5 5 2nd Bicuspid with hook	-17°	+2°	.133"	R	COM-771	COM-871
				L	COM-772	COM-872
5 5 2nd Bicuspid	-17°	+2°	.133"	R	COM-773	COM-873
				L	COM-774	COM-874

Standard Edgewise	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
Centrals	0°	0°	.155"	U	COM-400	COM-300
Laterals	0°	0°	.131"	U	COM-401	COM-301
Cuspids	0°	0°	.131"	U	COM-402	COM-302
Bicuspids	0°	0°	.131"	U	COM-403	COM-303
Lower Anterior	0°	0°	.110"	U	COM-404	COM-304



Tooth Tone® Coated Archwire

Tooth Tone®



Uncoated Archwire

# Compare and See the Difference for Yourself!

Brackets



### Tooth Tone® Coated Preformed Shorty Ties

- Durable plastic coating
- Stainless steel

.010" wire (.012" coated)  
Item #: 907-105  
100 per pack



### Tooth Tone® Coated Crimpable Bi-Directional Ball Hooks

Item #: 907-002  
Fits archwires up to .022" x .025"  
20 per pack



### Tooth Tone® Coated Kobayashi Shorty Ties

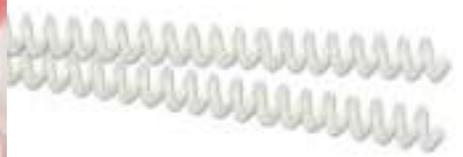
- Durable plastic coating
- Stainless steel

.012" wire (.014" coated)  
Item #: 907-115  
100 per pack



### Tooth Tone® Nickel Titanium Open Coil Springs

7" Lengths  
.012" x .030" (.014" x .027" coated)  
Item #: 907-003  
3 springs per pack



### OrthoFlex™ Composite Rectangular Buttons

- Made in the USA

Item #: OT-2344  
2.85 mm x 2.05 mm one piece base  
10 per pack



### Tooth Tone® Coated Preformed Ligature Ties

.010" wire (.012" coated)  
Item #: 907-102  
100 per pack



### OrthoFlex™ Composite Round Buttons

- Made in the USA

Item #: OT-3300  
2.9 mm one piece base  
10 per pack

# Makes Aesthetic Treatment Complete

MADE IN THE USA

## Tooth Tone® Coated Full Form Archwires

- Superior aesthetics
- Durable coating
- Resistant to staining
- Low friction

## Tooth Tone® Nickel Titanium

● Round	▲ Upper	▼ Lower
.014"	6000-601	6000-701
.016"	6000-602	6000-702
.018"	6000-603	6000-703
.020"	6000-604	6000-704
■ Rectangle		
.016" x .022"	6000-607	6000-707
.018" x .018"	6000-608	6000-708
.019" x .025"	6000-611	6000-711
.021" x .025"	6000-613	6000-713
.020" x .020"	6000-612	6000-712

**Note:** Size shown is finished size. Tooth Tone coating adds .002" thickness to diameter. 10 per pack

## Tooth Tone® Stainless Steel

● Round	▲ Upper	▼ Lower
.014"	8000-802	8000-902
.016"	8000-803	8000-903
.018"	8000-804	8000-904
.020"	8000-805	8000-905
■ Rectangle		
.016" x .022"	8000-807	8000-907
.017" x .025"	8000-809	8000-909
.018" x .018"	8000-810	8000-910
.019" x .025"	8000-815	8000-915
.021" x .025"	8000-814	8000-914
.020" x .020"	8000-817	8000-917

**Note:** Size shown is finished size. Tooth Tone coating adds .002" thickness to diameter. 10 per pack



### Tooth Tone® Crimpable Mini Stops

- Durable aesthetic coating
- For total aesthetic treatment
- Very comfortable to the patient
- Slides easily onto the archwire
- 2.0 mm in length

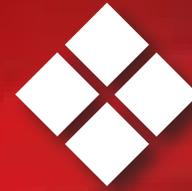
### Coated Mini Stops - Small

Item #: 907-000  
Fits round wires up to .018"  
25 per pack

### Coated Mini Stops - Large

Item #: 907-001  
Fits square wires up to .020" x .020"  
rectangular wires up to .019" x .025"  
25 per pack





# VOTION®

Stainless Steel Bracket System

## The Bracket Built for Practice Productivity

COMPARE TO:

**OmniArch® Plus** by Dentsply Sirona

## Two-Piece Bracket System

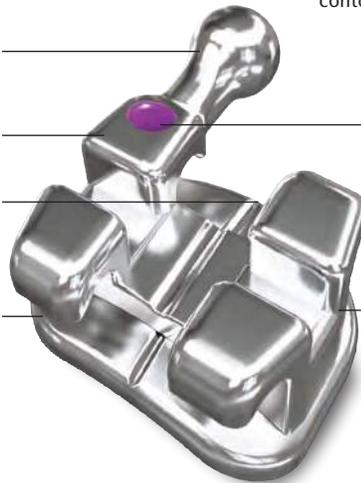
The Votion Bracket System utilizes Metal Injection Molding (MIM) technology to achieve extremely complex bracket structures and contours that enhance treatment efficiency.

**Intelligent Hook Design**  
Hooks are angled at 15° to reduce interference with gingival tissue

**Smooth Facial Contours**  
For increased patient comfort

**Vertical Scribe Line**  
Runs entire length of bracket base and pad for easy and more accurate placement on the long axis

**Compound Contour Base**  
Superior fit and greater contact surface area for improved retention

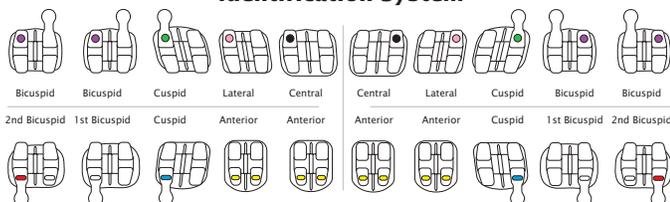


**Permanent Identification System**  
With a removable color coded dot and permanently recessed I.D. mark

**Ample Under Tie-Wing Area**  
Provides easy and secure ligation

**Rounded Archwire Slot Contours**  
Mesial and distal slot entry points are rounded to prevent archwire notching when rotations are present and during retraction/protraction procedures

### Identification System



© 2018 Ortho Technology, Inc. Votion is a registered trademark of Ortho Technology. OmniArch is a registered trademark of Dentsply Sirona.



## Low Profile Design

Improved aesthetics and patient comfort

## Anti-Rotation

Ortho Technology's version of the Roth Prescription features built-in anti-rotation in the cuspid and bicuspid bracket archwire slots to prevent unwanted rotation during sliding mechanics

## Intelligent Hook Design

Hooks are designed with a 15° angle to reduce interference with gingival tissue. The ball hook is further rounded to minimize soft tissue irritation and improve the patient experience

## Votion®

Ortho Technology's version of the Roth Prescription\* with Anti-Rotation

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+12°	+5°	.154"	R	350-91-1100	350-92-1100
				L	350-91-2100	350-92-2100
2 2 Lateral	+8°	+9°	.125"	R	350-91-1200	350-92-1200
				L	350-91-2200	350-92-2200
3 3 Cuspid	-2°	+13°	.138"	R	350-91-1301	350-92-1301
				L	350-91-2301	350-92-2301
3 3 Cuspid with hook	-2°	+13°	.138"	R	350-91-1311	350-92-1311
				L	350-91-2311	350-92-2311
4/5 4/5 Bicuspid	-7°	0°	.130"	R	350-91-1902	350-92-1902
				L	350-91-2902	350-92-2902
4/5 4/5 Bicuspid with hook	-7°	0°	.130"	R	350-91-1912	350-92-1912
				L	350-91-2912	350-92-2912
4/5 4/5 Bicuspid w/offset pad	-7°	0°	.130"	R	350-91-1922	350-92-1922
				L	350-91-2922	350-92-2922
4/5 4/5 Bicuspid w/hook & offset	-7°	0°	.130"	R	350-91-1932	350-92-1932
				L	350-91-2932	350-92-2932

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

### Maxillary Anti-Rotation

Centrals & Laterals = 0°  
 Cuspids = +4°M  
 Bicuspids = +2°D

### Mandibular Anti-Rotation

Lower Anterior = 0°  
 Cuspids = +2°M  
 Bicuspids = +4°D

## Ample Under Tie-Wing Area

Provides easy and secure ligation, and improves chairside efficiencies with fast ligature application and removal

## 80 Gauge Micro-Etched Mesh Bonding Base

Each base is micro-etched to ensure optimal adhesive properties and prevent bond failures for increased office productivity

### Patient Kits

Description	.018" Slot	.022" Slot
Upper/Lower 5x5	350-91-2000	350-92-2000
Upper/Lower 5x5 Hooks on Cuspids	350-91-2010	350-92-2010
Upper/Lower 5x5 Hooks 3, 4, & 5	350-91-2011	350-92-2011
Upper/Lower 5x5 No Hooks Offset (U/L 4,5)	350-91-2020	350-92-2020
Upper/Lower 5x5 Hooks on 3 Offsets (U/L 4,5)	350-91-2030	350-92-2030
Upper/Lower 5x5 Hooks on 3, 4, 5 Offsets (U/L 4,5)	350-91-2031	350-92-2031

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	-1°	0°	.098"	U	350-91-6800	350-92-6800
3 3 Cuspid	-11°	+7°	.138"	R	350-91-3301	350-92-3301
				L	350-91-4301	350-92-4301
3 3 Cuspid with hook	-11°	+7°	.138"	R	350-91-3311	350-92-3311
				L	350-91-4311	350-92-4311
4 4 1st Bicuspid	-17°	0°	.130"	R	350-91-3402	350-92-3402
				L	350-91-4402	350-92-4402
4 4 1st Bicuspid with hook	-17°	0°	.130"	R	350-91-3412	350-92-3412
				L	350-91-4412	350-92-4412
4 4 1st Bicuspid w/offset pad	-17°	0°	.130"	R	350-91-3422	350-92-3422
				L	350-91-4422	350-92-4422
4 4 1st Bicuspid w/hook & offset	-17°	0°	.130"	R	350-91-3432	350-92-3432
				L	350-91-4432	350-92-4432
5 5 2nd Bicuspid	-22°	0°	.130"	R	350-91-3502	350-92-3502
				L	350-91-4502	350-92-4502
5 5 2nd Bicuspid with hook	-22°	0°	.130"	R	350-91-3512	350-92-3512
				L	350-91-4512	350-92-4512
5 5 2nd Bicuspid w/offset pad	-22°	0°	.130"	R	350-91-3522	350-92-3522
				L	350-91-4522	350-92-4522
5 5 2nd Bicuspid w/hook & offset	-22°	0°	.130"	R	350-91-3532	350-92-3532
				L	350-91-4532	350-92-4532

# BRACKET SYSTEMS



Brackets



## Votion®

Ortho Technology's version of the McLaughlin, Bennett, & Trevisi Prescription\*

### Patient Kits Description With Torque on Cuspids

	Item Numbers	.018" Slot	.022" Slot
Upper/Lower 5x5	350-21-2000	350-22-2000	
Upper/Lower 5x5 Hooks on Cuspids	350-21-2010	350-22-2010	
Upper/Lower 5x5 Hooks on 3, 4, & 5	350-21-2011	350-22-2011	
Upper/Lower 5x5 No Hooks Offset (U/L 4,5)	350-21-2020	350-22-2020	
Upper/Lower 5x5 Hooks on 3 Offsets (U/L 4,5)	350-21-2030	350-22-2030	
Upper/Lower 5x5 Hooks on 3, 4, 5 Offsets (U/L 4,5)	350-21-2031	350-22-2031	

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+17°	+4°	.154"	R	350-21-1100	350-22-1100
				L	350-21-2100	350-22-2100
2 2 Lateral	+10°	+8°	.125"	R	350-21-1200	350-22-1200
				L	350-21-2200	350-22-2200
3 3 Cuspid	-7°	+8°	.138"	R	350-21-1300	350-22-1300
				L	350-21-2300	350-22-2300
3 3 Cuspid with hook	-7°	+8°	.138"	R	350-21-1310	350-22-1310
				L	350-21-2310	350-22-2310
3 3 Cuspid	0°	+8°	.138"	R	350-21-1340	350-22-1340
				L	350-21-2340	350-22-2340
3 3 Cuspid with hook	0°	+8°	.138"	R	350-21-1350	350-22-1350
				L	350-21-2350	350-22-2350
4 5 4 5 Bicuspid	-7°	0°	.130"	R	350-21-1900	350-22-1900
				L	350-21-2900	350-22-2900
4 5 4 5 Bicuspid with hook	-7°	0°	.130"	R	350-21-1910	350-22-1910
				L	350-21-2910	350-22-2910
4 5 4 5 Bicuspid with offset	-7°	0°	.130"	R	350-21-1920	350-22-1920
				L	350-21-2920	350-22-2920
4 5 4 5 Bicuspid w/hook & offset	-7°	0°	.130"	R	350-21-1930	350-22-1930
				L	350-21-2930	350-22-2930

### Single Patient Kit Description Upper/Lower 5x5

1 kit (20 brackets)

### Individual Brackets

1 pack (10 brackets)

### Patient Kits Description Item Numbers

Without Torque on Cuspids	.018" Slot	.022" Slot
Upper/Lower 5x5	350-21-2040	350-22-2040
Upper/Lower 5x5 Hooks on Cuspids	350-21-2050	350-22-2050
Upper/Lower 5x5 Hooks on 3, 4, & 5	350-21-2051	350-22-2051
Upper/Lower 5x5 No Hooks Offset (U/L 4,5)	350-21-2060	350-22-2060
Upper/Lower 5x5 Hooks on 3 Offsets (U/L 4,5)	350-21-2061	350-22-2061
Upper/Lower 5x5 Hooks on 3, 4, 5 Offsets (U/L 4,5)	350-21-2062	350-22-2062

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.098"	U	350-21-6800	350-22-6800
3 3 Cuspid	-6°	+3°	.138"	R	350-21-3300	350-22-3300
				L	350-21-4300	350-22-4300
3 3 Cuspid with hook	-6°	+3°	.138"	R	350-21-3310	350-22-3310
				L	350-21-4310	350-22-4310
3 3 Cuspid	0°	+3°	.138"	R	350-21-3340	350-22-3340
				L	350-21-4340	350-22-4340
3 3 Cuspid with hook	0°	+3°	.138"	R	350-21-3350	350-22-3350
				L	350-21-4350	350-22-4350
4 4 1st Bicuspid	-12°	+2°	.130"	R	350-21-3400	350-22-3400
				L	350-21-4400	350-22-4400
4 4 1st Bicuspid with hook	-12°	+2°	.130"	R	350-21-3410	350-22-3410
				L	350-21-4410	350-22-4410
4 4 1st Bicuspid with offset	-12°	+2°	.130"	R	350-21-3420	350-22-3420
				L	350-21-4420	350-22-4420
4 4 1st Bicuspid w/hook & offset	-12°	+2°	.130"	R	350-21-3430	350-22-3430
				L	350-21-4430	350-22-4430
5 5 2nd Bicuspid	-17°	+2°	.130"	R	350-21-3500	350-22-3500
				L	350-21-4500	350-22-4500
5 5 2nd Bicuspid with hook	-17°	+2°	.130"	R	350-21-3510	350-22-3510
				L	350-21-4510	350-22-4510
5 5 2nd Bicuspid with offset	-17°	+2°	.130"	R	350-21-3520	350-22-3520
				L	350-21-4520	350-22-4520
5 5 2nd Bicuspid w/hook & offset	-17°	+2°	.130"	R	350-21-3530	350-22-3530
				L	350-21-4530	350-22-4530

\*The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.



**Votion**  
Ideal Occlusion Typodont  
Item #: G50-122



### DESIGNED FOR USE WITH...

**Votion® Bondable Buccal Tubes**

See page 71





## Revolutionary Strength and Consistency in a One-Piece Bracket

**COMPARE TO:**  
Mini Master™ by American Orthodontics

MADE IN THE  
**USA**

**Intelligent Hook Design**  
Smooth rounded hooks reduce soft tissue irritation

**Cross Scribe Lines**  
Unique vertical and horizontal scribe lines in the center of the bracket head for superior visual cues. The patented, raised horizontal line on the bracket base further enhances visibility for optimal bonding placement accuracy

**Micro-Etched Pylon Base Design**  
Created from the original Marquis™ base, Pinnacle's redesigned version features angled pylons that offer increased surface area for superior retention and bond strength

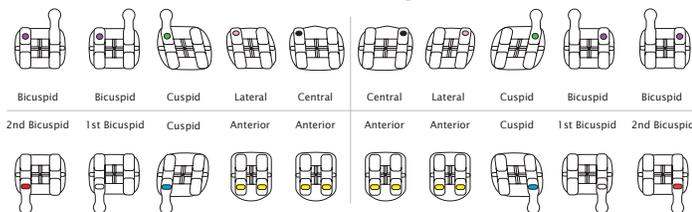


**Permanent Identification System**  
With a removable color coded dot and permanently recessed I.D. mark

**Rounded Archwire Slot Contours**  
Mesial and distal slot entry points are rounded to prevent archwire notching when rotations are present and during retraction/protraction procedures

**Optimized Compound Contour Base**  
Brackets are individually contoured for an ideal fit to each tooth for correct positioning

### Identification System



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## One of the Most Modern Brackets in the Industry

Pinnacle combines classic design with modern elements for better treatment efficiency. Through advanced Metal Injection Molding (MIM) technology, more intricate contours and structures are achieved for reduced friction, optimum patient comfort, and enhanced visual placement marks. A specialized process leaves Pinnacle with a brilliant high-shine surface.

## Eliminate Canine Bracket Re-Positioning

Doctors struggling with rotations from retraction procedures are able to place Pinnacle more accurately at the beginning of treatment with anti-rotation in the slot.<sup>†</sup>

## Pinnacle®

Ortho Technology's version of the Roth Prescription\* with Anti-Rotation

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+12°	+5°	.130"	R	360-91-1100	360-92-1100
				L	360-91-2100	360-92-2100
2 2 Lateral	+8°	+9°	.109"	R	360-91-1200	360-92-1200
				L	360-91-2200	360-92-2200
3 3 Cuspid	-2°	+13°	.117"	R	360-91-1301	360-92-1301
				L	360-91-2301	360-92-2301
3 3 Cuspid with hook	-2	+13°	.117"	R	360-91-1311	360-92-1311
				L	360-91-2311	360-92-2311
4/5 4/5 Bicuspid	-7°	0°	.120"	R	360-91-1902	360-92-1902
				L	360-91-2902	360-92-2902
4/5 4/5 Bicuspid with hook	-7°	0°	.120"	R	360-91-1912	360-92-1912
				L	360-91-2912	360-92-2912
4/5 4/5 Bicuspid w/offset pad	-7°	0°	.120"	R	360-91-1922	360-92-1922
				L	360-91-2922	360-92-2922
4/5 4/5 Bicuspid w/hook & offset	-7°	0°	.120"	R	360-91-1932	360-92-1932
				L	360-91-2932	360-92-2932

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

**Maxillary Anti-Rotation**  
 Centrals & Laterals = 0°  
 Cuspids = +4°M  
 Bicuspids = +2°D

**Mandibular Anti-Rotation**  
 Lower Anterior = 0°  
 Cuspids = +2°M  
 Bicuspids = +4°D

## Low Profile Smooth Facial Contours

For increased patient comfort

## Ample Under Tie-Wing Area

Provides easy and secure ligation

## Anti-Rotation in the Slot

<sup>†</sup>Ortho Technology's version of the Roth prescription features anti-rotation in the archwire slot to prevent unwanted rotation during sliding mechanics

### Patient Kits

#### Description

	.018" Slot	.022" Slot
Upper/Lower 5x5	360-91-2000	360-92-2000
Upper/Lower 5x5 Hooks on Cuspids	360-91-2010	360-92-2010
Upper/Lower 5x5 Hooks 3, 4, & 5	360-91-2011	360-92-2011
Upper/Lower 5x5 No Hooks Offset (U/L 4,5)	360-91-2020	360-92-2020
Upper/Lower 5x5 Hooks on 3 Offsets (U/L 4,5)	360-91-2030	360-92-2030
Upper/Lower 5x5 Hooks on 3, 4, 5 Offsets (U/L 4,5)	360-91-2031	360-92-2031

### Item Numbers

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	-1°	0°	.096"	U	360-91-6800	360-92-6800
3 3 Cuspid	-11°	+7°	.119"	R	360-91-3301	360-92-3301
				L	360-91-4301	360-92-4301
3 3 Cuspid with hook	-11°	+7°	.119"	R	360-91-3311	360-92-3311
				L	360-91-4311	360-92-4311
4 4 1st Bicuspid	-17°	0°	.119"	R	360-91-3402	360-92-3402
				L	360-91-4402	360-92-4402
4 4 1st Bicuspid with hook	-17°	0°	.119"	R	360-91-3412	360-92-3412
				L	360-91-4412	360-92-4412
4 4 1st Bicuspid w/offset pad	-17°	0°	.119"	R	360-91-3422	360-92-3422
				L	360-91-4422	360-92-4422
4 4 1st Bicuspid w/hook & offset	-17°	0°	.119"	R	360-91-3432	360-92-3432
				L	360-91-4432	360-92-4432
5 5 2nd Bicuspid	-22°	0°	.119"	R	360-91-3502	360-92-3502
				L	360-91-4502	360-92-4502
5 5 2nd Bicuspid with hook	-22°	0°	.119"	R	360-91-3512	360-92-3512
				L	360-91-4512	360-92-4512
5 5 2nd Bicuspid w/offset pad	-22°	0°	.119"	R	360-91-3522	360-92-3522
				L	360-91-4522	360-92-4522
5 5 2nd Bicuspid w/hook & offset	-22°	0°	.119"	R	360-91-3532	360-92-3532
				L	360-91-4532	360-92-4532



## Pinnacle®

Ortho Technology's version of the  
McLaughlin, Bennett, & Trevisi Prescription\*

### Patient Kits Description With Torque on Cuspid

	Item Numbers
Upper/Lower 5x5	360-22-2000
Upper/Lower 5x5 Hooks on Cuspids	360-22-2010
Upper/Lower 5x5 Hooks on 3, 4, 5	360-22-2011
Upper/Lower 5x5 No Hooks Offset (U/L 4,5)	360-22-2020
Upper/Lower 5x5 Hooks on 3 Offsets (U/L 4,5)	360-22-2030
Upper/Lower 5x5 Hooks on 3, 4, 5 Offsets (U/L 4,5)	360-22-2031

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+17°	+4°	.130"	R	360-22-1100
				L	360-22-2100
2 2 Lateral	+10°	+8°	.109"	R	360-22-1200
				L	360-22-2200
3 3 Cuspid	-7°	+8°	.117"	R	360-22-1300
				L	360-22-2300
3 3 Cuspid with hook	-7°	+8°	.117"	R	360-22-1310
				L	360-22-2310
3 3 Cuspid	0°	+8°	.117"	R	360-22-1340
				L	360-22-2340
3 3 Cuspid with hook	0°	+8°	.117"	R	360-22-1350
				L	360-22-2350
4/5 4/5 Bicuspid	-7°	0°	.120"	R	360-22-1900
				L	360-22-2900
4/5 4/5 Bicuspid with hook	-7°	0°	.120"	R	360-22-1910
				L	360-22-2910
4/5 4/5 Bicuspid with offset	-7°	0°	.120"	R	360-22-1920
				L	360-22-2920
4/5 4/5 Bicuspid w/hook & offset	-7°	0°	.120"	R	360-22-1930
				L	360-22-2930

\*The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.



**Pinnacle Ideal  
Occlusion Typodont**  
Item #: G50-360

### Single Patient Kit Description Upper/Lower 5x5

1 kit (20 brackets)

### Individual Brackets

1 pack (10 brackets)

### Patient Kits Description Without Torque on Cuspids

	Item Numbers
Upper/Lower 5x5	360-22-2040
Upper/Lower 5x5 Hooks on Cuspids	360-22-2050
Upper/Lower 5x5 Hooks on 3, 4, 5	360-22-2051
Upper/Lower 5x5 No Hooks Offset (U/L 4,5)	360-22-2060
Upper/Lower 5x5 Hooks on 3 Offsets (U/L 4,5)	360-22-2061
Upper/Lower 5x5 Hooks on 3, 4, 5 Offsets (U/L 4,5)	360-22-2062

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.096"	U	360-22-6800
3 3 Cuspid	-6°	+3°	.119"	R	360-22-3300
				L	360-22-4300
3 3 Cuspid with hook	-6°	+3°	.119"	R	360-22-3310
				L	360-22-4310
3 3 Cuspid	0°	+3°	.119"	R	360-22-3340
				L	360-22-4340
3 3 Cuspid with hook	0°	+3°	.119"	R	360-22-3350
				L	360-22-4350
4 4 1st Bicuspid	-12°	+2°	.119"	R	360-22-3400
				L	360-22-4400
4 4 1st Bicuspid with hook	-12°	+2°	.119"	R	360-22-3410
				L	360-22-4410
4 4 1st Bicuspid with offset	-12°	+2°	.119"	R	360-22-3420
				L	360-22-4420
4 4 1st Bicuspid w/hook & offset	-12°	+2°	.119"	R	360-22-3430
				L	360-22-4430
5 5 2nd Bicuspid	-17°	+2°	.119"	R	360-22-3500
				L	360-22-4500
5 5 2nd Bicuspid with hook	-17°	+2°	.119"	R	360-22-3510
				L	360-22-4510
5 5 2nd Bicuspid with offset	-17°	+2°	.119"	R	360-22-3520
				L	360-22-4520
5 5 2nd Bicuspid w/hook & offset	-17°	+2°	.119"	R	360-22-3530
				L	360-22-4530



**WORKS WITH OUR  
Votion® Bondable  
Buccal Tubes**

See page 71





# Marquis™

## Stainless Steel Bracket System

### Fully Preprogrammed Bracket System™



MADE IN THE USA

**COMPARE TO:**  
**Mini Master™** by American Orthodontics

## One-Piece Bracket System

**Identification System**  
By quadrant with a removable color coded dot and permanently by a recessed I.D. mark

**Chamfered Archwire Slot**  
For easy archwire engagement  
Archwire slot is parallel to incisal edge of tooth

**Highest Quality Material**  
Cast from the high quality  
17-4 stainless steel for unsurpassed strength

**Rhomboid Shape**  
With defined center scribe line for easy and accurate bracket placement

**Superior Shear Bond Strength**  
Makes for less bond failure



**Ball Hooks**  
No additional charge

**Contoured Tie-Wing**  
For added patient comfort  
Tie-wings are parallel to tooth anatomy

**Generous Tie-Wing Area**  
For easy bracket ligation

**Ultra Low Profile**  
For added patient comfort

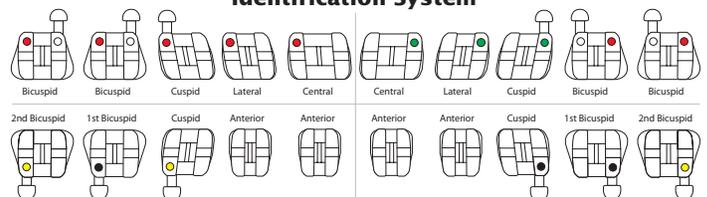
**Torque In Base**  
Compound-contoured design  
Base of bracket is parallel to the incisal edge of tooth

## State-Of-The-Art Base Design



- Electrical Discharge Machining (EDM)
- Retention superior to mesh bonding pads
- The extended base of the bicuspid provides a better fit and added retention
- The micro-etched pylons are designed at an acute angle generating miniature anchorage points that embed firmly into the adhesive for maximum bond strength

## Identification System



© 2018 Ortho Technology, Inc. Marquis is a trademark of Ortho Technology. Mini Master is a trademark of American Orthodontics.



## Single Patient Kit Description

### Upper/Lower 5x5

1 kit (20 brackets)

## Individual Brackets

1 pack (10 brackets)

## Marquis™

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+12°	+5°	.155"	R	M18-001	M22-001
				L	M18-002	M22-002
2 2 Lateral	+8°	+9°	.125"	R	M18-011	M22-011
				L	M18-012	M22-012
3 3 Cuspid with hook	0°	+11°	.130"	R	M18-021	M22-021
				L	M18-022	M22-022
3 3 Cuspid	0°	+11°	.130"	R	M18-023	M22-023
				L	M18-024	M22-024
4/5 4/5 Bicuspid with hook	-7°	0°	.125"	R	M18-031	M22-031
				L	M18-032	M22-032
4/5 4/5 Bicuspid	-7°	0°	.125"	U	M18-030	M22-030

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

## Marquis™

Ortho Technology's version of the **McLaughlin, Bennett, & Trevisi Prescription\***

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.022" Slot
1 1 Central	+17°	+5°	.155"	R	320-22-1100
				L	320-22-2100
2 2 Lateral	+10°	+9°	.125"	R	320-22-1200
				L	320-22-2200
3 3 Cuspid with hook	0°	+8°	.134"	R	320-22-1350
				L	320-22-2350
3 3 Cuspid with hook	-7°	+8°	.134"	R	320-22-1310
				L	320-22-2310
4/5 4/5 Bicuspid with hook	-7°	0°	.125"	R	320-22-1900
				L	320-22-2900
4/5 4/5 Bicuspid	-7°	0°	.125"	U	320-22-5900

\*The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

## Marquis™

### Standard Edgewise

## Single Patient Kit Description

### Upper/Lower 5x5

1 kit (20 brackets)

## Individual Brackets

1 pack (10 brackets)

## Patient Kits

### Description

Upper/Lower 5x5 No Hooks

Upper/Lower 5x5 Hooks on Cuspids

Upper/Lower 5x5 Hooks 3, 4, & 5

## Item Numbers

### .018" Slot

M18-1000

M18-1300

M18-1345

### .022" Slot

M22-1000

M22-1300

M22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.100"	U	M18-040	M22-040
3 3 Cuspid with hook	-11°	+5°	.125"	R	M18-051	M22-051
				L	M18-052	M22-052
3 3 Cuspid	-11°	+5°	.125"	R	M18-053	M22-053
				L	M18-054	M22-054
4 4 1st Bicuspid with hook	-17°	0°	.125"	R	M18-061	M22-061
				L	M18-062	M22-062
4 4 1st Bicuspid	-17°	0°	.125"	U	M18-060	M22-060
5 5 2nd Bicuspid with hook	-22°	0°	.125"	R	M18-071	M22-071
				L	M18-072	M22-072
5 5 2nd Bicuspid	-22°	0°	.125"	U	M18-070	M22-070

## Patient Kits

### Description

Upper/Lower 5x5 Hooks on Cuspids

Upper/Lower 5x5 Hooks on 3, 4, & 5

Upper/Lower 5x5 Hooks on Cuspids

Upper/Lower 5x5 Hooks on 3, 4, & 5

## Item Numbers

### .022" Slot

320-22-2010

320-22-2011

320-22-2050†

320-22-2051†

†0° torque on cuspids (3s)

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1/2 1/2 Lower Anterior	-6°	0°	.100"	U	320-22-6800
3 3 Cuspid with hook	-6°	+3°	.134"	R	320-22-3310
				L	320-22-4310
3 3 Cuspid with hook	0°	+3°	.134"	R	320-22-3350
				L	320-22-4350
4 4 1st Bicuspid with hook	-12°	0°	.125"	R	320-22-3410
				L	320-22-4410
4 4 1st Bicuspid	-12°	0°	.125"	U	320-22-6400
5 5 2nd Bicuspid with hook	-17°	0°	.125"	R	320-22-3510
				L	320-22-4510
5 5 2nd Bicuspid	-17°	0°	.125"	U	320-22-6500

## Patient Kits

### Description

Upper/Lower 5x5

## Item Numbers

### .018" Slot

M18-2000

### .022" Slot

M22-2000

Standard Edgewise	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
Centrals	0°	0°	.155"	U	M18-400	M22-400
Laterals	0°	0°	.125"	U	M18-410	M22-410
Cuspids	0°	0°	.130"	U	M18-420	M22-420
Bicuspids	0°	0°	.125"	U	M18-430	M22-430
Lower Anterior	0°	0°	.100"	U	M18-440	M22-440



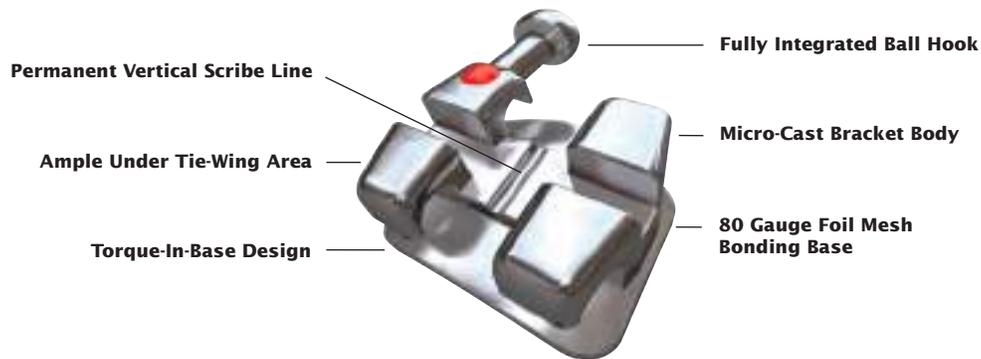
# Bionic™

Stainless Steel Bracket System

Where Form Meets Function for an Intelligent Bracket Design™

MADE IN THE USA

COMPARE TO:  
OmniArch® by DENTSPLY GAC



## Bionic™

Ortho Technology's version of the Roth Prescription\*  
"V" Slot (.025" x .025")

### Patient Kits

Upper/Lower 5x5 No Hooks  
Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks 3, 4, & 5

### Item Numbers

**.018" Slot**    **.022" Slot**  
BV18-1000    BV22-1000  
BV18-1300    BV22-1300  
BV18-1345    BV22-1345

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1  Central	+12°	+5°	.154"	R	B18-501	B22-501
				L	B18-502	B22-502
2  Lateral	+8°	+9°	.125"	R	B18-511	B22-511
				L	B18-512	B22-512
3  Cuspid with hook	0°	+11°	.138"	R	B18-521	B22-521
				L	B18-522	B22-522
3  Cuspid	0°	+11°	.138"	R	B18-523	B22-523
				L	B18-524	B22-524
4/5  Bicuspid with hook	-7°	0°	.130"	R	B18-531	B22-531
				L	B18-532	B22-532
4/5  Bicuspid	-7°	0°	.130"	U	B18-533	B22-533
4/5  Bicuspid with offset	-7°	0°	.130"	U	B18-534	B22-534
4/5  Bicuspid w/hook & offset	-7°	0°	.130"	R	B18-535	B22-535
				L	B18-536	B22-536

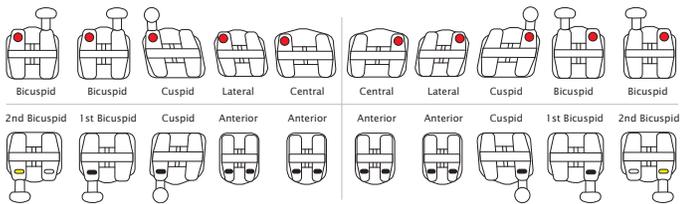
▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2  Lower Anterior	0°	0°	.098"	U	B18-540	B22-540
3  Cuspid with hook	-11°	+5°	.138"	R	B18-551	B22-551
				L	B18-552	B22-552
3  Cuspid	-11°	+5°	.138"	R	B18-553	B22-553
				L	B18-554	B22-554
4  1st Bicuspid with hook	-17°	0°	.130"	R	B18-561	B22-561
				L	B18-562	B22-562
4  1st Bicuspid	-17°	0°	.130"	U	B18-563	B22-563
4  1st Bicuspid with offset	-17°	0°	.130"	U	B18-565	B22-565
4  1st Bicuspid w/hook & offset	-17°	0°	.130"	R	B18-566	B22-566
				L	B18-567	B22-567
5  2nd Bicuspid with hook	-22°	0°	.130"	R	B18-571	B22-571
				L	B18-572	B22-572
5  2nd Bicuspid	-22°	0°	.130"	U	B18-573	B22-573
5  2nd Bicuspid with offset	-22°	0°	.130"	U	B18-575	B22-575
5  2nd Bicuspid w/hook & offset	-22°	0°	.130"	R	B18-576	B22-576
				L	B18-577	B22-577

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

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### Identification System



## Bionic™ Bio-Progressive Ricketts/Hilgers Prescription\*

▲ Maxillary Arch		Torq.	Ang.	Width	R/L	.022" Slot
1   1	Central	+22°	+5°	.154"	R L	B22-201 B22-202
2   2	Lateral	+14°	+9°	.125"	R L	B22-211 B22-212
3   3	Cuspid with hook	+7°	+5°	.138"	R L	B22-221 B22-222
4/5   4/5	Bicuspid	-7°	0°	.130"	U	B22-230
4/5   4/5	Bicuspid with hook	-7°	0°	.130"	R L	B22-231 B22-232
4/5   4/5	Bicuspid w/hook & offset	-7°	0°	.130"	R L	B22-233 B22-234
4/5   4/5	Bicuspid with offset	-7°	0°	.130"	U	B22-237
4/5   4/5	Bicuspid	0°	0°	.130"	U	B22-236
4/5   4/5	Bicuspid with hook	0°	0°	.130"	R L	B22-238 B22-239

\*The Ortho Technology version of the Ricketts/Hilgers prescription is not implied to be an exact version of any other system, nor do we claim any endorsement of their respective doctors.

### Single Patient Kit Description

**Upper/Lower 5x5**  
1 kit (20 brackets)

### Individual Brackets

1 pack (10 brackets)



### Patient Kits

#### Ricketts Configuration

Upper/Lower 5x5 Hooks on Cuspids  
0° torque and 0° angulation on both upper and lower bicuspids

### Item Numbers

#### .022" Slot

B422-1300

#### Hilgers Configuration

Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks 3, 4, & 5

#### .022" Slot

B222-1300

B222-1345

#### Hilgers Offsets Configuration

Upper/Lower 5x5 Hooks on Cuspids  
Upper/Lower 5x5 Hooks 3, 4, & 5

#### .022" Slot

B322-1300

B322-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.022" Slot
1/2   1/2 Lower Anterior	0°	0°	.098"	U	B22-240
3   3 Cuspid with hook	+7°	+5°	.138"	R L	B22-251 B22-252
4   4 1st Bicuspid	-12°	0°	.130"	U	B22-260
4   4 1st Bicuspid with hook	-12°	0°	.130"	R L	B22-261 B22-262
4   4 1st Bicuspid with offset	-12°	0°	.130"	U	B22-267
4   4 1st Bicuspid w/hook & offset	-12°	0°	.130"	R L	B22-263 B22-264
5   5 2nd Bicuspid	-17°	0°	.130"	U	B22-270
5   5 2nd Bicuspid with offset	-17°	0°	.130"	U	B22-277
5   5 2nd Bicuspid with hook	-17°	0°	.130"	R L	B22-271 B22-272
5   5 2nd Bicuspid w/hook & offset	-17°	0°	.130"	R L	B22-273 B22-274
4/5   4/5 Bicuspid	0°	0°	.130"	U	B22-278
4/5   4/5 Bicuspid with hook	0°	0°	.130"	R L	B22-275 B22-276





MADE IN THE USA

# Marquis™ TruGold™

24K Gold Plated Bracket System

Your Complete Source  
for Adding the  
Golden Touch™



- Real 24K gold plating makes brackets significantly brighter than competing bracket systems
- Resistant to wear, peeling, and chipping
- One-piece bracket system



**TRY OUR...**

**TruGold™ 24K Gold  
Plated Archwire**

See page 91



**Single Patient Kit Description**

**Upper/Lower 5x5**

1 kit (20 brackets)

**Individual Brackets**

1 pack (10 brackets)

See pages 46-47 for complete details regarding the Marquis Bracket System



## Marquis™ TruGold™

Ortho Technology's version of the Roth Prescription\*

▲ Maxillary Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1 1 Central	+12°	+5°	.155"	R	GM18-001	GM22-001
				L	GM18-002	GM22-002
2 2 Lateral	+8°	+9°	.125"	R	GM18-011	GM22-011
				L	GM18-012	GM22-012
3 3 Cuspid with hook	0°	+11°	.130"	R	GM18-021	GM22-021
				L	GM18-022	GM22-022
4/5 4/5 Bicuspid with hook	-7°	0°	.125"	R	GM18-031	GM22-031
				L	GM18-032	GM22-032
4/5 4/5 Bicuspid	-7°	0°	.125"	U	GM18-030	GM22-030

**Patient Kits Description**

Upper/Lower 5x5 Hooks Cuspids  
Upper/Lower 5x5 Hooks 3, 4, & 5

**Item Numbers**

.018" Slot	.022" Slot
GM18-1300	GM22-1300
GM18-1345	GM22-1345

▼ Mandibular Arch	Torq.	Ang.	Width	R/L	.018" Slot	.022" Slot
1/2 1/2 Lower Anterior	0°	0°	.100"	U	GM18-040	GM22-040
3 3 Cuspid with hook	-11°	+5°	.125"	R	GM18-051	GM22-051
				L	GM18-052	GM22-052
4 4 1st Bicuspid with hook	-17°	0°	.125"	R	GM18-061	GM22-061
				L	GM18-062	GM22-062
4 4 1st Bicuspid	-17°	0°	.125"	U	GM18-060	GM22-060
5 5 2nd Bicuspid with hook	-22°	0°	.125"	R	GM18-071	GM22-071
				L	GM18-072	GM22-072
5 5 2nd Bicuspid	-22°	0°	.125"	U	GM18-070	GM22-070

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

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## Presentation Typodonts

MADE IN THE USA

Brackets bonded 7 to 7 with archwires with archtubes on upper and lower first and second molars, and clear ligatures in place. Solid tissue colored gingiva base or clear flexibase with tooth tone colored teeth molded separately and inserted in place prior to bonding. The high quality detail makes these hinged typodonts the perfect presentation aid. All typodonts arrive in a hard plastic case with foam insert perfect for safe, protective storage.



Brackets



**Pinnacle®**  
Item #: G50-360



**Votion®**  
Item #: G50-122



**PURE®**  
Item #: G50-105



**Spider Screw®**  
Item #: G50-801



**Lotus Plus® DS**  
Item #: G50-640



**Marquis™ TruGold  
24K Gold Plated**  
Item #: G50-142



**Flexibase Ideal Occlusion**  
Item #: G50-154



**TruEase™ Mini**  
Item #: G50-000

**Avalon®  
Metal-Lined Composite** .....G50-203

**Bionic™  
Stainless Steel**.....G50-205

**Encore!™  
Metal-Lined Ceramic**.....G50-170

**Eruption Appliance  
24k Gold Eyelet and Traction Chain  
Stainless Steel Brackets**.....G50-205EA

**Flexibase Ideal Occlusion  
with Rooted Teeth** ..... G50-154

**Lotus Plus® DS  
Self-Ligating Typodonts**  
**Passive** .....G50-630  
**Interactive**.....G50-640  
**Hybrid**.....G50-650

**Marquis™  
Stainless Steel**.....G50-140

**Marquis™  
TruGold™** .....G50-142

**OrthoFlex™  
Composite** .....G50-201

**Pinnacle®  
Stainless Steel**.....G50-360

**Plain Typodonts**  
*Bondable tooth surface*  
Ideal Occlusion .....G50-110  
Class I Crowded.....G50-120  
Class II Division I Maloccluded .....G50-152  
Class II Division II Maloccluded .....G50-151  
Class III Maloccluded .....G50-150

**PURE®  
Sapphire** .....G50-105

**Reflections™  
Ceramic**.....G50-130

**Sensation™  
Active Ceramic Self-Ligating**.....G50-109

**Sensation™ M  
Active Stainless Steel Self-Ligating** ..... G50-119

**Spider Screw® System** .....G50-801

**TruEase™  
Bite Corrector Typodonts**  
**Anchor Wire** .....G31-023  
**Double Lock** .....G31-024  
**Combination** .....G31-025

**TruEase™ Mini**.....G50-000

**Votion®  
Stainless Steel**.....G50-122



# BUCCAL TUBES & MOLAR BANDS

TRUFIT™ 2.0

TRUEASE™

VOTION®

TRUCAST™

■ TruFit™ 2.0	P. 55-67
Bondable Buccal Tubes	P. 55-57
Weldable Buccal Tubes	P. 58-59
Molar Bands	P. 60
Prewelded Band & Tube Assemblies	P. 61-64
Prewelded Band & Tube Assembly Starter Kits	P. 65
Molar Band Conversion Chart	P. 66-67
■ Prewelded & Bondable Lingual Attachments	P. 68
■ Bicuspid Bands	P. 69
■ Weldable Bicuspid Brackets	P. 69
■ TruEase™ Bondable Buccal Tubes	P. 70
■ Votion® Bondable Buccal Tubes	P. 71
■ TruCast™ Bondable Buccal Tubes	P. 72



# TruFit™ 2.0

## Bondable Maxillary Buccal Tubes

- Available in the most popular prescriptions
- The first molar gingival ball hooks hold elastics and springs securely
- Designed with the latest technology for patient comfort

**Improved Low-Profile Design**  
Reduces occlusal interference

**Anatomical Design**  
Conforms to the tooth

**80 Gauge Mesh Pad**  
For improved bond adhesion

**Smooth and Rounded Hooks**  
For maximum patient comfort



**Maxillary Single Convertible**



**Maxillary Double Convertible**  
.018" x .025" Auxiliary Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-10°	+10°	-	.018"	492-11-2610	492-11-1610
	-10°	+10°	-	.022"	492-12-2610	492-12-1610
<b>R</b>	-14°	+14°	-	.018"	492-91-2610	492-91-1610
	-14°	+14°	-	.022"	492-92-2610	492-92-1610
<b>M</b>	-14°	+10°	-	.018"	492-21-2610	492-21-1610
	-14°	+10°	-	.022"	492-22-2610	492-22-1610
1 pack (10 tubes)						

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-10°	+10°	-	.018"	492-11-2631	492-11-1631
	-10°	+10°	-	.022"	492-12-2631	492-12-1631
<b>R</b>	-14°	+14°	-	.018"	492-91-2631	492-91-1631
	-14°	+14°	-	.022"	492-92-2631	492-92-1631
1 pack (10 tubes)						



**Maxillary Combination Convertible**  
Gingival Headgear Tube



**Maxillary Combination Convertible**  
Occlusal Headgear Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-10°	+10°	.045"	.018"	492-11-2671	492-11-1671
	-10°	+10°	.045"	.022"	492-12-2671	492-12-1671
<b>R</b>	-14°	+14°	.045"	.018"	492-91-2671	492-91-1671
	-14°	+14°	.045"	.022"	492-92-2671	492-92-1671
<b>M</b>	-14°	+10°	.045"	.018"	492-21-2671	492-21-1671
	-14°	+10°	.045"	.022"	492-22-2671	492-22-1671
1 pack (10 tubes)						

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-10°	+10°	.045"	.018"	492-11-2672	492-11-1672
	-10°	+10°	.045"	.022"	492-12-2672	492-12-1672
<b>R</b>	-14°	+14°	.045"	.018"	492-91-2672	492-91-1672
	-14°	+14°	.045"	.022"	492-92-2672	492-92-1672
<b>M</b>	-14°	+10°	.045"	.018"	492-21-2672	492-21-1672
	-14°	+10°	.045"	.022"	492-22-2672	492-22-1672
<b>S</b>	0°	0°	.045"	.018"	492-51-2672	492-51-1672
	0°	0°	.045"	.022"	492-52-2672	492-52-1672
1 pack (10 tubes)						

**R** The Ortho Technology version of the Roth Rx\*

**M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*

**S** Standard Edgewise Rx

\*The Ortho Technology versions of these prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

© 2018 Ortho Technology, Inc. TruFit is a trademark of Ortho Technology. Due to our ongoing efforts to update and improve our buccal tube designs, the product you receive may vary slightly from those depicted. †Bases are non-etched.

# BUCCAL TUBES



## Maxillary Triple Convertible

Occlusal Headgear Tube  
.018" x .025" Auxiliary Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-10°	+10°	.045"	.018"	492-11-2652	492-11-1652
	-10°	+10°	.045"	.022"	492-12-2652	492-12-1652
<b>R</b>	-14°	+14°	.045"	.018"	492-91-2652	492-91-1652
	-14°	+14°	.045"	.022"	492-92-2652	492-92-1652
<b>M</b>	-14°	+10°	.045"	.018"	492-21-2652	492-21-1652
	-14°	+10°	.045"	.022"	492-22-2652	492-22-1652
1 pack (10 tubes)						



## Maxillary Combination Non-Convertible

Occlusal Headgear Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-10°	+8°	.045"	.018"	492-11-2682	492-11-1682
	-10°	+8°	.045"	.022"	492-12-2682	492-12-1682
<b>S</b>	0°	0°	.045"	.018"	492-51-2682	492-51-1682
	0°	0°	.045"	.022"	492-52-2682	492-52-1682
1 pack (10 tubes)						



## Maxillary 1st or 2nd Molar Single Non-Convertible

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-10°	+8°	-	.018"	-	-
	-10°	+8°	-	.022"	-	-
<b>R</b>	-10°	+10°	-	.018"	492-11-2020	492-11-1020
	-10°	+10°	-	.022"	492-12-2020	492-12-1020
<b>R</b>	-14°	+14°	-	.018"	492-91-2020	492-91-1020
	-14°	+14°	-	.022"	492-92-2020	492-92-1020
<b>M</b>	-14°	+10°	-	.018"	492-21-2020	492-21-1020
	-14°	+10°	-	.022"	492-22-2020	492-22-1020
<b>S</b>	0°	0°	-	.018"	492-51-2020	492-51-1020
	0°	0°	-	.022"	492-52-2020	492-52-1020
1 pack (10 tubes)						

Bondable	
Left	Right
492-11-2023	492-11-1023
492-12-2023	492-12-1023
-	-
-	-
-	-
492-21-2023	492-21-1023
492-22-2023	492-22-1023
492-51-2023	492-51-1023
492-52-2023	492-52-1023

**R** The Ortho Technology version of the Roth Rx\*

**M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*

**S** Standard Edgewise Rx



\*The Ortho Technology versions of these prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.



## Bondable Mandibular Buccal Tubes



**Mandibular 1st or 2nd Molar Single Non-Convertible**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-25°	+5°	-	.018"	-	-
	-25°	+5°	-	.022"	-	-
<b>R</b>	-25°	+4°	-	.018"	492-91-4020	492-91-3020
	-25°	+4°	-	.022"	492-92-4020	492-92-3020
<b>M</b>	-10°	0°	-	.018"	492-21-4020	492-21-3020
	-10°	0°	-	.022"	492-22-4020	492-22-3020
<b>S</b>	0°	0°	-	.018"	492-51-4020	492-51-3020
	0°	0°	-	.022"	492-52-4020	492-52-3020
1 pack (10 tubes)						

Bondable	
Left	Right
492-11-4023	492-11-3023
492-12-4023	492-12-3023
-	-
-	-
492-21-4023	492-21-3023
492-22-4023	492-22-3023
492-51-4023	492-51-3023
492-52-4023	492-52-3023

### TruFit 2.0 Bases



**1 Rectangular Base**



**2 Large Base**



**3 Short Base**

Buccal Tubes



**Mandibular Lip Bumper Convertible Gingival Tube**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-25°	+4°	.045"	.018"	492-91-4691	492-91-3691
	-25°	+4°	.045"	.022"	492-92-4691	492-92-3691
1 pack (10 tubes)						



**Mandibular Double Convertible**  
.018" x .025" Auxiliary Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-25°	+4°	-	.018"	492-91-4631	492-91-3631
	-25°	+4°	-	.022"	492-92-4631	492-92-3631
<b>M</b>	-20°	0°	-	.018"	492-21-4631	492-21-3631
	-20°	0°	-	.022"	492-22-4631	492-22-3631
1 pack (10 tubes)						



**Mandibular Single Convertible**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Bondable	
					Left	Right
<b>R</b>	-25°	+4°	-	.018"	492-91-4610	492-91-3610
	-25°	+4°	-	.022"	492-92-4610	492-92-3610
<b>M</b>	-20°	0°	-	.018"	492-21-4610	492-21-3610
	-20°	0°	-	.022"	492-22-4610	492-22-3610
1 pack (10 tubes)						

© 2018 Ortho Technology, Inc. TruFit is a trademark of Ortho Technology. Due to our ongoing efforts to update and improve our buccal tube designs, the product you receive may vary slightly from those depicted.

# TruFit™ 2.0

Prewelded free of charge  
on TruFit 2.0 Molar Bands  
See page 60

- Available loose or prewelded
- 3.5 mm mesial/distal measurement

## Weldable Buccal Tubes



**Maxillary  
Single Convertible**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-10°	+10°	-	.018"	490-11-2610	490-11-1610
	-10°	+10°	-	.022"	490-12-2610	490-12-1610
<b>R</b>	-14°	+14°	-	.018"	490-91-2610	490-91-1610
	-14°	+14°	-	.022"	490-92-2610	490-92-1610
<b>M</b>	-14°	+10°	-	.018"	490-21-2610	490-21-1610
	-14°	+10°	-	.022"	490-22-2610	490-22-1610
1 pack (10 tubes)						



**Maxillary  
Combination Convertible  
Gingival Headgear Tube**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-10°	+10°	.045"	.018"	490-11-2671	490-11-1671
	-10°	+10°	.045"	.022"	490-12-2671	490-12-1671
<b>R</b>	-14°	+14°	.045"	.018"	490-91-2671	490-91-1671
	-14°	+14°	.045"	.022"	490-92-2671	490-92-1671
<b>M</b>	-14°	+10°	.045"	.018"	490-21-2671	490-21-1671
	-14°	+10°	.045"	.022"	490-22-2671	490-22-1671
1 pack (10 tubes)						



**Maxillary  
Double Convertible**  
.018" x .025" Auxiliary Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-10°	+10°	-	.018"	490-11-2631	490-11-1631
	-10°	+10°	-	.022"	490-12-2631	490-12-1631
<b>R</b>	-14°	+14°	-	.018"	490-91-2631	490-91-1631
	-14°	+14°	-	.022"	490-92-2631	490-92-1631
1 pack (10 tubes)						



**Maxillary 1st or  
2nd Molar Single  
Non-Convertible**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-10°	+10°	-	.018"	490-11-2020	490-11-1020
	-10°	+10°	-	.022"	490-12-2020	490-12-1020
<b>R</b>	-14°	+14°	-	.018"	490-91-2020	490-91-1020
	-14°	+14°	-	.022"	490-92-2020	490-92-1020
<b>M</b>	-14°	+10°	-	.018"	490-21-2020	490-21-1020
	-14°	+10°	-	.022"	490-22-2020	490-22-1020
<b>S</b>	0°	0°	-	.018"	490-51-2020	490-51-1020
	0°	0°	-	.022"	490-52-2020	490-52-1020
1 pack (10 tubes)						



**Maxillary  
Combination Convertible  
Occlusal Headgear Tube**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-10°	+10°	.045"	.018"	490-11-2672	490-11-1672
	-10°	+10°	.045"	.022"	490-12-2672	490-12-1672
<b>R</b>	-14°	+14°	.045"	.018"	490-91-2672	490-91-1672
	-14°	+14°	.045"	.022"	490-92-2672	490-92-1672
<b>M</b>	-14°	+10°	.045"	.018"	490-21-2672	490-21-1672
	-14°	+10°	.045"	.022"	490-22-2672	490-22-1672
<b>S</b>	0°	0°	.045"	.018"	490-51-2672	490-51-1672
	0°	0°	.045"	.022"	490-52-2672	490-52-1672
1 pack (10 tubes)						

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# TruFit™ 2.0

## Weldable Buccal Tubes



### Maxillary Triple Convertible Occlusal Headgear Tube

.018" x .025" Auxiliary Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-10°	+10°	.045"	.018"	490-11-2652	490-11-1652
	-10°	+10°	.045"	.022"	490-12-2652	490-12-1652
<b>R</b>	-14°	+14°	.045"	.018"	490-91-2652	490-91-1652
	-14°	+14°	.045"	.022"	490-92-2652	490-92-1652
<b>M</b>	-14°	+10°	.045"	.018"	490-21-2652	490-21-1652
	-14°	+10°	.045"	.022"	490-22-2652	490-22-1652
1 pack (10 tubes)						



### Maxillary Combination Non-Convertible Occlusal Headgear Tube

Occlusal Headgear Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-10°	+8°	.045"	.018"	490-11-2682	490-11-1682
	-10°	+8°	.045"	.022"	490-12-2682	490-12-1682
<b>M</b>	-14°	+10°	.045"	.018"	490-21-2682	490-21-1682
	-14°	+10°	.045"	.022"	490-22-2682	490-22-1682
<b>S</b>	0°	0°	.045"	.018"	490-51-2682	490-51-1682
	0°	0°	.045"	.022"	490-52-2682	490-52-1682
<b>S</b>	0°	+8°	.045"	.018"	490-41-2682	490-41-1682
	0°	+8°	.045"	.022"	490-42-2682	490-42-1682
1 pack (10 tubes)						

**R** The Ortho Technology version of the Roth Rx\*

**S** Standard Edgewise Rx

**M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*



### Mandibular Lip Bumper Convertible

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-25°	+4°	.045"	.018"	490-91-4691	490-91-3691
	-25°	+4°	.045"	.022"	490-92-4691	490-92-3691
1 pack (10 tubes)						



### Mandibular Single Convertible

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-25°	+4°	-	.018"	490-91-4610	490-91-3610
	-25°	+4°	-	.022"	490-92-4610	490-92-3610
<b>M</b>	-20°	0°	-	.018"	490-21-4610	490-21-3610
	-20°	0°	-	.022"	490-22-4610	490-22-3610
1 pack (10 tubes)						



### Mandibular 1st or 2nd Molar Single Non-Convertible

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-25°	+4°	-	.018"	490-91-4020	490-91-3020
	-25°	+4°	-	.022"	490-92-4020	490-92-3020
<b>M</b>	-10°	0°	-	.018"	490-21-4020	490-21-3020
	-10°	0°	-	.022"	490-22-4020	490-22-3020
<b>S</b>	0°	0°	-	.018"	490-51-4020	490-51-3020
	0°	0°	-	.022"	490-52-4020	490-52-3020
1 pack (10 tubes)						



### Mandibular Double Convertible

.018" x .025" Auxiliary Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Weldable	
					Left	Right
<b>R</b>	-25°	+4°	-	.018"	490-91-4631	490-91-3631
	-25°	+4°	-	.022"	490-92-4631	490-92-3631
<b>M</b>	-20°	0°	-	.018"	490-21-4631	490-21-3631
	-20°	0°	-	.022"	490-22-4631	490-22-3631
1 pack (10 tubes)						



\*The Ortho Technology versions of these prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.



# TruFit™ 2.0

## Molar Bands

Available Loose or Prewelded  
with Our Free Prewelding Service

Molar Bands

- Rolled Edges**  
No sharp edges for maximum patient comfort
- Straight Interproximal Wall**  
Makes band seating easy
- Permanent Marking**  
For easy identification
- Micro-Etched Interior Surface**  
Ensures maximum retention  
**No Extra Charge!**

**MADE IN THE USA**



### Plain Molar Bands

Quadrant	1st Molars	2nd Molars
UR	495-00-1600-000	495-00-1700-000
UL	495-00-2600-000	495-00-2700-000
LR	495-00-3600-000	495-00-3700-000
LL	495-00-4600-000	495-00-4700-000
1 band		

### Precision Preweld Position Buccal Attachments to Molar Bands



Upper Molar

Entrance to buccal tube will bisect the mesial/buccal cusp

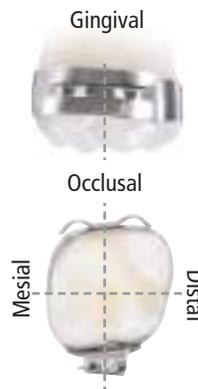


Lower Molar

### TruFit 2.0 Molar Band Features

- **Shaped for a Precise, Tight Fit on Every Tooth**  
Each band has precision shaped tooth anatomy for a tight secure fit with excellent retention.
- **Medium Temper Malleable Stainless Steel Finished to a Brilliant Mirror Luster**  
TruFit 2.0 stainless steel bands are strong enough to avoid wall collapses while being malleable enough for snap fittings that require little to no burnishing.
- **Laser Etched Exterior Identification System with Micro-Etched Interior**  
TruFit 2.0 bands display an exterior laser etched identification system for easy product selection. The interior is micro-etched to increase bond strength and retention.
- **Band Sizes Available From 29.5 to 44**  
See pages 66-67 for our band conversion chart.

### Lingual Cleat Attachments Centered on Molar Bands





# Maxillary Prewelded Band and Tube Assemblies

Available With or Without Lingual Cleat

MADE IN THE USA



**Maxillary Single Convertible**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-10°	+10°	-	.018"	493-11-2610-000	493-11-1610-000	491-11-2610-000	491-11-1610-000
	-10°	+10°	-	.022"	493-12-2610-000	493-12-1610-000	491-12-2610-000	491-12-1610-000
<b>R</b>	-14°	+14°	-	.018"	493-91-2610-000	493-91-1610-000	491-91-2610-000	491-91-1610-000
	-14°	+14°	-	.022"	493-92-2610-000	493-92-1610-000	491-92-2610-000	491-92-1610-000
<b>M</b>	-14°	+10°	-	.018"	493-21-2610-000	493-21-1610-000	491-21-2610-000	491-21-1610-000
	-14°	+10°	-	.022"	493-22-2610-000	493-22-1610-000	491-22-2610-000	491-22-1610-000
Individual Assemblies								



**Maxillary Combination Convertible Occlusal Headgear Tube**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-10°	+10°	.045"	.018"	493-11-2672-000	493-11-1672-000	491-11-2672-000	491-11-1672-000
	-10°	+10°	.045"	.022"	493-12-2672-000	493-12-1672-000	491-12-2672-000	491-12-1672-000
<b>R</b>	-14°	+14°	.045"	.018"	493-91-2672-000	493-91-1672-000	491-91-2672-000	491-91-1672-000
	-14°	+14°	.045"	.022"	493-92-2672-000	493-92-1672-000	491-92-2672-000	491-92-1672-000
<b>M</b>	-14°	+10°	.045"	.018"	493-21-2672-000	493-21-1672-000	491-21-2672-000	491-21-1672-000
	-14°	+10°	.045"	.022"	493-22-2672-000	493-22-1672-000	491-22-2672-000	491-22-1672-000
<b>S</b>	0°	0°	.045"	.018"	493-51-2672-000	493-51-1672-000	491-51-2672-000	491-51-1672-000
	0°	0°	.045"	.022"	493-52-2672-000	493-52-1672-000	491-52-2672-000	491-52-1672-000
Individual Assemblies								



**Maxillary Combination Convertible Gingival Headgear Tube**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-10°	+10°	.045"	.018"	493-11-2671-000	493-11-1671-000	491-11-2671-000	491-11-1671-000
	-10°	+10°	.045"	.022"	493-12-2671-000	493-12-1671-000	491-12-2671-000	491-12-1671-000
<b>R</b>	-14°	+14°	.045"	.018"	493-91-2671-000	493-91-1671-000	491-91-2671-000	491-91-1671-000
	-14°	+14°	.045"	.022"	493-92-2671-000	493-92-1671-000	491-92-2671-000	491-92-1671-000
<b>M</b>	-14°	+10°	.045"	.018"	493-21-2671-000	493-21-1671-000	491-21-2671-000	491-21-1671-000
	-14°	+10°	.045"	.022"	493-22-2671-000	493-22-1671-000	491-22-2671-000	491-22-1671-000
Individual Assemblies								

**R** The Ortho Technology version of the Roth Rx\*

**M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*

**S** Standard Edgewise Rx

\*The Ortho Technology versions of these prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

© 2018 Ortho Technology, Inc. TruFit is a trademark of Ortho Technology. Sizes start at 29.5 up to 44. See band size conversion chart on pages 66-67 for specific details. Additional assemblies available. Custom orders also offered. Allow 3-4 weeks for delivery. †Lingual Sheaths are an additional cost. All bands are supplied with standard weld position unless custom ordered. Custom orders are final and cannot be returned. Due to our ongoing efforts to update and improve our buccal tube designs, the product you receive may vary slightly from those depicted.



Molar Bands

# TruFit™ 2.0

**Our Most Popular Assemblies are In-Stock and Ready for Same Day Shipment!**

Ask your Sales Representative about our Price-Lock Program



Additional Assemblies Available



## Maxillary Prewelded Band and Tube Assemblies

Available With or Without Lingual Cleat

Molar Bands



**Maxillary 1st Molar Single Non-Convertible**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-10°	+10°	-	.018"	493-11-2620-000	493-11-1620-000	491-11-2620-000	491-11-1620-000
	-10°	+10°	-	.022"	493-12-2620-000	493-12-1620-000	491-12-2620-000	491-12-1620-000
<b>R</b>	-14°	+14°	-	.018"	493-91-2620-000	493-91-1620-000	491-91-2620-000	491-91-1620-000
	-14°	+14°	-	.022"	493-92-2620-000	493-92-1620-000	491-92-2620-000	491-92-1620-000
<b>M</b>	-14°	+10°	-	.018"	493-21-2620-000	493-21-1620-000	491-21-2620-000	491-21-1620-000
	-14°	+10°	-	.022"	493-22-2620-000	493-22-1620-000	491-22-2620-000	491-22-1620-000
<b>S</b>	0°	0°	-	.018"	493-51-2620-000	493-51-1620-000	491-51-2620-000	491-51-1620-000
	0°	0°	-	.022"	493-52-2620-000	493-52-1620-000	491-52-2620-000	491-52-1620-000
Individual Assemblies								



**Maxillary 2nd Molar Single Non-Convertible**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-10°	+10°	-	.018"	493-11-2720-000	493-11-1720-000	491-11-2720-000	491-11-1720-000
	-10°	+10°	-	.022"	493-12-2720-000	493-12-1720-000	491-12-2720-000	491-12-1720-000
<b>R</b>	-14°	+14°	-	.018"	493-91-2720-000	493-91-1720-000	491-91-2720-000	491-91-1720-000
	-14°	+14°	-	.022"	493-92-2720-000	493-92-1720-000	491-92-2720-000	491-92-1720-000
<b>M</b>	-14°	+10°	-	.018"	493-21-2720-000	493-21-1720-000	491-21-2720-000	491-21-1720-000
	-14°	+10°	-	.022"	493-22-2720-000	493-22-1720-000	491-22-2720-000	491-22-1720-000
<b>S</b>	0°	0°	-	.018"	493-51-2720-000	493-51-1720-000	491-51-2720-000	491-51-1720-000
	0°	0°	-	.022"	493-52-2720-000	493-52-1720-000	491-52-2720-000	491-52-1720-000
Individual Assemblies								



**Maxillary Double Convertible**

.018" x .025" Auxiliary Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-10°	+10°	-	.018"	493-11-2631-000	493-11-1631-000	491-11-2631-000	491-11-1631-000
	-10°	+10°	-	.022"	493-12-2631-000	493-12-1631-000	491-12-2631-000	491-12-1631-000
<b>R</b>	-14°	+14°	-	.018"	493-91-2631-000	493-91-1631-000	491-91-2631-000	491-91-1631-000
	-14°	+14°	-	.022"	493-92-2631-000	493-92-1631-000	491-92-2631-000	491-92-1631-000
Individual Assemblies								



**Our Most Popular Assemblies are In-Stock and Ready for Same Day Shipment!**

**Additional Assemblies Available**



Ask your Sales Representative about our Price-Lock Program



## Maxillary Prewelded Band and Tube Assemblies

Available With or Without Lingual Cleat



**Maxillary Triple Convertible Occlusal Headgear Tube with Hook**

.018" x .025" Auxiliary Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-10°	+10°	.045"	.018"	493-11-2652-000	493-11-1652-000	491-11-2652-000	491-11-1652-000
	-10°	+10°	.045"	.022"	493-12-2652-000	493-12-1652-000	491-12-2652-000	491-12-1652-000
<b>R</b>	-14°	+14°	.045"	.018"	493-91-2652-000	493-91-1652-000	491-91-2652-000	491-91-1652-000
	-14°	+14°	.045"	.022"	493-92-2652-000	493-92-1652-000	491-92-2652-000	491-92-1652-000
<b>M</b>	-14°	+10°	.045"	.018"	493-21-2652-000	493-21-1652-000	491-21-2652-000	491-21-1652-000
	-14°	+10°	.045"	.022"	493-22-2652-000	493-22-1652-000	491-22-2652-000	491-22-1652-000
Cleat Individual Assemblies								

<b>R</b>	-10°	+10°	.045"	.018"	496-11-2652-000	496-11-1652-000	-	-
	-10°	+10°	.045"	.022"	496-12-2652-000	496-12-1652-000	-	-
With Lingual Sheath Individual Assemblies								



**Maxillary Combination Non-Convertible With Occlusal Headgear Tube**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-10°	+8°	.045"	.018"	493-11-2682-000	493-11-1682-000	491-11-2682-000	491-11-1682-000
	-10°	+8°	.045"	.022"	493-12-2682-000	493-12-1682-000	491-12-2682-000	491-12-1682-000
<b>M</b>	-14°	+10°	.045"	.018"	493-21-2682-000	493-21-1682-000	491-21-2682-000	491-21-1682-000
	-14°	+10°	.045"	.022"	493-22-2682-000	493-22-1682-000	491-22-2682-000	491-22-1682-000
<b>S</b>	0°	0°	.045"	.018"	493-51-2682-000	493-51-1682-000	491-51-2682-000	491-51-1682-000
	0°	0°	.045"	.022"	493-52-2682-000	493-52-1682-000	491-52-2682-000	491-52-1682-000
<b>S</b>	0°	+8°	.045"	.018"	493-41-2682-000	493-41-1682-000	491-41-2682-000	491-41-1682-000
	0°	+8°	.045"	.022"	493-42-2682-000	493-42-1682-000	491-42-2682-000	491-42-1682-000
Individual Assemblies								

**R** The Ortho Technology version of the Roth Rx\*

**M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*

**S** Standard Edgewise Rx

\*The Ortho Technology versions of these prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

© 2018 Ortho Technology, Inc. TruFit is a trademark of Ortho Technology. Sizes start at 29.5 up to 44. See band size conversion chart on pages 66-67 for specific details. Additional assemblies available. Custom orders also offered. Allow 3-4 weeks for delivery. †Lingual Sheaths are an additional cost. All bands are supplied with standard weld position unless custom ordered. Custom orders are final and cannot be returned. Due to our ongoing efforts to update and improve our buccal tube designs, the product you receive may vary slightly from those depicted.



## Mandibular Prewelded Band and Tube Assemblies

Available With or Without Lingual Cleat

MADE IN THE USA



**Mandibular 1st Molar Single Non-Convertible**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-25°	+4°	-	.018"	493-91-4620-000	493-91-3620-000	491-91-4620-000	491-91-3620-000
	-25°	+4°	-	.022"	493-92-4620-000	493-92-3620-000	491-92-4620-000	491-92-3620-000
<b>M</b>	-10°	0°	-	.018"	493-21-4620-000	493-21-3620-000	491-21-4620-000	491-21-3620-000
	-10°	0°	-	.022"	493-22-4620-000	493-22-3620-000	491-22-4620-000	491-22-3620-000
<b>S</b>	0°	0°	-	.018"	493-51-4620-000	493-51-3620-000	491-51-4620-000	491-51-3620-000
	0°	0°	-	.022"	493-52-4620-000	493-52-3620-000	491-52-4620-000	491-52-3620-000
Individual Assemblies								



**Mandibular 2nd Molar Single Non-Convertible**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-25°	+4°	-	.018"	493-91-4720-000	493-91-3720-000	491-91-4720-000	491-91-3720-000
	-25°	+4°	-	.022"	493-92-4720-000	493-92-3720-000	491-92-4720-000	491-92-3720-000
<b>M</b>	-10°	0°	-	.018"	493-21-4720-000	493-21-3720-000	491-21-4720-000	491-21-3720-000
	-10°	0°	-	.022"	493-22-4720-000	493-22-3720-000	491-22-4720-000	491-22-3720-000
<b>S</b>	0°	0°	-	.018"	493-51-4720-000	493-51-3720-000	491-51-4720-000	491-51-3720-000
	0°	0°	-	.022"	493-52-4720-000	493-52-3720-000	491-52-4720-000	491-52-3720-000
Individual Assemblies								



**Mandibular Single Convertible**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-25°	+4°	-	.018"	493-91-4610-000	493-91-3610-000	491-91-4610-000	491-91-3610-000
	-25°	+4°	-	.022"	493-92-4610-000	493-92-3610-000	491-92-4610-000	491-92-3610-000
<b>M</b>	-20°	0°	-	.018"	493-21-4610-000	493-21-3610-000	491-21-4610-000	491-21-3610-000
	-20°	0°	-	.022"	493-22-4610-000	493-22-3610-000	491-22-4610-000	491-22-3610-000
Individual Assemblies								



**Mandibular Double Convertible**  
.018" x .025" Auxiliary Tube

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-25°	+4°	-	.018"	493-91-4631-000	493-91-3631-000	491-91-4631-000	491-91-3631-000
	-25°	+4°	-	.022"	493-92-4631-000	493-92-3631-000	491-92-4631-000	491-92-3631-000
<b>M</b>	-20°	0°	-	.018"	493-21-4631-000	493-21-3631-000	491-21-4631-000	491-21-3631-000
	-20°	0°	-	.022"	493-22-4631-000	493-22-3631-000	491-22-4631-000	491-22-3631-000
Individual Assemblies								



**Mandibular Lip Bumper Convertible**

	Slot Torque	Distal Offset	Lip Bumper	Slot Size	With Lingual Cleat		Without Lingual Cleat	
					Left	Right	Left	Right
<b>R</b>	-25°	+4°	.045"	.018"	493-91-4691-000	493-91-3691-000	491-91-4691-000	491-91-3691-000
	-25°	+4°	.045"	.022"	493-92-4691-000	493-92-3691-000	491-92-4691-000	491-92-3691-000
Individual Assemblies								

# TruFit™ 2.0

We've Pre-Selected the Most Popular Sizes with the Most Popular Buccal Tubes to Get You Started!

## Assembly Starter Kits

Ask your Sales Representative for Details



MADE IN THE USA



**Maxillary Single Convertible with Lingual Cleats**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Starter Kit
<b>R</b>	-10°	+10°	-	.018"	493-11-1910-080
	-10°	+10°	-	.022"	493-12-1910-080
<b>M</b>	-14°	+10°	-	.018"	493-21-1910-080
	-14°	+10°	-	.022"	493-22-1910-080
1 kit (80 assemblies)					



**Maxillary Combination Convertible with Lingual Cleats**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Starter Kit
<b>R</b>	-10°	+10°	.045"	.018"	493-11-1970-080
	-10°	+10°	.045"	.022"	493-12-1970-080
<b>M</b>	-14°	+10°	.045"	.018"	493-21-1970-080
	-14°	+10°	.045"	.022"	493-22-1970-080
1 kit (80 assemblies)					



**Mandibular Single Convertible with Lingual Cleats**

	Slot Torque	Distal Offset	Headgear Tube	Slot Size	Starter Kit
<b>R</b>	-25°	+4°	-	.018"	493-11-1010-080
	-25°	+4°	-	.022"	493-12-1010-080
<b>M</b>	-20°	0°	-	.018"	493-21-1010-080
	-20°	0°	-	.022"	493-22-1010-080
1 kit (80 assemblies)					

**R** The Ortho Technology version of the Roth Rx\*    **M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*

\*The Ortho Technology versions of these prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.



Each Starter Kit Includes 40 Left and 40 Right Assemblies

**TruFit™ 2.0 Band and Tube Assembly Starter Kits**  
Includes: 40 left and 40 right band & tube assemblies with lingual cleats, 2x band tray organizers dimensions 11 ¼" W x 1 ½" H x 8 ¼" D

• 2 Stackable Band Organizers included with your purchase

Starter Kits Included	34.5	35	35.5	36	36.5	37	37.5	38	38.5	39	39.5	40
Left Side	2	2	2	4	4	5	5	5	4	3	2	2
Right Side	2	2	2	4	4	5	5	5	4	3	2	2

Bands Sizes are Available From 29.5 to 44

**BAND SIZE CONVERSION TRAYS** Included With Your Order



Ask Your Account Representative For Details

© 2018 Ortho Technology, Inc. TruFit is a trademark of Ortho Technology. Due to our ongoing efforts to update and improve our buccal tube designs, the product you receive may vary slightly from those depicted.

## Converting to Ortho Technology's TruFit™ 2.0 Molar Bands is Easy!



### No Need to Learn New Band Sizes

When you convert to TruFit™ 2.0

Regardless of the brand being currently used in your practice when you convert to TruFit 2.0, we will label our band trays with your current sizing, eliminating the need to learn our sizes and leaving your workflow unchanged.

**BAND SIZE  
CONVERSION TRAYS  
INCLUDED WITH  
YOUR ORDER**

*Ask Your Sales Representative for Details*

### Upper First and Second Molar Band Sizes

Ortho Technology			29.5		30	30.5		31		31.5	32	32.5	33	33.5	34	34.5	35	35.5	36		36.5					
American MR Full Sizes			1	2	3			5	6	7	8	9	10	11		12	13	14	15		17	18	19			
American MR 1/2 Sizes										1.5	2			2.5	3		3.5	4		4.5	5	5.5	6			
Dentaurum Dentaform		2	3	4		5	6		7	8	9	10	11	12		13	14	15	16	17	18	19	20			
GAC-SnapFit				1		2			3	4	5	6		7	8	9	10	11	12	13		14				
Ormco			1		2	3		4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19		
RMO Truform	1	2	3	4	5		6		7		8	9	10		11	12		13		14	15	16	17	18		
TP GripTite				00		0		1	2		3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Unitek Victory Series			29.5		30	30.5		31		31.5	32	32.5	33	33.5	34	34.5	35	35.5	36					36.5		

### Lower First Molar Band Sizes

Ortho Technology			29.5		30		30.5	31	31.5	32	32.5	33		33.5	34	34.5	35	35.5		36						
American MR Full Sizes					1		2	3	4	5	6	7	8	9	10	11	12	13	14		16	17	18			
American MR 1/2 Sizes									1.5	2	2.5			3		3.5		4	4.5	5						
Dentaurum Dentaform			3	4		5	6	7	8	9	10	11	12		13	14		15	16		17	18	19	20	21	22
GAC-SnapFit				1				2		3	4	5	6			7	8	9	10		11	12	13			
Ormco			1						5	6	7	8	9		10	11	12	13	14	15	16	17	18			
RMO Truform	1	2	3		4	5		6	7		8	9	10		11	12		13	14		15	16	17			
TP GripTite					00		0	1	2		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Unitek Victory Series			29.5		30		30.5	31	31.5	32	32.5	33		33.5	34	34.5	35	35.5		36					36	

### Lower Second Molar Band Sizes

Ortho Technology			29.5	30		30.5	31	31.5	32	32.5	33	33.5	34	34.5	35	35.5	36	36.5	37								
American MR Full Sizes				1	2			4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20		
American MR 1/2 Sizes								1.5	2	2.5		3	3.5			4	4.5		5	5.5	6	6.5	7	7.5			
Dentaurum Dentaform				1	2		3	4	5		6	7	8	9	10		11	12	13		14	15	16	17	18	19	20
GAC-SnapFit	1	2	3	4		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21					
Ormco			1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				
RMO Truform							7	8	9	10	11		12	13		14	15	16	17		18	19	20				
TP GripTite				00		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Unitek Victory Series			29.5	30		30.5	31	31.5	32	32.5	33	33.5	34	34.5	35	35.5	36	36.5	37								

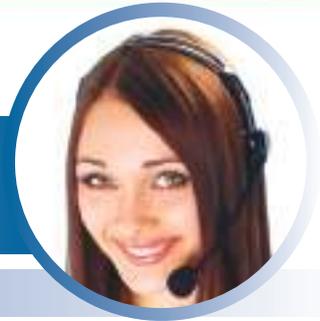
This band conversion chart is for general reference only. Band sizing varies from company to company and may change periodically. Exact accuracy of this data is not expressed, implied or guaranteed by Ortho Technology.

# MOLAR BANDS



**TruFit™ 2.0 Molar Bands**  
See page 60

Ask your Sales Representative for details



## Upper First and Second Molar Band Sizes

Ortho Technology	37	37.5			38	38.5	39	39.5		40	40.5	41	41.5	42	42.5	43	43.5	44				
American MR Full Sizes		20	21	22	23	24	25		27	28		29	30	31		32						
American MR 1/2 Sizes	6.5	7			7.5	8	9		9.5	10	10.5	11	11.5		12	12.5	13	13.5				
Dentaurem Dentaform	21	22	23	24	25	26	27	28	29	30		31	32									
GAC-SnapFit	15	16		17	18	19	20		21	22		23	24	25		26	27		28	29		
Ormco	20	21			22	23	24		25	26		27	28	29	30		31		32			
RMO Truform		19	20		21	22	23	24	25	26	27	28		29	30	31	32		33	34	35	36
TP GripTite	20	21	22		23	24	25	26		27		29	30	31		32	33	34		35	36	
Unitek Victory Series	37	37.5			38	38.5	39	39.5		40	40.5	41	41.5	42	42.5	43	43.5	44				

## Lower First Molar Band Sizes

Ortho Technology		36.5		37		37.5		38		38.5		39		39.5		40		40.5		41		41.5		42		42.5		43		43.5	44			
American MR Full Sizes	19		20		21	22	23		24	25		26		27	28	29		30	31					32										
American MR 1/2 Sizes	6	6.5	7		7.5		8					8.5		9	9.5	10.5	11	11.5					12		12.5		13	13.5						
Dentaurem Dentaform	23		24	25	26	27	28	29	30					31	32																			
GAC-SnapFit	14	15			16	17	18		19	20	21	22		23		24		25	26	27				28				29	30	31				
Ormco	19		20		21	22	23	24	25	26		27		28	29		30	31	32															
RMO Truform	18		19		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35			36											
TP GripTite	19	20	21		22	23	24	25	27	28		29	30	31		32	33	34					35		36									
Unitek Victory Series		36.5		37		37.5		38		38.5		39		39.5		40		40.5		41		41.5		42		42.5		43		43.5	44			

## Lower Second Molar Band Sizes

Ortho Technology		37.5		38		38.5		39			39.5		40		40.5	41	41.5	42																
American MR Full Sizes		21		22		23	24	25	26	27			28	29	30																			
American MR 1/2 Sizes				8					8.5	9	9.5	10		10.5	11																			
Dentaurem Dentaform		21		22	23	24		25	26	27			28	29																				
GAC-SnapFit		22		23		24		25	26		27		28	29		30																		
Ormco		21		22		23	24	25				26	27	28		29	30	31	32															
RMO Truform		21	22		23	24	25	26	27		28	29	30	31	32																			
TP GripTite		22		23	24	25	26	27	28		29		30	31	32	33	34	35																
Unitek Victory Series		37.5		38		38.5		39			39.5		40		40.5	41																		



Molar Bands



## Prewelded Lingual Attachments for TruFit 2.0 Molar Bands

MADE IN THE USA



### Prewelded Cleat

Molar ..... 494-025  
Cuspid/Bicuspid... 494-024  
1 per pack



### Prewelded Lug Molar

Item #: 494-028  
Length 4.8 mm  
1 per pack



### Prewelded Indented Lingual Sheath with Hook

UR/LL ..... 494-038  
UL/LR ..... 494-039  
1 per pack



### Prewelded Indented Lingual Sheath

Item #: 494-032  
1 per pack



### Prewelded Button Oval

Oval Flat ..... 494-020  
Oval Curved.... 494-021  
1 per pack



### Weldable Lingual Cleat

A. Molar ..... 494-025-10  
B. Cuspid/Bicuspid.... 494-024-10  
10 per pack



### Direct Bond Lingual Cleat

Item #: 494-004-10  
Micro-etched  
10 per pack



### Indented Lingual Sheath with Ball Hook

UR/LL ..... 494-038-10  
UL/LR ..... 494-039-10  
10 per pack



### Indented Lingual Sheath

Indent provides additional retention to hold palatal arch bar in sheath.  
Item #: 494-032-10  
10 per pack

## Bondable Attachments Loose

MADE IN THE USA



### Direct Bond Eyelets Round Base

Item #: 025-100  
3.5 mm diameter two piece flat base  
10 per pack



### Direct Bond Eyelets Rectangle Base

Item #: 025-000  
3.75 mm x 3.0 mm one piece curved base  
10 per pack



### Direct Bond Buttons Round Base

Item #: 494-001-10  
Micro-etched  
3.5 mm diameter curved one piece base  
10 per pack



### Direct Bond Buttons Rectangle Base

A. Oval Flat..... 400-201  
B. Oval Curved..... 400-202  
3.88 mm x 2.48 mm one piece base  
10 per pack



## Ortho Technology's Bicuspid Bands

**Bicuspid Bands**  
Item #: 104-300  
1 per pack



MADE IN THE USA

## Weldable Bicuspid Brackets

Ortho Technology's version of the Roth Prescription\* and Standard Edgewise



MADE IN THE USA

1 per pack  
Hooks placed on distal wings of bicuspid bracket

▲ Maxillary Arch	Torq.	Ang.	L/R	.018" Slot	.022" Slot
4/5   4/5 Bicuspid Twin	-7°	0°	R	W805-259	W805-359
			L	W805-260	W805-360
4/5   4/5 Bicuspid Twin with Hook	-7°	0°	R	W805-261	W805-361
			L	W805-262	W805-362
4/5   4/5 Bicuspid Twin	0°	0°	U	W802-009	W802-109

### Lugs

Bicuspid..... W400-010  
1 per pack

### Lingual Cleat

Bicuspid..... W971-024  
1 per pack

▼ Mandibular Arch	Torq.	Ang.	L/R	.018" Slot	.022" Slot
4   4 Bicuspid Twin	-17°	0°	R	W805-289	W805-389
			L	W805-290	W805-390
4   4 Bicuspid Twin with Hook	-17°	0°	R	W805-291	W805-391
			L	W805-292	W805-392
5   5 Bicuspid Twin	-22°	0°	R	W805-293	W805-393
			L	W805-294	W805-394
5   5 Bicuspid Twin with Hook	-22°	0°	R	W805-295	W805-395
			L	W805-296	W805-396
4/5   4/5 Bicuspid Twin	0°	0°	U	W802-009	W802-109

\*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

## Store and Organize Brackets, and Band Assemblies!



MADE IN THE USA

### Stackable Organizer

- Modular interlocking design
- Clearly marked trays for quick product selection
- Constructed with high quality durable plastic

Band Organizer..... 85180K  
Bracket Organizer ..... 85181K  
Includes: band/bracket tray  
Organizer dimensions  
11 1/4" W x 1 1/2" H x 8 1/4" D

### Molar Band Trays

**UR 1st/2nd Molar Band Tray**  
Item #: 4002-05

**UL 1st/2nd Molar Band Tray**  
Item #: 4002-06

**LR 1st/2nd Molar Band Tray**  
Item #: 4002-07

**LL 1st/2nd Molar Band Tray**  
Item #: 4002-08

1 tray per pack

Tray included with any first time kit orders.

## Lotus Plus DS Self-Ligating Bondable Buccal Tubes

### An Advanced Buccal Tube

The innovative Lotus Plus DS Self-Ligating Buccal Tubes offer passive or interactive ligation and feature unique maxillary and mandibular designs with anatomical mesh pads for maximum bond strength and fit.

**Low Profile Hook**  
For patient comfort

**Positioning Notch**  
To assist with placement and avoid interference

**Low Profile Design**  
To reduce occlusal interference and provide maximum patient comfort

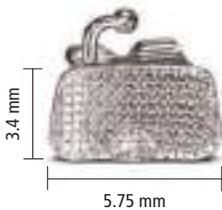
**Mesh Pad with Defined Buccal Indent**  
For a precise contoured fit



**PASSIVE**  
Upper Right



**INTERACTIVE**  
Lower Right



**Mesially Extended Bonding Pad**  
For a secure fit



- Self-Ligating Nickel Titanium Clip for easy wire placement
- No need to re-tie previously converted tubes
- Flexible clips help eliminate step bends
- Contoured, mesially extended base for an accurate, precise fit
- Positioning notches for quick alignment

1 pack (10 tubes)



**A COMPLETE SL SYSTEM WITH OUR**

**Lotus Plus DS Self-Ligating Brackets**

See page 16



### Passive

	Quadrant	Torq.	Ang.	Offset	.022" Slot
<b>R</b>	Upper Right	-10°	0°	+8°	300-12-1020
	Upper Left	-10°	0°	+8°	300-12-2620
<b>R</b>	Lower Right	-25°	0°	+5°	300-12-3620
	Lower Left	-25°	0°	+5°	300-12-4620
<b>D</b>	Upper Right	-18°	0°	+12°	300-32-1020
	Upper Left	-18°	0°	+12°	300-32-2620
<b>D</b>	Lower Right	-28°	+2°	+2°	300-32-3620
	Lower Left	-28°	+2°	+2°	300-32-4620

**R** The Ortho Technology version of the Roth Rx\*

**D** The Ortho Technology version of the Damon Rx\*

### Interactive

	Quadrant	Torq.	Ang.	Offset	.022" Slot
<b>R</b>	Upper Right	-10°	0°	+8°	301-12-1020
	Upper Left	-10°	0°	+8°	301-12-2620
<b>R</b>	Lower Right	-25°	0°	+5°	301-12-3620
	Lower Left	-25°	0°	+5°	301-12-4620
<b>D</b>	Upper Right	-18°	0°	+12°	301-32-1020
	Upper Left	-18°	0°	+12°	301-32-2620
<b>D</b>	Lower Right	-28°	+2°	+2°	301-32-3620
	Lower Left	-28°	+2°	+2°	301-32-4620

\*The Ortho Technology versions of the Roth and Damon prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.



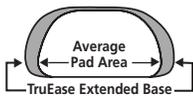
# TruEase™ Bondable Buccal Tubes



Designed With the Latest Technology  
for Patient Comfort



- **Stainless Steel Construction**
- **Molded Compound Contour Base with 80 Gauge Indented Mesh Pad** provides an anatomically correct fit that conforms to the tooth ensuring maximum bond strength
- **The Indented Pad** assists in easy and accurate placement to conform into the buccal groove
- **The Extended Base** provides maximum coverage for greater bond strength and control
- **4.2 mm Mesial/Distal Dimension** for full rotational control



## Single Non-Convertible

Quadrant	Slot Torque	Distal Offset	Color Code	Extended Base Slot Size	
				.018"	.022"
<b>R</b> Upper Right	-10°	8°	●	460-11-1020	460-12-1020
Upper Left	-10°	8°	●	460-11-2020	460-12-2020
<b>R</b> Lower Right	-25°	5°	■	460-11-3020	460-12-3020
Lower Left	-25°	5°	■	460-11-4020	460-12-4020
<b>M</b> Upper Right	-14°	10°	●	460-21-1020	460-22-1020
Upper Left	-14°	10°	●	460-21-2020	460-22-2020
<b>M</b> Lower Right	-20°	0°	▲	460-21-3020	460-22-3020
Lower Left	-20°	0°	▲	460-21-4020	460-22-4020
<b>S</b> UR/LL	0°	0°	◆	460-51-7020	460-52-7020
UL/LR	0°	0°	◆	460-51-8020	460-52-8020
1 pack (10 tubes)					

**R** The Ortho Technology version of the Roth Rx\*

**M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*

**S** Standard Edgewise Rx

## TruEase™ Low Profile Mini Bondable Buccal Tubes



Specifically Designed for Partially  
Erupted Second Molars



- **Stainless Steel Construction**
- **Mesially Placed Compound Contour Base** is designed to fit easily and precisely on the second molar mesial cusp to provide an anatomically correct fit
- **Pylon Base** with Electrical Discharge Machining (EDM) offers retention superior to mesh bonding pads
- **Torque in Base** allows easier alignment for optimal functional occlusion and case finishing
- **2.5 mm Mesial/Distal Dimension**



Quadrant	Slot Torque	Distal Offset	Color Code	Slot Size	
				.018"	.022"
<b>R</b> Upper Right	-10°	0°	●	470-11-1720	470-12-1720
Upper Left	-10°	0°	●	470-11-2720	470-12-2720
<b>R</b> Lower Right	-25°	0°	■	470-11-3720	470-12-3720
Lower Left	-25°	0°	■	470-11-4720	470-12-4720
<b>M</b> UR/LL	-14°	0°	●	470-21-7723	470-22-7723
UL/LR	-14°	0°	●	470-21-8723	470-22-8723
<b>S</b> UR/LL	0°	0°	◆	470-51-7720	470-52-7720
UL/LR	0°	0°	◆	470-51-8720	470-52-8720
1 pack (10 tubes)					

**R** The Ortho Technology version of the Roth Rx\*

**M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*

**S** Standard Edgewise Rx

\*The Ortho Technology versions of these prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

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### TruEase Buccal Tubes Mini Typodont

Item #: G50-000

Includes: 1x TruEase Buccal Tube  
and 1x TruEase Low Profile Mini  
Buccal Tube

# Votion® Bondable Buccal Tubes



## Integrated Appliance System Designed to Work Seamlessly with Votion Brackets

The Votion Buccal Tube is a single non-convertible tube designed with modern features for practitioners' and patients' needs. Placement and positioning are made easy with side positioning indents, a defined buccal indent, and a compound contour base. Patients benefit from a smooth, low-profile rounded shape, and lowered hook for arguably the most comfortable treatment experience.



- **80-Gauge Micro-Etched Mesh Pad** ensures maximum bond strength
- **Metal Injection Molding (MIM) Stainless Steel**
- **Low Profile** for maximum patient comfort
- **Occlusal/Gingival Positioning Indents** for easy placement and minor adjustments
- **Smooth Rounded Surfaces and Lowered Hook** position and orientation for improved patient comfort
- **Defined Buccal Indent and Compound Contoured Base** for ease of placement and anatomical fit that conforms to the tooth

## Single Non-Convertible

Quadrant	Slot Torque	Distal Offset	Color Code	Extended Base Slot Size	
				.018"	.022"
<b>R</b> Upper Right	-14°	14°		351-11-1620	351-12-1620
Upper Left	-14°	14°		351-11-2620	351-12-2620
<b>R</b> Lower Right	-25°	4°		351-11-3620	351-12-3620
Lower Left	-25°	4°		351-11-4620	351-12-4620
<b>M</b> Upper Right	-14°	10°		351-21-1620	351-22-1620
Upper Left	-14°	10°		351-21-2620	351-22-2620
<b>M</b> Lower Right	-20°	0°		351-21-3620	351-22-3620
Lower Left	-20°	0°		351-21-4620	351-22-4620
1 pack (10 tubes)					

**R** The Ortho Technology version of the Roth Rx\*

**M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*



**SEAMLESS INTEGRATION WITH OUR...  
Votion® Stainless Steel Bracket System**

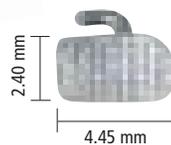
See pages 40-42



Buccal Tubes

## Votion® Mini Bondable Buccal Tubes

### Specifically Designed for the Most Comfortable Treatment



Mini Bonding Base

Quadrant	Slot Torque	Distal Offset	Color Code	Slot Size	
				.018"	.022"
<b>R</b> Upper Right	-10°	0°		352-11-1620	352-12-1620
Upper Left	-10°	0°		352-11-2620	352-12-2620
<b>R</b> Lower Right	-25°	0°		352-11-3620	352-12-3620
Lower Left	-25°	0°		352-11-4620	352-12-4620
<b>M</b> Upper Right	-14°	10°		352-21-1620	352-22-1620
Upper Left	-14°	10°		352-21-2620	352-22-2620
<b>M</b> Lower Right	-10°	0°		352-21-3620	352-22-3620
Lower Left	-10°	0°		352-21-4620	352-22-4620
1 pack (10 tubes)					

**R** The Ortho Technology version of the Roth Rx\*

**M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*

\*The Ortho Technology versions of these prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

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# BUCCAL TUBES



## Single Non-Convertible - Bondable

	Quadrant	Slot Torque	Distal Offset	Slot Size .018"	Slot Size .022"
<b>R</b>	Upper Right	-10°	+8°	204B-825	204B-225
	Upper Left	-10°	+8°	204B-826	204B-226
<b>R</b>	Lower Right	-25°	+5°	204B-827	204B-227
	Lower Left	-25°	+5°	204B-828	204B-228
<b>M</b>	Upper Right	-14°	+10°	204B-833	204B-233
	Upper Left	-14°	+10°	204B-834	204B-234
<b>M</b>	Upper Right	-10°	0°	204B-831U	204B-231U
	Upper Left	-10°	0°	204B-832U	204B-232U
<b>M</b>	Lower Right	-10°	0°	204B-831L	204B-231L
	Lower Left	-10°	0°	204B-832L	204B-232L
<b>S</b>	Upper Right	0°	0°	204B-821U	204B-221U
	Upper Left	0°	0°	204B-822U	204B-222U
<b>S</b>	Lower Right	0°	0°	204B-821L	204B-221L
	Lower Left	0°	0°	204B-822L	204B-222L

**R** The Ortho Technology version of the Roth Rx\*    **M** The Ortho Technology version of the McLaughlin, Bennett, & Trevisi Rx\*    **S** Standard Edgewise Rx

\*The Ortho Technology versions of these prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement of the respective doctors.

## TruCast™ Low Profile Bondable Buccal Tubes

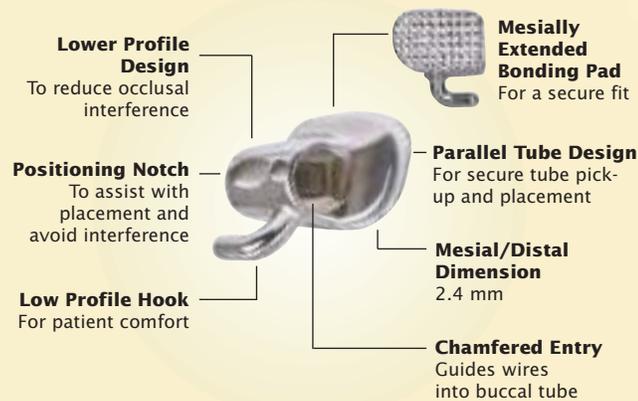
### Maximum Bond Strength with a Comfortable Anatomical Fit

- Color coded scribe line for height and angulation reference point, Red = Upper, Yellow = Lower
- Indented 80 gauge mesh pad for an anatomical fit and maximum bond strength
- Occlusal and gingival positioning notches for ease of placement and handling

1 pack (10 tubes)

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Buccal Tubes



MADE IN THE USA

## TruCast™ Mini Second Molar Bondable Buccal Tubes

### Allows for Earlier Treatment of Partially Erupted Second Molars

- Smooth, compact design for patient comfort
- Chamfered archwire entry point for easy wire placement
- Contoured, mesially extended base for an accurate, precise fit
- Low profile hook is adjustable for patient comfort
- Positioning notch for quick alignment
- Parallel design for secure tube pick-up and placement
- Bondable and weldable

1 pack (10 tubes)

	Quadrant	Slot Torque	Distal Offset	Slot Size .018"	Slot Size .022"
	Lower Right	-25°	0°	304B-833	304B-233
	Lower Left	-25°	0°	304B-834	304B-234
	Upper Right	-10°	0°	304B-831	304B-231
	Upper Left	-10°	0°	304B-832	304B-232
	UL/LR	0°	0°	304B-822	304B-222
	UR/LL	0°	0°	304B-821	304B-221

# ARCHWIRES

## ARCHWIRE

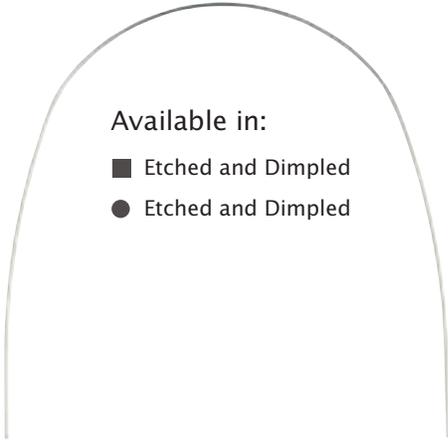
An extensive selection of high quality wire types and arch forms

	<b>TruFlex™</b> Nickel Titanium Archwire	P.76-77, P.79, P.84-85
	<b>TruFlex™</b> Thermal Nickel Titanium Archwire	P.78-79
	<b>TruFlex™</b> Copper Nickel Titanium Archwire	P.80-81
	<b>TRIFECTA®</b> Thermal Nickel Titanium Archwire	P.82
	<b>BetaForce™</b> Beta Titanium Archwire	P.79, P.83
	<b>TruForce™</b> Stainless Steel Archwire	P.79, P.86-89
	<b>Tooth Tone™</b> Coated Nickel Titanium Archwire	P.90
	<b>Tooth Tone™</b> Coated Stainless Steel Archwire	P.90
	<b>TruGold™</b> 24K Gold Plated Archwire	P.91



## Archwire Forms

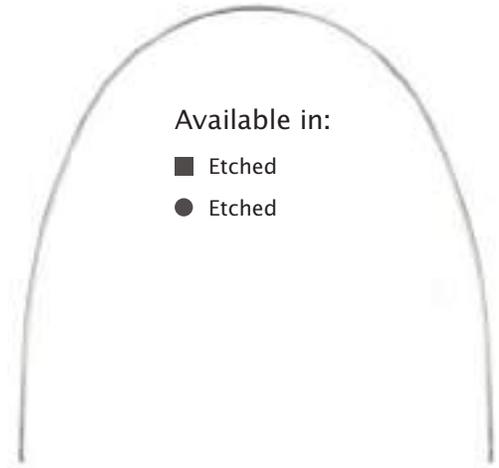
### Full Form



Available in:

- Etched and Dimpled
- Etched and Dimpled

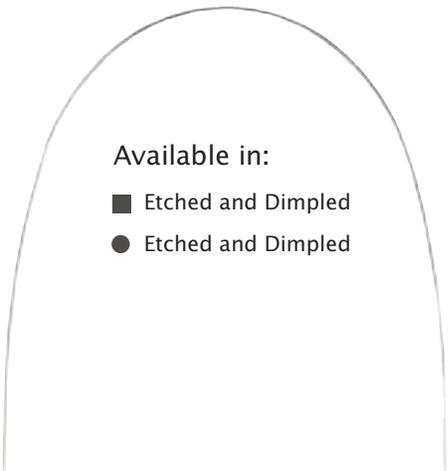
### Universal Form



Available in:

- Etched
- Etched

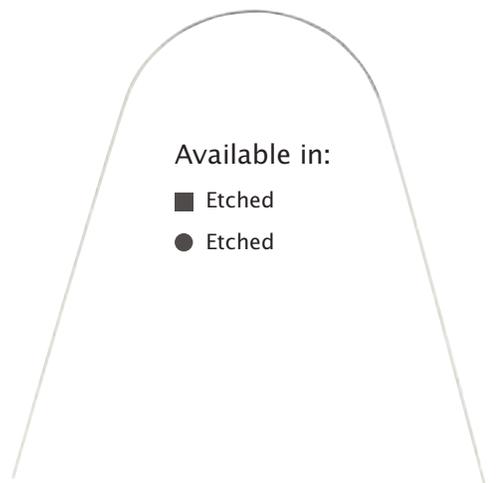
### Euro Form



Available in:

- Etched and Dimpled
- Etched and Dimpled

### Standard Form



Available in:

- Etched
- Etched

### Pre-Torqued Full Form



Available in:

- Etched

### Reverse Curve of Spee



Also Available in:

Straight Leg Reverse Curve of Spee

- Etched
- Etched

## Full Form Archwire

The broad, natural archform is the preferred shape for most clinical applications. It is ideal for use with bracket systems that have a built-in prescription, and can be used from start to finish with little to no wire bending.

Available in:

-  **TruFlex™**  
Nickel Titanium Archwire
-  **TruFlex™**  
Thermal Nickel Titanium Archwire
-  **TruFlex™**  
Copper Nickel Titanium Archwire
-  **TRIFECTA®**  
Thermal Nickel Titanium Archwire
-  **Tooth Tone®**  
Coated Nickel Titanium Archwire
-  **Tooth Tone®**  
Coated Stainless Steel Archwire
-  **TruForce™**  
Stainless Steel Archwire
-  **BetaForce™**  
Beta Titanium Archwire
-  **TruGold™**  
24K Gold Plated Archwire

## Euro Form Archwire

The euro arch form has a slightly narrower anterior region when compared to the full form shape, and remains narrow in the posterior region for clinicians who prefer a more oval form.

Available in:

-  **TruFlex™**  
Nickel Titanium Archwire
-  **TruFlex™**  
Thermal Nickel Titanium Archwire
-  **TruFlex™**  
Copper Nickel Titanium Archwire
-  **BetaForce™**  
Beta Titanium Archwire
-  **TruForce™**  
Stainless Steel Archwire

## Standard Form Archwire

The standard form, also known as a classic arch form, strictly reflects general arch symmetry. Often it is re-shaped and contoured and has enough length for wire bends, loops, and adjustments.

Available in:

-  **TruForce™**  
Stainless Steel Archwire

## Pre-Torqued Full Form

TruFlex Nickel Titanium Pre-Torqued Archwire provides low force, precise 20° anterior torque while enabling earlier introduction of torque in the upper centrals and laterals. Three anterior segment widths are available with etched center marks for accurate placement. Doctors and patients will appreciate the shorter chairtime provided by eliminating archwire bends.

Available in:

-  **TruFlex™**  
Nickel Titanium Archwire

## Universal Form™

The wide universal arch can be used on the upper or lower and creates the broad smile that displays the first and second bicuspids when viewed from the anterior – perfect for use with self-ligating bracket systems.

Available in:

-  **TruFlex™**  
Nickel Titanium Archwire
-  **TruFlex™**  
Thermal Nickel Titanium Archwire
-  **TruFlex™**  
Copper Nickel Titanium Archwire
-  **BetaForce™**  
Beta Titanium Archwire
-  **TruForce™**  
Stainless Steel Archwire

## Reverse Curve of Spee & Straight Leg Reverse Curve of Spee

The same great features as regular TruFlex NiTi archwires combining the advantages of super elastic, continuous forces and the benefits of a reverse curve. The Straight Leg RCS TruFlex NiTi is designed with additional length. Both are excellent wires for bite opening and closing due to deep or open bites, lower arch expansion, intrusion of the lower anterior teeth, and also provide excellent leveling and alignment.

Available in:

-  **TruFlex™** Nickel Titanium Archwire

## Retraction Archwire

TruForce Stainless Steel Retraction Archwires are available in an assortment of looped or brass post archwires for anterior intrusion or retraction, space closure, or elastic engagement.

Available in:

-  **TruForce™** Stainless Steel Archwire
  - Stainless Steel Retraction Archwires

## Specialty Archwires

TruForce Stainless Steel is also available straight wire lengths, or three different multi-strand archwires: 3-strand twist, 6-strand coaxial, and 8-strand braided archwire. Each multi-strand wire features light force levels, good flexibility, and can be cut and formed without unraveling.

Available in:

-  **TruFlex™** Nickel Titanium Archwire
  - Nickel Titanium Spooled Wire
-  **TruForce™** Stainless Steel Archwire
  - 3-Strand Stainless Steel Twist Wire Straight Lengths
  - 6-Strand Stainless Steel Coaxial Wire Straight Lengths
  - 8-Strand Stainless Steel Braided Archwire
  - Stainless Steel Straight Lengths
-  **BetaForce™** Beta Titanium Archwire
  - Beta Titanium Straight Lengths

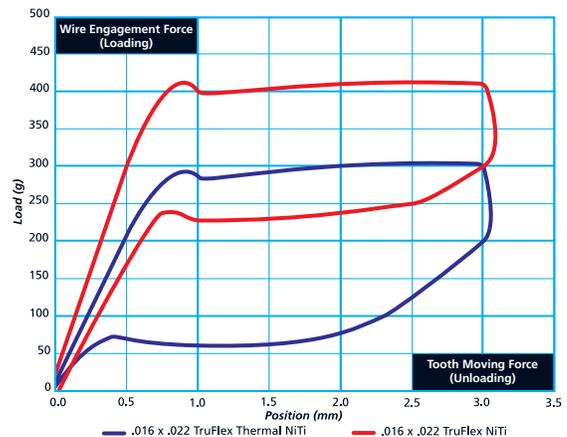
# TruFlex™

Nickel Titanium

Patients will appreciate the comfortable force levels provided during the initial treatment phase. Doctors will love the accurate and consistent results in treatment. TruFlex Nickel Titanium products – guaranteed quality at competitive prices.

- Predictable, light continuous force levels
- Bright finish for optimal sliding mechanics
- Resistant to deformation for high spring back
- Consistent accurate arch shapes
- Satisfaction guaranteed

## Load Comparison Chart



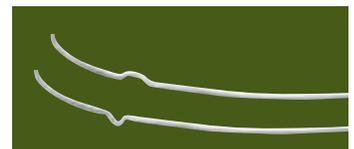
Wires

TRUFLEX™ NICKEL TITANIUM

## TruFlex™ Nickel Titanium Full Form Archwires

MADE IN THE USA

The broad, natural archform is the preferred shape for most clinical applications. TruFlex NiTi uses super elastic properties and is provided in the austenitic or activated state. TruFlex NiTi offers mid-range force characteristics, consistent force levels, a smooth bright finish, and excellent rebound and memory properties.



### Etched Midline

### Dimpled Midline

● Round	▲ Upper	▼ Lower	▲ Upper	▼ Lower
.012"	6000-101	6000-201	D6000-101	D6000-201
.014"	6000-102	6000-202	D6000-102	D6000-202
.016"	6000-103	6000-203	D6000-103	D6000-203
.018"	6000-104	6000-204	D6000-104	D6000-204
.020"	6000-105	6000-205	D6000-105	D6000-205
■ Rectangle				
.016" x .016"	6000-106	6000-206	D6000-106	D6000-206
.016" x .022"	6000-107	6000-207	D6000-107	D6000-207
.017" x .025"	6000-108	6000-208	D6000-108	D6000-208
.018" x .018"	6000-109	6000-209	D6000-109	D6000-209
.018" x .025"	6000-110	6000-210	D6000-110	D6000-210
.019" x .025"	6000-111	6000-211	D6000-111	D6000-211
.020" x .020"	6000-113	6000-213	D6000-113	D6000-213
.021" x .025"	6000-112	6000-212	D6000-112	D6000-212

● Round Etched  
10 per pack

● Round Dimpled  
10 per pack

■ Rectangle Etched  
10 per pack

■ Rectangle Dimpled  
10 per pack

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**TruFlex™ Nickel Titanium  
Euro Form Archwires**

MADE IN THE USA

The euro arch form has a slightly more narrow anterior region when compared to the full form shape. TruFlex NiTi uses super elastic properties and is provided in the austenitic or activated state. TruFlex NiTi offers mid-range force characteristics, consistent force levels, a smooth bright finish, and excellent rebound and memory properties.

● **Round Etched**  
10 per pack

● **Round Dimpled**  
10 per pack

■ **Rectangle Etched**  
10 per pack

■ **Rectangle Dimpled**  
10 per pack

	Etched Midline		Dimpled Midline	
● Round	▲ Upper	▼ Lower	▲ Upper	▼ Lower
.012"	5000-101	5000-201	D5000-101	D5000-201
.014"	5000-102	5000-202	D5000-102	D5000-202
.016"	5000-103	5000-203	D5000-103	D5000-203
.018"	5000-104	5000-204	D5000-104	D5000-204
.020"	5000-105	5000-205	D5000-105	D5000-205
■ Rectangle				
.016" x .016"	5000-106	5000-206	D5000-106	D5000-206
.016" x .022"	5000-107	5000-207	D5000-107	D5000-207
.017" x .025"	5000-108	5000-208	D5000-108	D5000-208
.018" x .018"	5000-109	5000-209	D5000-109	D5000-209
.018" x .025"	5000-110	5000-210	D5000-110	D5000-210
.019" x .025"	5000-111	5000-211	D5000-111	D5000-211
.020" x .020"	5000-113	5000-213	D5000-113	D5000-213
.021" x .025"	5000-112	5000-212	D5000-112	D5000-212

**TruFlex™ Nickel Titanium  
Reverse Curve of Spee**

The same great features as regular TruFlex NiTi archwires combining the advantages of super elastic, continuous force levels and the benefits of a reverse curve. RCS TruFlex NiTi are designed for bite opening and closing due to deep or open bites and also provides excellent leveling and alignment.

● **Round Etched**  
10 per pack

● **Round Dimpled**  
10 per pack

■ **Rectangle Etched**  
10 per pack

■ **Rectangle Dimpled**  
10 per pack

	Etched Midline		Dimpled Midline	
● Round	▲ Upper	▼ Lower	▲ Upper	▼ Lower
.012"	6000-311	6000-411	D6000-311	D6000-411
.014"	6000-300	6000-400	D6000-300	D6000-400
.016"	6000-301	6000-401	D6000-301	D6000-401
.018"	6000-302	6000-402	D6000-302	D6000-402
.020"	6000-312	6000-412	D6000-312	D6000-412
■ Rectangle				
.016" x .016"	6000-303	6000-403	D6000-303	D6000-403
.016" x .022"	6000-304	6000-404	D6000-304	D6000-404
.017" x .025"	6000-305	6000-405	D6000-305	D6000-405
.018" x .018"	6000-310	6000-410	-	-
.018" x .025"	6000-306	6000-406	D6000-306	D6000-406
.019" x .025"	6000-307	6000-407	D6000-307	D6000-407
.020" x .020"	6000-309	6000-409	D6000-309	D6000-409
.021" x .025"	6000-308	6000-408	D6000-308	D6000-408

**TruFlex™ Nickel Titanium  
Straight Leg Reverse  
Curve of Spee**

MADE IN THE USA

The same great features as regular TruFlex NiTi archwires combining the advantages of super elastic, continuous forces and the benefits of a reverse curve. Straight Leg RCS TruFlex NiTi are designed with additional length. Excellent wire for bite opening and closing, lower arch expansion, intrusion of the lower anterior teeth and also provides excellent leveling and alignment.

● **Round Etched**  
10 per pack

■ **Rectangle Etched**  
10 per pack

	Etched Midline	
● Round	▲ Upper	▼ Lower
.014"	5000-300	5000-400
.016"	5000-301	5000-401
.018"	5000-302	5000-402
.020"	5000-312	5000-412
■ Rectangle		
.016" x .016"	5000-303	5000-403
.016" x .022"	5000-304	5000-404
.017" x .025"	5000-305	5000-405
.018" x .018"	5000-310	5000-410
.018" x .025"	5000-306	5000-406
.019" x .025"	5000-307	5000-407
.020" x .020"	5000-309	5000-409
.021" x .025"	5000-308	5000-408

Wires

TRUFLEX™ NICKEL TITANIUM

# TruFlex™

## Thermal Nickel Titanium

### TruFlex™ Thermal Nickel Titanium Full Form Archwires



The broad, natural arch form is the preferred shape for most clinical applications. TruFlex Thermal NiTi is provided in the martensitic or soft and pliable state and becomes super elastic once it reaches the transformation temperature of 90°F/32°C and becomes activated or austenitic. TruFlex Thermal NiTi provides gentle, lower force levels and a smooth, bright finish. The extreme pliability of TruFlex Thermal NiTi offers easy ligation and therefore larger size wires can be introduced at earlier phases in treatment without compromising patient comfort.

● **Round Etched**  
10 per pack

● **Round Dimpled**  
10 per pack

■ **Rectangle Etched**  
10 per pack

■ **Rectangle Dimpled**  
10 per pack

	Etched Midline		Dimpled Midline	
● Round	▲ Upper	▼ Lower	▲ Upper	▼ Lower
.014"	6001-014	6001-114	D6001-014	D6001-114
.016"	6001-016	6001-116	D6001-016	D6001-116
.018"	6001-018	6001-118	D6001-018	D6001-118
.020"	6001-020	6001-120	D6001-020	D6001-120
■ Rectangle				
.014" x .025"	6001-040	6001-140	D6001-040	D6001-140
.016" x .016"	6001-041	6001-141	D6001-041	D6001-141
.016" x .022"	6001-042	6001-142	D6001-042	D6001-142
.016" x .025"	6001-043	6001-143	D6001-043	D6001-143
.017" x .025"	6001-044	6001-144	D6001-044	D6001-144
.018" x .018"	6001-047	6001-147	D6001-047	D6001-147
.018" x .025"	6001-046	6001-146	D6001-046	D6001-146
.019" x .025"	6001-048	6001-148	D6001-048	D6001-148
.020" x .020"	6001-049	6001-149	D6001-049	D6001-149
.021" x .025"	6001-050	6001-150	D6001-050	D6001-150

### TruFlex™ Thermal Nickel Titanium Euro Form Archwires



The euro arch form has a slightly more narrow anterior region when compared to our full form shape. Provides gentle low forces for maximum patient comfort, allowing for the introduction of larger wire sizes earlier in treatment without compromising patient comfort. TruFlex Thermal NiTi is extremely soft and pliable at room temperature for easy ligation. Once ligated, its shape memory becomes active with the patient's natural body temperature (90°F/32°C). Highly smooth, with a bright finish for reduced friction.

● **Round Etched**  
10 per pack

● **Round Dimpled**  
10 per pack

■ **Rectangle Etched**  
10 per pack

■ **Rectangle Dimpled**  
10 per pack

	Etched Midline		Dimpled Midline	
● Round	▲ Upper	▼ Lower	▲ Upper	▼ Lower
.014"	5001-102	5001-202	D5001-102	D5001-202
.016"	5001-103	5001-203	D5001-103	D5001-203
.018"	5001-104	5001-204	D5001-104	D5001-204
.020"	5001-105	5001-205	D5001-105	D5001-205
■ Rectangle				
.016" x .016"	5001-106	5001-206	D5001-106	D5001-206
.016" x .022"	5001-107	5001-207	D5001-107	D5001-207
.017" x .025"	5001-108	5001-208	D5001-108	D5001-208
.018" x .018"	5001-109	5001-209	D5001-109	D5001-209
.018" x .025"	5001-110	5001-210	D5001-110	D5001-210
.019" x .025"	5001-111	5001-211	D5001-111	D5001-211
.020" x .020"	5001-113	5001-213	D5001-113	D5001-213

# Universal Form™ Archwires

MADE IN THE USA

The wide universal arch can be used on the upper or lower and creates the broad smile that displays the first and second bicuspids when viewed from the anterior. Perfect for use with self-ligating bracket systems. The Universal Form archwire provides all the features of our TruForce, TruFlex, and BetaForce wires with the added benefit of our carefully designed arch form.

- Perfect archwire sequencing for self-ligating bracket systems
- Excellent resiliency
- Precise and consistent force levels
- Etched midline

Recommended for use with Self-Ligating Brackets

Actual Size: .014" x .025"

	Size	Item #	Force Level	Archwire
<b>Phase 1 Initial</b> Early alignment and unraveling, start arch development	.012"	2000-100	<b>Light</b>	<b>TruFlex Nickel Titanium</b>
	.013"	2000-101		
	.014"	2000-102		
	.016"	2000-103		
	.018"	2000-104	<b>Extra Light</b>	<b>TruFlex Thermal Nickel Titanium</b>
	.013"	2001-101		
	.014"	2001-102		
	.016"	2001-103		
.018"	2001-104			

	Size	Item #	Force Level	Archwire
<b>Phase 2 Intermediate</b> Transitional, complete leveling and aligning, correct rotations, and begin torque control	.014" x .025"	2000-114	<b>Light</b>	<b>TruFlex Nickel Titanium</b>
	.016" x .025"	2000-116		
	.018" x .025"	2000-118		
	.014" x .025"	2001-114	<b>Extra Light</b>	<b>TruFlex Thermal Nickel Titanium</b>
	.016" x .022"	2001-216		
	.016" x .025"	2001-116		
	.018" x .025"	2001-118		
	.018" x .025"	2001-118		

	Size	Item #	Force Level	Archwire
<b>Phase 3 Finishing</b> Finalize treatment and finishing mechanics	.016" x .025"	2002-116	<b>Medium</b>	<b>BetaForce Beta Titanium</b>
	.017" x .025"	2002-118		
	.019" x .025"	2002-119		
	.018"	2003-104	<b>High</b>	<b>TruForce Stainless Steel</b>
	.016" x .025"	2003-116		
	.019" x .025"	2003-119		



**TRY OUR...**  
Crimpable Split & Mini Stop

See page 92

## TruFlex™ Nickel Titanium

● Round  
10 per pack

■ Rectangle  
10 per pack

## TruFlex™ Thermal Nickel Titanium

● Round  
10 per pack

■ Rectangle  
10 per pack

## TruForce™ Stainless Steel

● Round  
100 per pack

■ Rectangle  
10 per pack

## BetaForce™ Beta Titanium

■ Rectangle  
10 per pack

# TruFlex™

**COPPER**  
Nickel Titanium

## The Latest Advancement in Nickel Titanium Archwire Technology

The inclusion of copper to the nickel titanium alloy accentuates the thermal properties and working characteristics of the wire.

The lower hysteresis of TruFlex Copper provides a lighter tactile "feel" of the wire at room temperature which translates to additional flexibility providing for easier placement on cases with crowding conditions.

The unique alloy composition not only gives you easier insertion into the brackets, but also provides a greater resistance to deformation. TruFlex Copper provides controlled loading and unloading forces for a greater working time range, resulting in fewer archwire changes needed.

These controlled force levels translate to gentle, continuous forces providing consistent and predictable tooth movement throughout treatment.



**Universal Form Available with Stops and without**

**Available in 27°C or 35°C Force Levels**

- **Use 27°C Copper**  
When Higher Force Levels are Needed
- **Use 35°C Copper**  
When Medium Force Levels are Needed

Wires

TRUFLEX™ COPPER NICKEL TITANIUM

## TruFlex™ Copper Nickel Titanium Universal Form Archwires



### 10 INDIVIDUALLY PACKAGED ARCHWIRES

● **Round** ■ **Rectangle Without Stops**  
*10 individually packaged archwires*

● **Round** ■ **Rectangle With Stops**  
*10 individually packaged archwires*

MADE IN THE USA

Etched Midline			
● Round	Temp	Transition Without Stops	With Stops
.013"	27° C	2005-101	2005-101ST
.014"	27° C	2005-102	2005-102ST
.016"	27° C	2005-103	2005-103ST
.018"	27° C	2005-104	2005-104ST
■ Rectangle			
.014" x .025"	27° C	2005-105	2005-105ST
.016" x .025"	27° C	2005-106	2005-106ST
.017" x .025"	27° C	2005-107	2005-107ST
.018" x .025"	27° C	2005-108	2005-108ST
.019" x .025"	27° C	2005-109	2005-109ST
.017" x .025"	35° C	2005-110	2005-110ST
.019" x .025"	35° C	2005-111	2005-111ST



**TruFlex™ Copper Nickel Titanium  
Universal Form Archwires**

MADE IN THE USA

Etched Midline

● Round ■ Rectangle Without Stops  
10 per pack loose

● Round ■ Rectangle With Stops  
10 per pack loose

● Round	Transition Temp	Without Stops	With Stops
.013"	27° C	2004-101	2004-101ST
.014"	27° C	2004-102	2004-102ST
.016"	27° C	2004-103	2004-103ST
.018"	27° C	2004-104	2004-104ST

■ Rectangle	Transition Temp	Without Stops	With Stops
.014" x .025"	27° C	2004-105	2004-105ST
.016" x .025"	27° C	2004-106	2004-106ST
.017" x .025"	27° C	2004-107	2004-107ST
.018" x .025"	27° C	2004-108	2004-108ST
.019" x .025"	27° C	2004-109	2004-109ST
.017" x .025"	35° C	2004-110	2004-110ST
.019" x .025"	35° C	2004-111	2004-111ST

**TruFlex™ Copper Nickel Titanium  
Full Form Archwires**

MADE IN THE USA

Etched Midline

● Round  
10 per pack loose

■ Rectangle  
10 per pack loose

● Round	Transition Temp	Without Stops ▲ Upper ▼ Lower
.014"	27° C	2007-102 2007-202
.016"	27° C	2007-103 2007-203
.016"	35° C	2007-110 2007-210
.018"	27° C	2007-104 2007-204
.018"	35° C	2007-111 2007-211

■ Rectangle	Transition Temp	Without Stops ▲ Upper ▼ Lower
.014" x .025"	27° C	2007-105 2007-205
.016" x .022"	27° C	2007-106 2007-206
.016" x .022"	35° C	2007-112 2007-212
.016" x .025"	27° C	2007-107 2007-207
.017" x .017"	35° C	2007-113 2007-213
.017" x .025"	27° C	2007-108 2007-208
.017" x .025"	35° C	2007-114 2007-214
.018" x .025"	27° C	2007-118 2007-218
.018" x .025"	35° C	2007-115 2007-215
.019" x .025"	27° C	2007-109 2007-209
.019" x .025"	35° C	2007-116 2007-216
.020" x .020"	35° C	2007-117 2007-217

**TruFlex™ Copper Nickel Titanium  
Euro Form Archwires**

MADE IN THE USA

Etched Midline

● Round  
10 per pack loose

■ Rectangle  
10 per pack loose

● Round	Transition Temp	Without Stops ▲ Upper ▼ Lower
.014"	27° C	2008-102 2008-202
.016"	27° C	2008-103 2008-203
.016"	35° C	2008-110 2008-210
.018"	27° C	2008-104 2008-204
.018"	35° C	2008-111 2008-211

■ Rectangle	Transition Temp	Without Stops ▲ Upper ▼ Lower
.014" x .025"	27° C	2008-105 2008-205
.016" x .022"	27° C	2008-106 2008-206
.016" x .022"	35° C	2008-112 2008-212
.016" x .025"	27° C	2008-107 2008-207
.017" x .017"	35° C	2008-113 2008-213
.017" x .025"	27° C	2008-108 2008-208
.017" x .025"	35° C	2008-114 2008-214
.018" x .025"	27° C	2008-118 2008-218
.018" x .025"	35° C	2008-115 2008-215
.019" x .025"	27° C	2008-109 2008-209
.019" x .025"	35° C	2008-116 2008-216
.020" x .020"	35° C	2008-117 2008-217

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# TRIFECTA®

Thermal  
Nickel Titanium

*The Right Force on the Right Teeth at the Right Time™*

## TRIFECTA® Force Chart

Wires

TRIFECTA® THERMAL NICKEL TITANIUM



Full Form Archwire



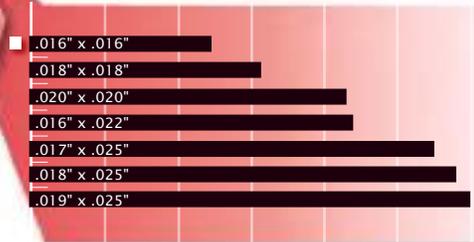
### Anterior Region = Gentle Forces

The incisor segment has the lowest heat-activated force level specific to moving small, single rooted teeth. The archwire provides gentle forces for patient comfort, reduces unnecessary tooth pressure and decreases the possibility of root resorption.



### Bicuspid Region = Moderate Forces

This segment of the archwire delivers a slightly increased force level for moving the larger bicuspids or premolars. The progressively increased force provides quick leveling and alignment to speed up treatment time, without compromising patient comfort levels.



### Molar Region = Heavy Forces

The posterior segment of the archwire generates the most force in order to align the larger, more difficult to move first and second molars. Regular archwires have only one force level throughout, which would require 2 or 3 wire changes to achieve the same movement you can get with 1 Trifecta wire.

Load (g) 0 50 100 150 200 250 300

### TRIFECTA Force Levels in Grams

Wire Size	Anterior	Bicuspid	Molar
.016" x .016"	65	85	120
.018" x .018"	80	110	155
.020" x .020"	100	150	215
.016" x .022"	105	155	220
.017" x .025"	120	195	275
.018" x .025"	140	200	290
.019" x .025"	155	210	300

■ Rectangle	▲ Upper	▼ Lower
.016" x .016"	6003-041	6003-141
.018" x .018"	6003-047	6003-147
.020" x .020"	6003-049	6003-149
.016" x .022"	6003-042	6003-142
.017" x .025"	6003-044	6003-144
.018" x .025"	6003-046	6003-146
.019" x .025"	6003-048	6003-148

MADE IN THE USA

■ Rectangle (Etched Centerline)  
10 per pack

© 2018 Ortho Technology Inc. TRIFECTA is a registered trademark of Ortho Technology.  
3-Point Bend Test performed on a 10.0 mm wire span in the Buccal-Lingual plane to allow for curvature of the archwire. Tooth-moving forces at 1.5 mm deflection.

# BetaForce™

Beta Titanium



## Force Levels Between Nickel Titanium and Stainless Steel / Nickel-Free

The BetaForce Beta Titanium archwires are nickel-free with properties that fall between the bendability of Stainless Steel and the flexibility of Nickel Titanium. BetaForce wires have a smooth, polished surface for excellent sliding mechanics and provide moderate wire stiffness levels at 60% less than Stainless Steel. Beta Titanium wires offer excellent formability, making it ideal for intermediate and finishing stages of treatment.



### Full Form Archwire

Archwire Size	▲ Upper	▼ Lower
.016"	6002-103	6002-203
.018"	6002-104	6002-204
.016" x .016"	6002-106	6002-206
.016" x .022"	6002-107	6002-207
.017" x .025"	6002-108	6002-208
.018" x .018"	6002-109	6002-209
.018" x .025"	6002-110	6002-210
.019" x .025"	6002-111	6002-211
.021" x .025"	6002-112	6002-212

### Euro Form Archwire

Archwire Size	▲ Upper	▼ Lower
.016"	6002-113	6002-213
.018"	6002-114	6002-214
.016" x .016"	6002-116	6002-216
.016" x .022"	6002-117	6002-217
.017" x .025"	6002-118	6002-218
.018" x .018"	6002-119	6002-219
.018" x .025"	6002-120	6002-220
.019" x .025"	6002-121	6002-221
.021" x .025"	6002-122	6002-222

## BetaForce™ Beta Titanium

### 14" Straight Lengths

.016" x .016".....	6002-406
.016" x .022".....	6002-407
.017" x .025".....	6002-408
.018" x .018".....	6002-409
.018" x .025".....	6002-410
.019" x .025".....	6002-411
.021" x .025".....	6002-412

10 per pack



**BetaForce™ Full Form**

10 per pack



**BetaForce™ Euro Form**

10 per pack

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**ORTHOGAP, inc.**

## Disposable Archwire Markers

### Protect Against Cross Contamination

- Consistent machine dipped wax tips
- Special thick wax tips will not crack or melt
- Made with sturdy dowels
- The attractive dispenser keeps working area organized
- Precise marking and adhesion to dry metal surfaces
- Inexpensive and disposable

**Dispenser**  
Item #: 600-500

**Markers**  
Item #: 600-401  
100 markers per pack

"The only sure way to avoid potential cross-contamination is to use the inexpensive disposable markers..."

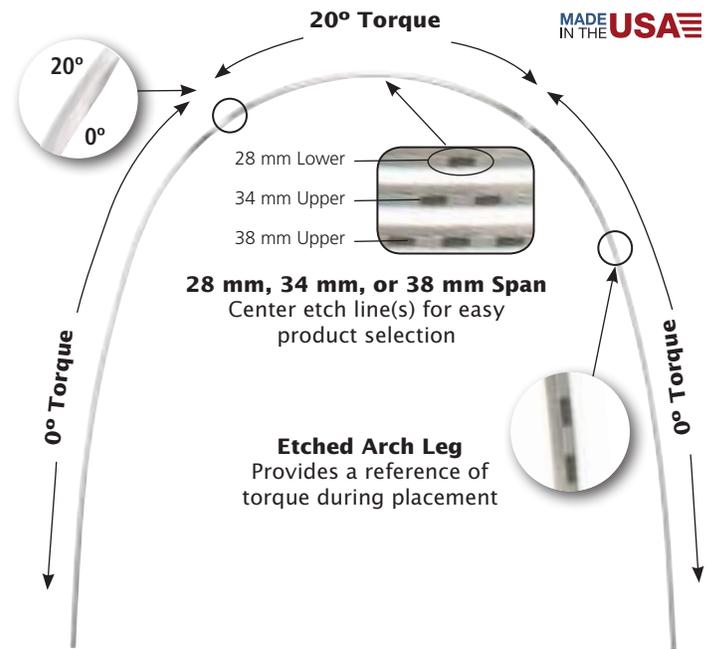
# TruFlex™

Nickel Titanium

## TruFlex™ Nickel Titanium Pre-Torqued Full Form Archwires

**Ideal for Use with Passive Self-Ligating Bracket Systems**

TruFlex Nickel Titanium Pre-Torqued Archwire provides low force, precise 20° anterior torque while enabling earlier introduction of torque in the upper centrals and laterals. Three anterior segment widths are available with etched centermarks for accurate placement. Doctors and patients will appreciate the shorter chairtime provided by eliminating archwire bends.



**Etched Midline**

■ Rectangle	▲ Upper 34 mm	▲ Upper 38 mm	▼ Lower 28 mm
.016" x .022"	2000-122	2000-124	2000-120
.017" x .025"	2000-128	2000-130	2000-126
.018" x .025"	2000-134	2000-136	2000-132
.019" x .025"	2000-140	2000-142	2000-138
.021" x .025"	2000-146	2000-148	2000-144

Not recommended for use with ceramic brackets.

■ Rectangle Etched  
10 per pack

Wires

TRUFLEX™ NICKEL TITANIUM

## TruFlex™ Nickel Titanium De-Impacting and Separating Springs

- Designed to effectively separate or de-impact posterior teeth with minimal patient discomfort
- Offset leg design and rectangle nickel titanium wire provides the most efficient method of separating and de-impacting
- Looped over safety ends ensure patient comfort

**4 weeks from Start to Finish!**



**De-Impacting Springs**  
.017" x .025" Long  
Item #: 600-434  
15 per pack



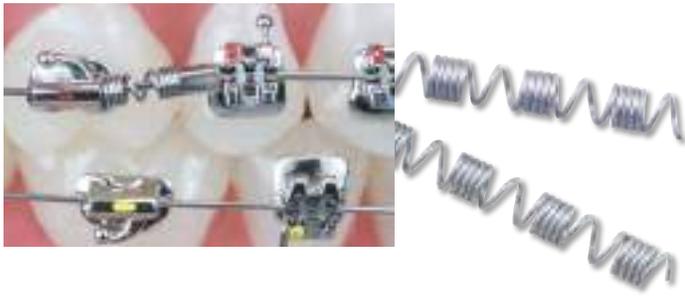
**Separating Springs**  
.016" x .022" Narrow  
Item #: 600-436  
15 per pack



## TruFlex™ Nickel Titanium Spools

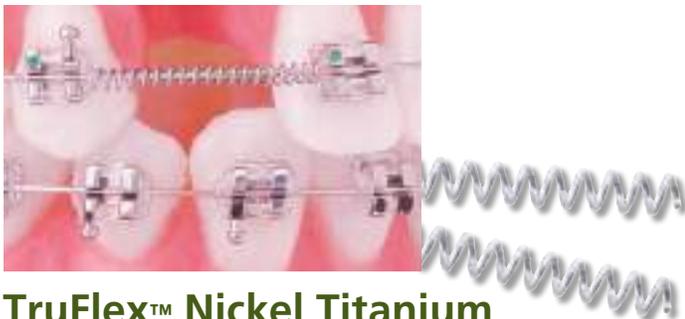
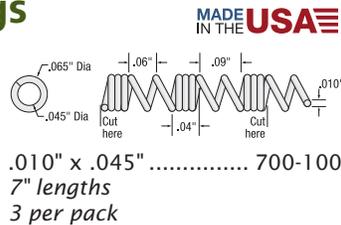
- Super elastic and resilient
- Continuous mid-range force levels
- Made in the USA

.012"	6000-000
.014"	6000-001
.016"	6000-002
.018"	6000-003
15' per spool	
1 per pack	



### TruFlex™ Nickel Titanium Distalizing Springs

- Distalize molars without the use of headgear
- Achieve 1.0 mm to 1.5 mm distalization per month
- Fits over any size wire
- Force level decreases as the length of spring increases



### TruFlex™ Nickel Titanium Open Coil Springs

- Designed for maximum results
- Delivers continuous force for opening or holding of spaces between teeth

#### Lengths

.010" x .030" .....	700-101
.012" x .030" .....	700-102
.014" x .036" .....	700-103

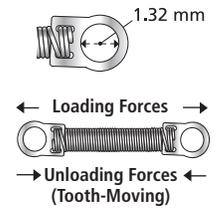
7" lengths  
3 springs per pack

#### Spools

.010" x .030" .....	700-000
.012" x .030" .....	700-001

15" spool  
1 per pack

**MADE IN THE USA**



Shown At 200% of Actual Size  
Recommended Active Spring Length is Two Times Passive Spring Length

### TruFlex™ Nickel Titanium Closed Coil Springs

**MADE IN THE USA**

TruFlex Nickel Titanium Closed Coil Springs deliver the ideal amount of consistent retraction force needed to close or maintain any space.

- Delivers constant force levels
- Active until the spring is closed
- Superelastic Nickel Titanium quality
- Provides comfortable, predictable forces during treatment
- Stainless steel key-end eyelets for easy attachment

#### Light Force 100 gm

9.0 mm (.010" x .030") ..... 700-104L  
12.0 mm (.010" x .030") ..... 700-105L

#### Medium Force 150 gm

9.0 mm (.011" x .030") ..... 700-104M  
12.0 mm (.011" x .030") ..... 700-105M

#### Heavy Force 200 gm

9.0 mm (.012" x .030") ..... 700-104H  
12.0 mm (.012" x .030") ..... 700-105H  
10 per pack



### TruFlex™ Nickel Titanium TAD Closed Coil Springs

Specifically for use with the Spider Screw. Can also be used with other TAD systems with a head size smaller than 3.0 mm.

#### Light Force 100 gm

9.0 mm (.009" x .030") ..... 900-104L  
12.0 mm (.009" x .030") ..... 900-105L

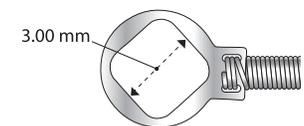
#### Medium Force 150 gm

9.0 mm (.011" x .030") ..... 900-104M  
12.0 mm (.011" x .030") ..... 900-105M

#### Heavy Force 200 gm

9.0 mm (.012" x .030") ..... 900-104H  
12.0 mm (.012" x .030") ..... 900-105H  
10 per pack

**MADE IN THE USA**



U.S. Patent Number D595852.

# TruForce™

## Stainless Steel

TruForce archwires are manufactured with the highest quality 304VSS medical grade Stainless Steel. These wires have an extremely high tensile strength and accept intricate bends without breaking.



- High quality Stainless Steel
- High luster polish for reduced friction
- Consistent performance
- Etched permanent center mark

## TruForce™ Stainless Steel Full Form Archwires

● **Round**  
100 per pack

■ **Rectangle**  
10 per pack

● Round	▲ Upper	▼ Lower
.012"	8000-101	8000-201
.014"	8000-102	8000-202
.016"	8000-103	8000-203
.018"	8000-104	8000-204
.020"	8000-105	8000-205

■ Rectangle	▲ Upper	▼ Lower
.016" x .016"	8000-106	8000-206
.016" x .022"	8000-107	8000-207
.017" x .017"	8000-115	8000-215
.017" x .022"	8000-108	8000-208
.017" x .025"	8000-109	8000-209
.018" x .018"	8000-110	8000-210
.018" x .022"	8000-111	8000-211
.018" x .025"	8000-112	8000-212
.019" x .025"	8000-113	8000-213
.021" x .025"	8000-114	8000-214

## TruForce™ Stainless Steel Euro Form Archwires

● **Round**  
100 per pack

■ **Rectangle**  
10 per pack

● Round	▲ Upper	▼ Lower
.012"	9000-101	9000-201
.014"	9000-102	9000-202
.016"	9000-103	9000-203
.018"	9000-104	9000-204
.020"	9000-105	9000-205

■ Rectangle	▲ Upper	▼ Lower
.016" x .016"	9000-106	9000-206
.016" x .022"	9000-107	9000-207
.017" x .022"	9000-108	9000-208
.017" x .025"	9000-109	9000-209
.018" x .018"	9000-110	9000-210
.018" x .022"	9000-111	9000-211
.018" x .025"	9000-112	9000-212
.019" x .025"	9000-113	9000-213
.021" x .025"	9000-114	9000-214

## TruForce™ Stainless Steel Standard Form Archwires

● **Round**  
100 per pack

■ **Rectangle**  
10 per pack

● Round	▲ Upper	▼ Lower
.012"	7000-101	7000-201
.014"	7000-102	7000-202
.016"	7000-103	7000-203
.018"	7000-104	7000-204
.020"	7000-105	7000-205

■ Rectangle	▲ Upper	▼ Lower
.016" x .016"	7000-106	7000-206
.016" x .022"	7000-107	7000-207
.017" x .022"	7000-108	7000-208
.017" x .025"	7000-109	7000-209
.018" x .018"	7000-110	7000-210
.018" x .022"	7000-111	7000-211
.018" x .025"	7000-112	7000-212
.019" x .025"	7000-113	7000-213
.021" x .025"	7000-114	7000-214

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### TruForce™ Stainless Steel Retraction Archwires

- Anterior retraction
- Anterior intrusion
- Space closure
- Elastic engagement
- Custom formed to exact measurements
- 304 medical grade Stainless Steel

**Post or Loop Measurement**  
Measure along incisal edge from distal of lateral to distal of opposite lateral

**Looped Archwire**  
10 per pack

**Brass Post Archwire**  
10 per pack

#### 2 Keyhole Wire MADE IN THE USA



Arch Size	.016" x .022"	.017" x .025"	.019" x .025"
24.0 mm	2KL-224	2KL-424	2KL-624
26.0 mm	2KL-226	2KL-426	2KL-626
28.0 mm	2KL-228	2KL-428	2KL-628
30.0 mm	2KL-230	2KL-430	2KL-630
32.0 mm	2KL-232	2KL-432	2KL-632
34.0 mm	2KL-234	2KL-434	2KL-634
36.0 mm	2KL-236	2KL-436	2KL-636
38.0 mm	2KL-238	2KL-438	2KL-638
40.0 mm	2KL-240	2KL-440	2KL-640
42.0 mm	2KL-242	2KL-442	2KL-642
44.0 mm	2KL-244	2KL-444	2KL-644

#### Stainless Steel Brass Post Wire MADE IN THE USA



Arch Size	.016" x .022"	.017" x .025"	.018" x .025"	.019" x .025"
24.0 mm	BPT-224	BPT-424	BPT-524	BPT-624
26.0 mm	BPT-226	BPT-426	BPT-526	BPT-626
28.0 mm	BPT-228	BPT-428	BPT-528	BPT-628
30.0 mm	BPT-230	BPT-430	BPT-530	BPT-630
32.0 mm	BPT-232	BPT-432	BPT-532	BPT-632
34.0 mm	BPT-234	BPT-434	BPT-534	BPT-634
36.0 mm	BPT-236	BPT-436	BPT-536	BPT-636
38.0 mm	BPT-238	BPT-438	BPT-538	BPT-638
40.0 mm	BPT-240	BPT-440	BPT-540	BPT-640
42.0 mm	BPT-242	BPT-442	BPT-542	BPT-642
44.0 mm	BPT-244	BPT-444	BPT-544	BPT-644

#### 4 Keyhole Wire MADE IN THE USA



Arch Size	.016" x .022"	.019" x .025"
24.0 mm	4KL-224	4KL-624
26.0 mm	4KL-226	4KL-626
28.0 mm	4KL-228	4KL-628
30.0 mm	4KL-230	4KL-630
32.0 mm	4KL-232	4KL-632
34.0 mm	4KL-234	4KL-634
36.0 mm	4KL-236	4KL-636
38.0 mm	4KL-238	4KL-638
40.0 mm	4KL-240	4KL-640
42.0 mm	4KL-242	4KL-642
44.0 mm	4KL-244	4KL-644

#### T-Loop Wire



Arch Size	.016" x .022"	.017" x .025"	.019" x .025"
24.0 mm	TLP-224	TLP-424	TLP-624
26.0 mm	TLP-226	TLP-426	TLP-626
28.0 mm	TLP-228	TLP-428	TLP-628
30.0 mm	TLP-230	TLP-430	TLP-630
32.0 mm	TLP-232	TLP-432	TLP-632
34.0 mm	TLP-234	TLP-434	TLP-634
36.0 mm	TLP-236	TLP-436	TLP-636
38.0 mm	TLP-238	TLP-438	TLP-638
40.0 mm	TLP-240	TLP-440	TLP-640
42.0 mm	TLP-242	TLP-442	TLP-642
44.0 mm	TLP-244	TLP-444	TLP-644

## TruForce™ Stainless Steel 3-Strand Twist Wire Straight Lengths



- Light force levels with good flexibility
- 302SS Stainless Steel
- Smooth bright finish
- Made in the USA

Size	Archwire	Lengths	Spools
.0155"	705-201	705-101	705-106
.0175"	705-202	705-102	705-107
.0195"	705-203	705-103	705-108

Archwire	Lengths	Spools
10 per pack	14" lengths 10 per pack	30' per spool 1 per pack

## TruForce™ Stainless Steel 6-Strand Coaxial Wire Straight Lengths



- Light force levels with good flexibility
- 302SS Stainless Steel
- Smooth bright finish
- Made in the USA

Size	Archwire	Lengths	Spools
.0155"	705-501	705-401	705-301
.0175"	705-502	705-402	705-302

Archwire	Lengths	Spools
10 per pack	14" lengths 10 per pack	30' per spool 1 per pack

## TruForce™ Stainless Steel 8-Strand Braided Archwire

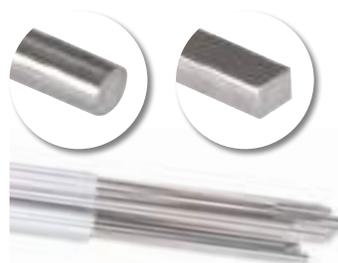


- Stable for finishing and holding
- 302SS Stainless Steel
- Gentle force levels with excellent torque control
- Smooth bright finish
- Does not unravel when cut
- Etched midline
- Made in the USA

.016" x .016"	710-100
.016" x .022"	710-101
.017" x .025"	710-102
.018" x .025"	710-103
.019" x .025"	710-104
.021" x .025"	710-105

10 per pack

## TruForce™ Stainless Steel Straight Lengths



- 302SS Stainless Steel
- Made in the USA

.014"	900-101
.016"	900-102
.018"	900-103
.020"	900-104
.016" x .016"	900-114
.016" x .022"	900-115
.017" x .025"	900-116
.018" x .018"	900-117
.018" x .025"	900-118
.019" x .025"	900-119
.021" x .025"	900-120

● **Round**  
14" lengths  
25 per pack

■ **Rectangle**  
14" lengths  
25 per pack

## TruForce™ Stainless Steel Retainer Wire Straight Lengths



- 302SS Stainless Steel
- High tensile strength
- Smooth bright finish
- Made in the USA

.022"	900-105
.025"	900-106
.026"	900-107
.028"	900-108
.030"	900-109
.032"	900-110
.036"	900-111
.040"	900-112
.045"	900-113

14" lengths  
25 per pack

## Open Coil Spring Spools



Open wound Stainless Steel wire designed to open spaces.

- 304V Stainless Steel
- Made in the USA

.010" x .030"	908-101
.010" x .036"	908-103

3' per spool  
1 per pack

## Closed Coil Spring Spools



Closed wound Stainless Steel wire designed to hold spaces.

- 304V Stainless Steel
- Made in the USA

.010" x .030"	908-102
---------------	---------

3' per spool  
1 per pack

# TruForce™

Stainless Steel

## TruForce™ Stainless Steel Preformed Ligature Ties

- High quality dead-soft 304 medical-grade Stainless Steel
- Made in the USA



.009" .....	906-101
.010" .....	906-102
.011" .....	906-103
.012" .....	906-104

1000 per pack

## TruForce™ Stainless Steel Kobayashi Ties

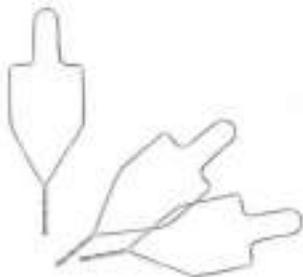
- High quality dead-soft 304 medical-grade Stainless Steel
- Quickly place retraction hooks on brackets without hooks
- Made in the USA



.010" .....	905-100
.012" .....	905-101
.014" .....	905-102

100 per pack

## TruForce™ Stainless Steel Preformed Shorty Ligature Ties



- High quality dead-soft 302 medical-grade Stainless Steel
- Twisted ends allow quick placement over brackets

.010" .....	906-105
-------------	---------

500 per pack

## TruForce™ Stainless Steel Kobayashi Shorty Ties



- High quality dead-soft 302 medical-grade Stainless Steel
- Spot welded hooks and twisted ends allow quick placement over brackets

.012" .....	905-105
.014" .....	905-103

100 per pack

.014"                      .012"



**URNS NITI  
SOFT INSTANTLY!**



## TruFlex™ Nickel Titanium Chilling Spray

- Quickly cool and shrink hot retainer material
- Turns NiTi wire soft instantly
- Makes fitting or adjusting easy
- Instantly chills wire down to -62°F/-52°C
- Made in the USA

Item #: OT-2200  
10 oz (284 gm) per can  
1 per pack

Hazardous materials, special shipping required.



## TruForce™ Stainless Steel Spooled Ligature Wire

- High quality dead-soft 304 medical-grade Stainless Steel
- Diamond drawn bright finish
- Made in the USA

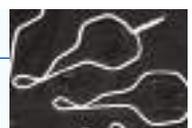
.010" .....	720-100
-------------	---------

1 lb/454 gm per spool  
1 per pack



**TRY OUR...**

**Tooth Tone® Coated  
and TruGold™ 24K Gold Plated  
Preformed Ligature Ties and  
Kobayashi Shorty Ties**



See pages 90-91

MADE IN THE USA

# Tooth Tone®

## COATED ARCHWIRE



### Tooth Tone® Coated Nickel Titanium Full Form Archwires

MADE IN THE USA

The same great features as our TruFlex Nickel Titanium archwires with a durable tooth colored overcoat which offers superior aesthetics, stain resistance, and low friction.



© 2009 Ortho Technology, Inc.

● Round	▲ Upper	▼ Lower
.014"	6000-601	6000-701
.016"	6000-602	6000-702
.018"	6000-603	6000-703
.020"	6000-604	6000-704
■ Rectangle		
.016" x .022"	6000-607	6000-707
.018" x .018"	6000-608	6000-708
.019" x .025"	6000-611	6000-711
.021" x .025"	6000-613	6000-713
.020" x .020"	6000-612	6000-712

● Round  
10 per pack

■ Rectangle  
10 per pack

**Note:** Size shown is finished size. Tooth Tone coating adds .002" thickness to diameter.



### Tooth Tone® Coated Stainless Steel Full Form Archwires

● Round	▲ Upper	▼ Lower
.014"	8000-802	8000-902
.016"	8000-803	8000-903
.018"	8000-804	8000-904
.020"	8000-805	8000-905
■ Rectangle		
.016" x .022"	8000-807	8000-907
.017" x .025"	8000-809	8000-909
.018" x .018"	8000-810	8000-910
.019" x .025"	8000-815	8000-915
.021" x .025"	8000-814	8000-914
.020" x .020"	8000-817	8000-917

● Round  
10 per pack

■ Rectangle  
10 per pack

**Note:** Size shown is finished size. Tooth Tone coating adds .002" thickness to diameter.

### Tooth Tone® Coated Preformed Shorty Ties



- Durable coating
  - Stainless steel
- .010" wire (.012" coated)  
Item #..... 907-105  
100 per pack

### Tooth Tone® Coated Preformed Ligature Ties



- Stainless steel
  - Made in the USA
- .010" wire (.012" coated)  
Item #..... 907-102  
100 per pack

### Tooth Tone® Nickel Titanium Open Coil Springs



- Consistent force level
  - Coated for superior aesthetics
- 7" Lengths**  
.012" x .030" ..... 907-003  
(.014" x .032" coated)  
3 springs per pack

### Tooth Tone® Coated Kobayashi Shorty Ties



- Durable coating
  - Stainless steel
- .012" wire (.014" coated)  
Item #..... 907-115  
100 per pack

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# TruGold™

## 24K GOLD PLATED ARCHWIRE

### TruGold™ 24K Gold Plated Nickel Titanium Full Form Archwires

MADE IN THE USA

#### Real 24K Gold Plating

Get all the aesthetic benefits and elegance of gold plating while also getting the features of our Nickel Titanium and Stainless Steel archwires.

● Round	▲ Upper	▼ Lower
.012"	GN-012	GN-112
.014"	GN-014	GN-114
.016"	GN-016	GN-116
.018"	GN-018	GN-118
.020"	GN-020	GN-120
<b>■ Rectangle</b>		
.016" x .016"	GN-041	GN-141
.016" x .022"	GN-042	GN-142
.017" x .025"	GN-044	GN-144
.018" x .018"	GN-045	GN-145
.018" x .025"	GN-046	GN-146
.019" x .025"	GN-048	GN-148
.020" x .020"	GN-049	GN-149
.021" x .025"	GN-050	GN-150



● Round  
10 per pack

■ Rectangle  
10 per pack

### TruGold™ 24K Gold Plated Stainless Steel Full Form Archwires

MADE IN THE USA

● Round	▲ Upper	▼ Lower
.014"	GSF-014	GSF-114
.016"	GSF-016	GSF-116
.018"	GSF-018	GSF-118
.020"	GSF-020	GSF-120
<b>■ Rectangle</b>		
.016" x .016"	GSF-041	GSF-141
.016" x .022"	GSF-042	GSF-142
.017" x .025"	GSF-044	GSF-144
.018" x .025"	GSF-046	GSF-146
.019" x .025"	GSF-048	GSF-148
.021" x .025"	GSF-050	GSF-150

● Round  
10 per pack

■ Rectangle  
10 per pack

### TruGold™ 24K Gold Plated Preformed Ligature Ties



- Real 24K gold plating
  - Stainless steel
  - Made in the USA
- .010" ..... G906-102  
100 per pack



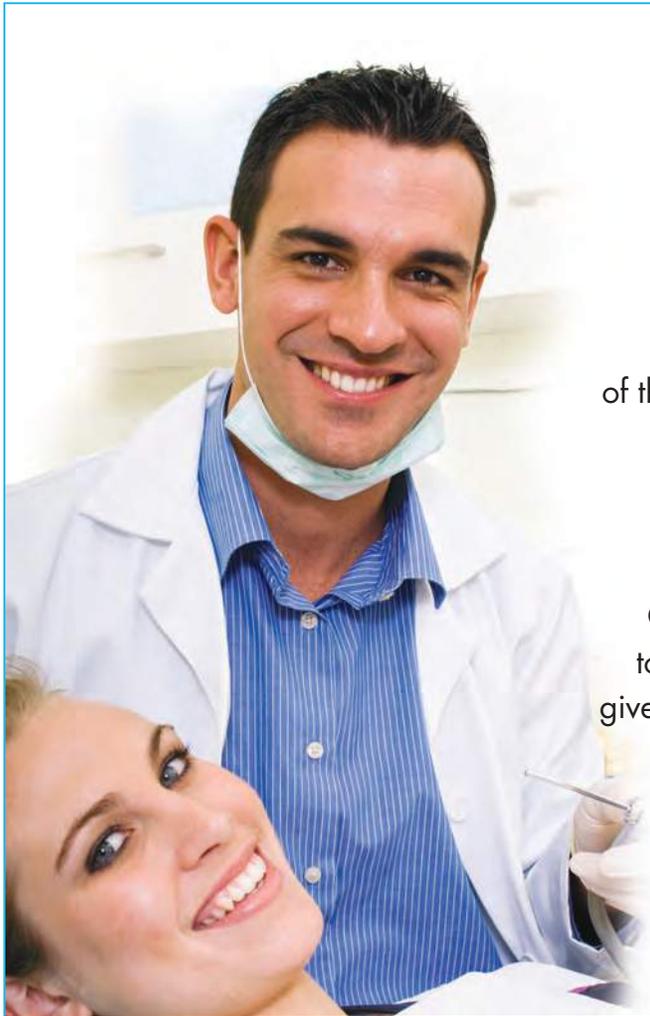
#### TRY OUR...

### Marquis™ TruGold™ 24K Gold Plated Bracket System

See page 52



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## We Give Back

Ortho Technology is a proud Founder Level Partner of the American Association of Orthodontists Foundation.

Ortho Technology is committed to making a positive difference in the future of the orthodontic community.

Ortho Technology has always been deeply committed to the orthodontic industry and is pleased to be able to give back to the profession by partnering with the AAOF.



## Reduce Emergency Visits! No More Poking Archwires! Crimpable Mini Stops

- Extremely low profile and small in size, making them more aesthetically pleasing than typical crimpable stops
- Very comfortable for the patient due to the small size
- Slides easily onto the archwire for customized placement
- Crimps easily into place with Weingart Style Utility Pliers
- 2.0 mm in length
- Stainless steel
- Made in the USA



### Mini Stops - Small

Standard Packs ..... 020-200  
Large Economy Packs.... 100003  
For wire sizes .012" through .018"

### Mini Stops - Large

Standard Packs ..... 020-300  
Large Economy Packs... 100004  
For rectangular wires .014" x .025" through .019" x .025" and square wires up to a maximum of .020" x .020"

**Large Economy Packs**  
50 per pack



**Standard Packs**  
25 per pack

## Tooth Tone® Crimpable Mini Stops



- Durable aesthetic coating
- For total aesthetic treatment
- Very comfortable to the patient

- Slides easily onto the archwire
- 2.0 mm in length

**Coated Mini Stops - Small**  
Item #: 907-000  
For round wires up to .018"  
25 per pack

**Coated Mini Stops - Large**  
Item #: 907-001  
For square wires up to .020" x .020" rectangular wires up to .019" x .025"  
25 per pack

## Crimpable Split Stops

- Metal injected molded
- Stainless steel

- Made in the USA

Item #: 020-100  
For round and rectangular wires up to .021" x .025"  
10 per pack





## Perfect for TAD Use! Crimpable Archwire Hooks with Split Archwire Opening

- Excellent for use with miniscrew attachments
- Easily and securely attach closed coil springs or any auxiliary attachments
- Can be placed onto archwires inside or outside of the mouth
- Curved 6.8 mm tall and fits archwires up to .022" x .025"
- Made in the USA



**TRY OUR...**  
**TAD Closed  
Coil Springs**  
See page 85



Patient Left ..... 20104L  
Patient Right ..... 20104R  
20 per pack



## Crimpable Bi-Directional Ball Hooks with Split Archwire Opening

- Easily place onto any size archwire inside or outside of the mouth
- Secure anchor for any auxiliary attachment
- Bi-directional hook for easy ligation
- Smooth for patient comfort
- High quality stainless steel
- Fits archwires up to .022" x .025"
- Made in the USA

**Short: 1.6 mm tall**  
Item #: 20102  
20 per pack

**Long: 3.3 mm tall**  
Item #: 20103  
20 per pack



## Tooth Tone® Aesthetic Coated Crimpable Bi-Directional Ball Hooks

- Split archwire opening
- For total aesthetic treatment
- Very comfortable to the patient
- Crimps securely to archwire
- 3.3 mm tall

Item #: 907-002  
Fits archwires up to .022" x .025"  
20 per pack

## Crimpable Ball Hooks with Slide-On Archwire Opening

**Slide-on Ball Hooks: 3.2 mm tall**   ▪ Made in the USA  
**Small**

Item #: 014-214  
Fits archwires up to .018" x .025"

**Large**  
Item #: 014-215  
Fits archwires up to .021" x .025"  
20 per pack



## Crimpable Ball Hooks with Split Archwire Opening

- Made from high quality stainless steel
- Smooth, rounded ball hooks can be placed precisely without removing the archwire
- Crimps to rectangular archwires up to .022" x .025"
- Made in the USA

**Split Ball Hooks: 3.3 mm tall**  
Item #: 20105  
20 per pack

**Split Ball Hooks: 3.2 mm tall**  
Item #: 014-114  
Fits archwires up to .018" x .025"  
Item #: 014-115  
Fits archwires up to .021" x .025"  
20 per pack





## Crimpable Cross Tubes

- Easily connect auxiliary and custom attachments to archwire
- Perfect for all orthodontic anchorage systems
- Diverse TAD technique use
- High quality stainless steel
- Made in the USA



Item #: 100310  
2.0 mm length, .022" slot  
10 per pack



## Crimpable Double Tubes

- Easily connect auxiliary and custom attachments to archwire
- Perfect for all orthodontic anchorage systems
- Diverse TAD technique use
- High quality stainless steel
- Made in the USA



Item #: 100300  
3.0 mm length, .022" slot  
10 per pack

## Direct Bond Eyelets Round Base

- Made in the USA

Item #: 025-100  
3.5 mm diameter two piece flat base  
10 per pack



## Direct Bond Eyelets Rectangle Base

- Made in the USA

Item #: 025-000  
3.75 mm x 3.0 mm one piece curved base  
10 per pack



## Direct Bond Buttons Round Base

- Made in the USA

Item #: 400-202R  
3.5 mm diameter curved one piece base  
10 per pack



## Direct Bond Buttons Rectangle Base

- Made in the USA

**A.** Oval Flat..... 400-201  
**B.** Oval Curved ..... 400-202  
3.88 mm x 2.48 mm one piece base  
10 per pack



## Perfect for Aligner Systems!



### OrthoFlex™ Rectangular Composite Buttons

- Aesthetically pleasing appearance
- Durable stain resistant material
- Secure dovetail base design
- Made in the USA

Item #: OT-2344  
2.85 mm x 2.05 mm one piece base  
10 per pack



### OrthoFlex™ Round Composite Buttons

- Small round shape
- Retains elastics from any angle
- Securely bonds on lingual or labial surfaces
- Composite material for superior aesthetics
- Rounded low profile design for exceptional comfort
- Made in the USA



Item #: OT-3300  
2.9 mm one piece base  
10 per pack

# TruEase™

## Bite Corrector Devices

**Innovative** Orthodontic Intraoral Devices  
for the Correction of **Class II** and **Class III** Cases



TruEase™ Double Lock  
Bite Corrector

TruEase™ Anchor Wire  
Bite Corrector

Anchor Wire Bite Corrector

Enclosed Nickel Titanium Springs

Titanium Clamps & Screws



### Better Results with More Efficiency

Help your non-compliant patients make the transition to an ideal Class I molar relationship quicker and with more comfort than any other bite-corrector device available, using the TruEase Bite Corrector Device.

- **Bands/Headgear Tubes Not Required**

The Double Lock Bite Corrector attaches directly onto the archwire, without removal, and locks into place; no headgear tube or band required.

- **Quick and Easy Installation**

Placement can be done chairside in minutes with "out-of-the-box" installation. No waiting for your lab to fabricate an appliance

- **Universal Orientation**

Appliances are bi-directional, eliminating extra part numbers and placement mix-up

- **No Adjustment or Reactivation Needed**

The enclosed Nickel Titanium springs exert continuous low forces until removal for predictable results

- **More Comfortable than Open-Spring Correctors**

The fully enclosed spring is more hygienic and has no exposed mechanisms to impinge soft tissue

- **Versatile**

Applicable for both extraction and non-extraction cases, with two styles to choose from: Double Lock and Anchor Wire

- **Perfect for Non-Compliant Patients**

Get maximum results with minimal patient cooperation

# TruEase™

Bite Corrector Devices

## Case Studies

### Superior Results in Less Time

Class II / III correction with standard techniques can take anywhere from 6 to 12 months, often requiring frequent attention. The TruEase Bite Corrector can provide the same treatment results in half the time without the need for patient compliance or spring reactivation. Simply install in one appointment and let it work for you.

### Class II Case Study

Patient with Class II, 1st division malocclusion and increased overbite and overjet.

### No Bands & Headgear Tubes Needed



*"The TruEase Double Lock version attaches directly onto orthodontic archwires without the necessity of laboratory work, and allows lateral mandibular movements."*

- Dr. Pablo Echarri, Orthodontist

### INITIAL



### PLACEMENT



### AFTER



**CREATE A FIGURE 8 WIRE TIE FOR STABILITY**

**TruForce™ Stainless Steel Preformed Ligature Ties**

See page 89



# TruEase™

Bite Corrector Devices



## Case Studies

### Class III Case Study

Patient with Class III, missing upper canines, using the TruEase Double Lock Bite Corrector Device.

#### INITIAL



#### PLACEMENT

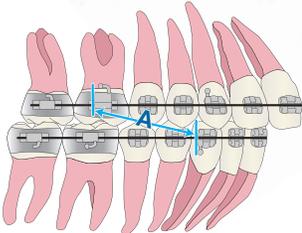


#### AFTER



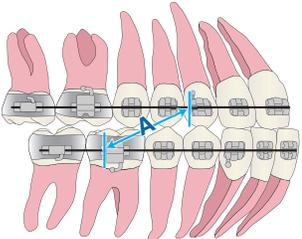
## Measurement Instructions

### TruEase Bite Corrector Anchor Wire Device



(Figure 1A)

- Class II**
1. Have the patient bite down
  2. Measure from the distal edge of the lower cuspid bracket to the distal end of the upper molar facebow tube (Figure 1A).



(Figure 1B)

- Class III**
1. Have the patient bite down
  2. Measure from the distal edge of the upper cuspid bracket to the distal end of the lower 1st molar lip bumper tube (Figure 1B).

See the chart below for measurement ranges (A) and part numbers.

"A" Measurement	
Minimum to Maximum	Item Number
27 mm - 36 mm	TEBC211
32 mm - 48 mm	TEBC210

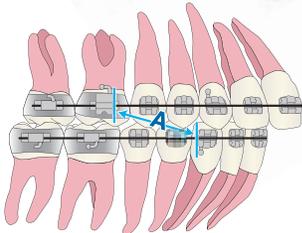
### TruEase Bite Corrector Anchor Wire Kit

Standard Size (32.0-48.0 mm)..... TEBC210  
 Small Size (27.0-36.0 mm) ..... TEBC211  
 2x interchangeable springs, 1x double end locking tool, and detailed step-by-step instructions

### Replacement Parts

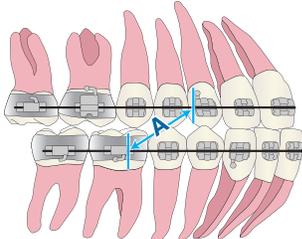
1x Double Ended Locking Tool ..... TEBC213  
 4x Screws ..... TEBC218

### TruEase Bite Corrector Double Lock Device



(Figure 2A)

- Class II**
1. Have the patient bite down
  2. Measure from the distal edge of the lower cuspid bracket to the mesial end of the upper 1st molar tube (Figure 2A).



(Figure 2B)

- Class III**
1. Have the patient bite down.
  2. Measure from the distal edge of the upper cuspid bracket to the mesial end of the lower 1st molar tube (Figure 2B).

See the chart below for measurement ranges (A) and part numbers.

"A" Measurement	
Minimum to Maximum	Item Number
27 mm - 36 mm	TEBC215
23 mm - 32 mm	TEBC216

### TruEase Bite Corrector Double Lock Kit

Standard Size (27.0-36.0 mm)..... TEBC215  
 Small Size (23.0-32.0 mm) ..... TEBC216  
 2x interchangeable springs, 1x double end locking tool, 4x bite corrector screws, and detailed step-by-step instructions

### Presentation Typodonts

Anchor Wire ..... G31-023  
 Double Lock ..... G31-024  
 Anchor Wire/Double Lock Combination..... G31-025

Attachments



# The Spider Screw® System

The Spider Screw's geometry is a result of careful design in every single detail. In fact, the Spider Screw has obtained two international patents since its inception, due to its innovative characteristics: the simultaneous presence of the external and internal rectangular slots and round internal slots.

The Spider Screw's design is extremely versatile, due to its small dimensions and unique design. It is easily placed in either the maxilla or mandible, even where access is limited and bone quality is less than ideal. Placement is simplified by the self-drilling feature found in the K1 Plus, K2 Plus, K1 and K2 Spider Screw systems. Spider Pin requires pre-drilling.

The Spider Screw has been developed to offer a number of versatile anchorage options capable of immediate loading. Immediate loading is possible because the Spider Screw is a non-osteointegrable implant and consequently force can be applied immediately after placement. The applied force can range from 50 to 300 grams depending on screw choice, bone quality, and the desired orthodontic movement.

The Spider Screw is an anchorage device that can be used during every phase of orthodontic treatment and is suitable for symmetric or asymmetric anchorage. The Spider Screw assists in the success of orthodontic treatment, both in adults and adolescents, by reducing treatment times without patient compliance.

The Spider Screw package includes three removable labels containing important information (device name, reference code, lot number, etc.) which is to be applied to the patient's record card for traceability. Our sterile packaging ensures the Spider Screws are ready to use whenever you need them, saving your office valuable processing time. The screws have been cleaned, decontaminated and sterilized via gamma radiation, simply use sterile handling protocol.

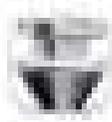


Anchorage



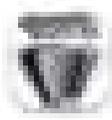
## Orthodontic Head

- Designed to facilitate appliance (wires, springs, etc.) placement
- Features two intersecting .022" slots
- Under tie-wing area also functions as another .022" x .025" slot featuring two intersecting slots of .027" in diameter
- Chamfered inlets simplify insertion of wires or ligatures
- Small head dimension is designed for patient comfort



## Transmucosal Portion

- Variable length allows for optimal adaptation to different intraoral mucosa thicknesses during bio-maintenance
- Short length for areas of thinly attached gingiva
- Long for areas with thick or freely movable tissues
- Polished with a special treatment to help avoid soft tissue irritation and make cleaning easier to accomplish



## Intrabony Portion

- Thread shape has an asymmetrical profile for easy placement
- Ensures maximum stability and avoidance of bone stress
- Self-drilling and self-tapping makes pre-drilling before insertion unnecessary dependent upon bone structure
- Easy to place while reducing the risk of root damage



## Clinical Cases

- Intrusion Posterior Areas
- Direct Anchorage Uprighting and Molar Intrusion
- Class II Correction
- Lower Molar Protraction Indirect Anchorage
- Molar Uprighting and Intrusion

Visit our website for detailed case studies and before/after photos

# Spider Screw®

## Temporary Anchorage Device System

Made From High Quality Materials

- Grade 5 titanium construction
- Nickel-free for sensitive patients
- One per pack



### Self-Ligating K1 Plus Series

#### Conical: Self-Drilling Thread

The Spider Screw Self-Ligating TAD - K1 is self-drilling and self-tapping. Due to the design of the conical thread, drilling is eliminated in most areas of the mouth. In areas of high bone density, it may be necessary to utilize the 1.1 mm drill provided to penetrate the cortical plate. The locking head is color coded pink for easy identification.



Long Neck – 2.0 mm	
Length	Item #
6.5 mm	SXL-1506
8.0 mm	SXL-1508
10.0 mm	SXL-1510
3.9 mm diameter head 1.5 mm diameter body	

### Self-Ligating K2 Plus Series

#### Conical: Self-Drilling Thread

The Spider Screw Self-Ligating TAD - K2 is self-drilling and self-tapping. Due to the design of the conical thread, drilling is eliminated in most areas of the mouth. In areas of high bone density, it may be necessary to utilize the 1.2 mm drill provided to penetrate the cortical plate. The locking head is color coded green for easy identification.



Long Neck – 2.0 mm	
Length	Item #
6.0 mm	SXL-1906
7.0 mm	SXL-1907
9.0 mm	SXL-1909
11.0 mm	SXL-1911
3.9 mm diameter head 1.9 mm diameter body	

### K1 Series

#### Conical: Self-Drilling Thread

The Spider Screw - K1 is self-drilling and self-tapping. Due to the design of the conical thread, drilling is eliminated in most areas of the mouth. In areas of high bone density, it may be necessary to utilize the 1.1 mm drill provided to penetrate the cortical plate.



Short Neck – 1.0 mm	
Length	Item #
6.5 mm	SCR-1506
8.0 mm	SCR-1508
10.0 mm	SCR-1510
3.4 mm diameter head 1.5 mm diameter body	



Long Neck – 2.0 mm	
Length	Item #
6.5 mm	SCL-1506
8.0 mm	SCL-1508
10.0 mm	SCL-1510
3.4 mm diameter head 1.5 mm diameter body	

### K2 Series

#### Conical: Self-Drilling Thread

The Spider Screw - K2 is self-drilling and self-tapping. Due to the design of the conical thread, drilling is eliminated in most areas of the mouth. In areas of high bone density, it may be necessary to utilize the 1.2 mm drill provided to penetrate the cortical plate.



Short Neck – 1.0 mm	
Length	Item #
6.0 mm	SCR-1906
7.0 mm	SCR-1907
9.0 mm	SCR-1909
11.0 mm	SCR-1911
3.4 mm diameter head 1.9 mm diameter body	



Long Neck – 2.0 mm	
Length	Item #
6.0 mm	SCL-1906
7.0 mm	SCL-1907
9.0 mm	SCL-1909
11.0 mm	SCL-1911
3.4 mm diameter head 1.9 mm diameter body	

### Spider Pin™

#### Cylindrical: Pre-Drilling Thread

The Spider Pin is self-tapping and requires pre-drilling. It is ideal for areas where a reduced size head is required and the infrabony portion is narrow. The simple design increases patient comfort and makes it easy to attach coil springs or elastic chains.



Long Neck – 2.0 mm	
Length	Item #
8.0mm	SCL-1308
2.6 mm diameter head 1.3 mm diameter body	



Long Neck – 2.0 mm	
Length	Item #
10.0mm	SCL-1310
2.6 mm diameter head 1.3 mm diameter body	

**Individual Self-Ligating K1 & K2 Plus Series Screws**  
Packaged sterile

**Individual K1 & K2 Screws**  
Packaged sterile

**Individual Spider Pins**  
Packaged sterile

Short Neck: Reduced neck height for thin tissue (anterior and lateral areas) Long Neck: Oversize neck height for soft thick tissue (posterior and lateral areas)



# Spider Screw<sup>®</sup> Self-Ligating TAD



The locking head is color coded for easy identification and product selection



Head slot fits wires up to .018" x .022"

Long collared neck

Asymmetrical threads for easy placement and stability

Self-drilling and self-tapping with no pre-drilling required



**Insert wire and turn Spider Screw Self-Ligating TAD head 90° with Self-Ligating Driver to secure**

© 2018 Ortho Technology, Inc. Spider Screw is a registered trademark of Ortho Technology. Spider Screw Self-Ligating TAD is patented in the European Union and United States.



# Spider Screw Self-Ligating TAD Starter Kit

- 1x 1.1 mm x 8.0 mm drill - K1
- 1x 1.3 mm x 9.0 mm drill - K2
- 1x Pick-up driver shaft - SXL
- 1x Contra angle pick-up driver short - SXL
- 1x Self-ligating TAD key
- 1x Handle driver - SXL
- 1x Screw driver body
- 1x Organizer

Entire Kit Can Be Sterilized

- Autoclavable up to 273°F/134°C
- Heat Sterilizable up to 356°F/180°C
- Chemiclavable up to 297°F/132°C

**Spider Screw Self-Ligating Starter Kit**  
Item #: CSS-6008

**Replacement Organizer**  
Item #: CSS-6000

**1 Year Warranty on Instruments**



## Included in Starter Kit



**8.0 mm Drill - K1**  
Item #: FSC-1108-S  
1.1 mm x 8.0 mm



**9.0 mm Drill - K2**  
Item #: FSC-1309  
1.3 mm x 9.0 mm



**Pick-Up Driver Shaft - SXL**  
Item #: DSP-5652S  
52.0 mm



**Contra Angle Pick-Up Driver Short - SXL**  
Item #: DPQ-3420  
20.0 mm



**Self-Ligating TAD Key**  
Item #: DXL-2820



**Handle Driver - SXL**  
Item #: DSQ-3424



**Screw Driver Body**  
Item #: DSX-1690N-S

## Optional Items



**Contra Angle Pick-Up Driver Long - SXL**  
Item #: DPQ-3425  
25.0 mm



**Great for Larger Hands** or for a **Firmer Grip**  
**Optional Round Replacement End for Screw Driver Body DSX-1690N-S**  
Item #: RCX-2545



**Wide and Round End Handles** provide easier, more ergonomic grip for larger hands  
**Screw Driver Body Wide Handle**  
Item #: DSX-1690RC



## Spider Screw K1, K2 Starter Kit

- 1x 1.1 mm x 8.0 mm drill - K1
- 1x 1.3 mm x 9.0 mm drill - K2
- 1x Pick-up driver shaft
- 1x Cross driver shaft
- 1x Contra angle pick-up driver
- 1x Handle driver
- 1x Screw driver body
- 1x Organizer

Entire Kit Can Be Sterilized

- Autoclavable up to 273°F/134°C
- Heat Sterilizable up to 356°F/180°C
- Chemoclavable up to 297°F/132°C

### Spider Screw Starter Kit

Item #: CSS-4008

### Replacement Organizer - K1, K2

Item #: CSS-4000

### 1 Year Warranty on Instruments



Built-in millimeter scale ensures correct Spider Screw selection



### Included in Starter Kit



**8.0 mm Drill - K1**  
Item #: FSC-1108-S  
1.1 mm x 8.0 mm



**9.0 mm Drill - K2**  
Item #: FSC-1309  
1.3 mm x 9.0 mm



**Pick-Up Driver Shaft**  
Item #: DSP-5052N-S  
52.0 mm



**Cross Driver Shaft**  
Item #: DSX-2852N-S  
52.0 mm



**Contra Angle Pick-Up Driver**  
Item #: DPQ-2820-S  
20.0 mm



**Handle Driver**  
Item #: DSQ-2824-S



**Screw Driver Body**  
Item #: DSX-1690N-S

### Optional Items



- Automatically releases when the calibrated torque is reached to avoid overloading
- Torque can be set from 5 to 20 Ncm
- Helps eliminate screw breakage

### Torque Screw Driver Body

Item #: DST-1600-S<sup>«</sup>

*Note: Pickup driver sold separately. Sterilizable, see instructions for details.*



**10.0 mm Drill**  
Item #: FSC-1210-S<sup>«</sup>  
1.2 mm x 10.0 mm



**Contra Angle Pick-Up Driver**  
Item #: DPQ-2825  
25.0 mm



**Pick-Up Handle Driver**  
Item #: DPH-2824-S



**Contra Angle Cross Driver**  
Item #: DPX-2830-S  
30.0 mm



<sup>«</sup>Available by special order. Additional shipping time may be required.



# Spider Pin™

## Temporary Anchorage Device System

### For Areas Where a Reduced Head Size is Required

- Simple and easy to use
- Smooth, rounded design for patient comfort
- Perfect for NiTi closed coil spring attachments
- Infrabony portion diameter is 1.3 mm at the widest point
- Ideal for narrow interproximal spaces
- Requires no patient cooperation and reduces treatment time
- Self-tapping and requires pre-drilling



## Spider Pin Starter Kit

### 1.3 mm Diameter

- 1x 0.9 mm x 10.0 mm drill
- 1x Contra angle pick-up driver - pin
- 1x Short handle driver - pin
- 1x Pick-up handle driver shaft - pin
- 1x Screw driver body
- 1x Organizer

Entire Kit Can Be Sterilized

- Autoclavable up to 273°F/134°C
- Heat Sterilizable up to 356°F/180°C
- Chemoclavable up to 297°F/132°C

#### Spider Pin Starter Kit

Item #: CSS-3006

1 Year Warranty on Instruments



### Included in Starter Kit



**10.0 mm Drill - Pin**  
Item #: FSC-0910-S«  
0.9 mm x 10.0 mm



**Contra Angle Pick-Up Driver - Pin**  
Item #: DPQ-2322-S«  
20.0 mm



**Pick-Up Handle Driver Shaft - Pin**  
Item #: DSP-2352N-S«  
52.0 mm



**Short Handle Driver - Pin**  
Item #: DSQ-2324-S«



**Screw Driver Body**  
Item #: DSX-1690N-S«  
99.0 mm

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MADE IN THE USA



## Maximum™ Power Chain

- Superior color stability, fade resistant
- High elasticity and excellent rebound
- Medical grade polyurethane
- Non-Latex\*

	 <b>Closed</b>	 <b>Short</b>	 <b>Long</b>
Gray	430-101	440-101	450-101
Clear	430-102	440-102	450-102
Tooth	430-103	440-103	450-103
Royal Blue	430-104	440-104	450-104
Light Blue	430-105	440-105	450-105
Purple	430-106	440-106	450-106
Lavender	430-107	440-107	450-107
Red	430-108	440-108	450-108
Maroon	430-109	440-109	450-109
Black	430-110	440-110	450-110
White	430-111	440-111	450-111
Yellow	430-112	440-112	450-112
Pink	430-113	440-113	450-113
Aqua	430-114	440-114	450-114
Neon Green	430-115	440-115	450-115
Kelly Green	430-116	440-116	450-116
Dark Green	430-117	440-117	450-117
Orange	430-118	440-118	450-118
Teal	430-119	440-119	450-119
Fuchsia	430-126	440-126	450-126
Turquoise	430-127	440-127	450-127
Violet	430-129	440-129	450-129
Navy Blue	430-130	440-130	450-130
Cobalt Blue	430-133	440-133	450-133
Sky Blue	430-170	440-170	450-170
Blue Pearl	430-172	440-172	450-172
Pearl	430-171	440-171	450-171
Metallic Silver	430-120	440-120	450-120
Metallic Gold	430-121	440-121	450-121
Fluorescent Pink	430-160	440-160	450-160
Glow "Classic"	430-150	440-150	450-150

Make Color Selection Fun!

**Elastomeric Color Palette**  
For Selection of Maximum Power Chain & Power Stick Elastomerics

Item #: 400-000  
6 3/8" W x 4 3/8" H  
1 per pack

## Extreme™ Elastomeric Chain

Highest possible tensile strength with less deformation over an extended period of time when compared to regular chains. Extreme™ Chain offers superior rebound qualities, as material is thinner and 25% stiffer than maximum chain.



- Made in the USA
- 15' per spool (4.572 m)
- 1 per pack

	<b>Closed</b>	<b>Short</b>
 Extreme Clear	430-902	440-902
 Extreme Silver	430-920	440-920

15' per spool (4.572 m)  
1 per pack

\*Not made from natural rubber latex. Colors may vary.



## Elastomeric Color Palette

See page 104 for details

## Power Sticks™ Elastomeric Ligatures

- New secure grip tab design on Mini and Mid-Size Power Sticks
- Superior color stability, fade resistant
- Medical grade polyurethane (Non-Latex\*)
- Made in the USA

### Power Sticks

1,000 per pack (20 sticks of 50), .115" ligatures

### Mini Power Sticks

Each Mini Power Stick holds 10 ligatures to accommodate a single arch, reducing the potential risk of cross contamination.  
1,000 per pack (100 mini sticks of 10), .115" ligatures

	Power Stick	Mini Power Stick
Assorted Colors	404-000	N/A
Gray	404-001	407-001
Clear (Stain Resistant)	404-002	407-002
Tooth	404-003	407-003
Royal Blue	404-004	407-004
Light Blue	404-005	407-005
Purple	404-006	407-006
Lavender	404-007	407-007
Red	404-008	407-008
Maroon	404-009	407-009
Black	404-010	407-010
White	404-011	407-011
Yellow	404-012	407-012
Pink	404-013	407-013
Aqua	404-014	407-014
Neon Green	404-015	407-015
Kelly Green	404-016	407-016
Dark Green	404-017	407-017
Orange	404-018	407-018
Teal	404-019	407-019
Fuchsia	404-026	407-026
Turquoise	404-027	407-027
Violet	404-029	407-029
Navy Blue	404-030	407-030
Cobalt Blue	404-033	407-033
Sky Blue	404-070	407-070
Blue Pearl	404-072	407-072
Pearl	404-071	407-071
Metallic Silver	404-020	407-020
Metallic Gold	404-021	407-021
Fluorescent Pink	404-060	407-060
Glow "Classic"	404-050	407-050

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## Elastomeric Organizers



**MADE IN THE USA**  
Organizers do not include product.

### Combination

Item #: OT-CDW  
6¾"W x 5½"H x 9"D

### Maximum™ Power Chain

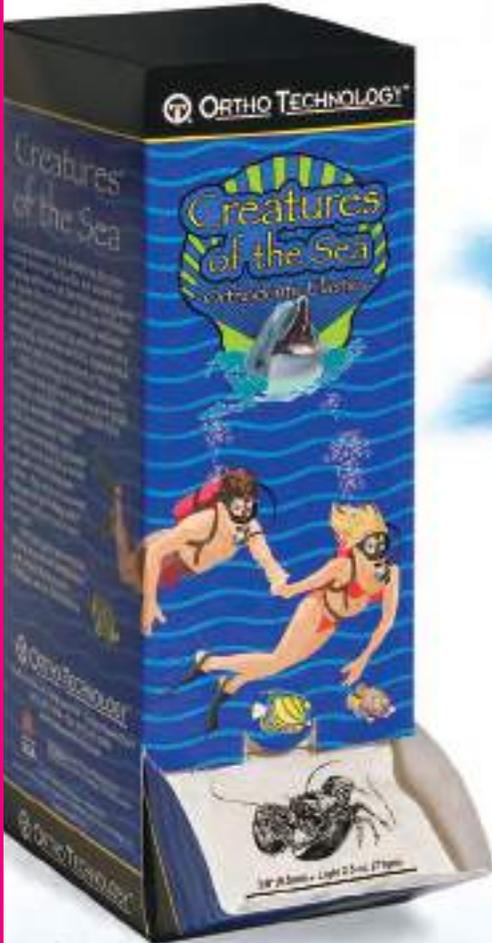
Item #: OT-PCD  
3¾"W x 4¼"H x 9¾"D

### Power Sticks™

Item #: OT-PSD  
10 ½"W x 5½"H x 5¼"D



## Creatures of the Sea Orthodontic Elastics



- Easy to use identification system
- High quality medical grade materials
- Delivers consistent and accurate force
- Tooth diagram aids in proper placement
- Light resistant patient packs

### Non-Latex\* Elastics

### Natural Latex Elastics

### Neon Latex Elastics

All elastics are packaged 50 patient packs of 100 elastics per pack.  
\*Not made from natural rubber latex.



### Elastic Directors

- Made in the USA
- Elastic directors make placing and removing elastics easy for patients.  
Item #: 500-307  
100 per pack, assorted blue, pink, green, and glow-in-the-dark.





				
<b>1/8" (3.2 mm)</b>	<b>3/16" (4.8 mm)</b>	<b>1/4" (6.4 mm)</b>	<b>5/16" (7.9 mm)</b>	<b>3/8" (9.5 mm)</b>

<b>Light</b> 2.5 oz. (71 gm)	Lion Fish 	Seahorse 	Walrus 	Killer Whale 	Lobster 
	Natural Latex	500-101	500-102	500-103	500-104

<b>Medium</b> 4.5 oz. (128 gm)	Manta Ray 	Sea Otter 	Seal 	Dolphin 	Sea Turtle 	
	Natural Latex	500-201	500-202	500-203	500-204	500-205
	Neon Latex	500-401	500-402	500-403	500-404	500-405
Non-Latex*	500-201LF	500-202LF	500-203LF	500-204LF	500-205LF	

<b>Heavy</b> 6.5 oz. (184 gm)	Moray Eel 	Manatee 	Sea Lion 	Great White Shark 	Crab 	
	Natural Latex	500-301	500-302	500-303	500-304	500-305
	Neon Latex	500-501	500-502	500-503	500-504	500-505
Non-Latex*	500-301LF	500-302LF	500-303LF	500-304LF	500-305LF	

Force level is determined by measuring the force generated when the elastic is stretched three times its slack diameter.  
\*Not made from natural rubber latex.



## Creatures of the Sea® Elastic Organizer

Our elastics dispenser is constructed of high quality clear acrylic plastic and holds 5 boxes of elastics. Designed for counter top or wall mounting.

**MADE IN THE USA** Item #: OT-OEDS  
17 1/4" wide x 10" tall x 4 1/4" deep



	<b>1/4" (6.4 mm)</b>	
	<b>5/16" (7.9 mm)</b>	
	<b>3/8" (9.5 mm)</b>	
	<b>1/2" (12.7 mm)</b>	

**MADE IN THE USA**

## Extraoral Latex Elastics

Delivers consistent and accurate force for extraoral applications. High quality medical grade materials.

**Force Level 16 oz (454 gm)**

Inner diameter

1/4" (6.4 mm).... 500-506    3/8" (9.5 mm).... 500-508  
5/16" (7.9 mm).... 500-507    1/2" (12.7 mm).. 500-509

1,000 elastics per pack

Elastomerics



## elast•O•loop<sup>2</sup><sup>TM</sup> orthodontic separators

### The Beginning of the End to Your Separation Anxiety

The unique protection knobs are molded lingually and labially to provide protection against sub-gingival loss. Additionally the knobs allow for easier removal prior to banding.

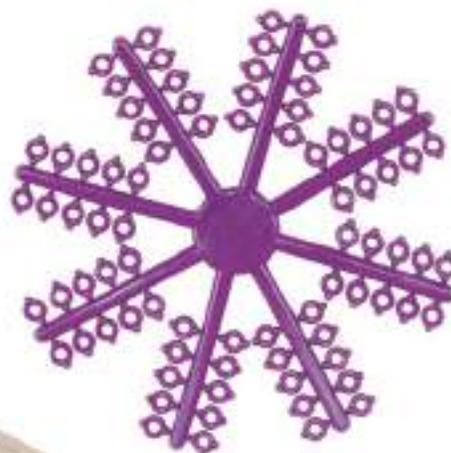
- Smooth molded design for patient comfort
- Non-Radiopaque: no barium sulphate to degrade the elastomeric memory
- Non-Latex\*
- Made in the USA

#### elast•O•loop<sup>2</sup> Separators

Item #: 480-300  
960 per pack

#### Separating Plier

Item #: OT-101  
Heat sterilizable up to  
370°F/188°C  
1 per pack

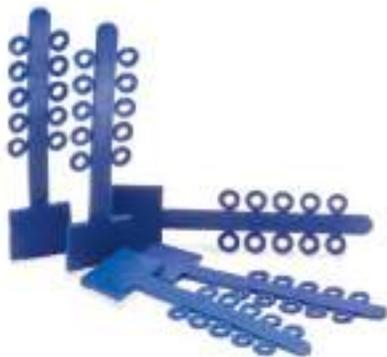


Elastomerics

### Radiopaque Separators

- Superior stretch and rebound
- Non-Latex\*
- Dark blue color
- Made in the USA

Item #: 480-306  
1,000 per pack



### Radiopaque Separators

- Smooth injection molded plastic
- Non-Latex\*
- Made in the USA

#### Posterior

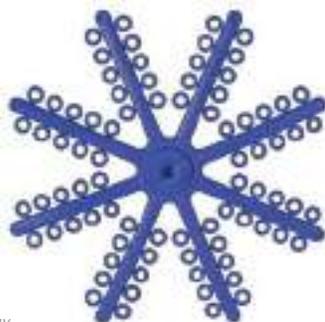
Blue ..... 480-302  
1,000 per pack



### Elast-o-loop Separators

- Smooth injection molded plastic
- Non-Latex\*
- Non-Radiopaque
- Made in the USA

Item #: 480-301  
960 per pack



### Rotation Wedges

Preformed tabs quickly snap over bracket tie wings for rotating individual teeth.

Gray ..... 577-303  
Clear ..... 577-304  
100 per pack



Elast-O-Loop<sup>2</sup> is a trademark of Ortho Technology.  
\*Not made from natural rubber latex.



## Elastic Thread

- Excellent stretch and rebound
- Stain resistant
- Non-Latex\*
- Made in the USA

### Elastic Thread - Solid

.020" Gray .....	490-099
.020" Clear .....	490-199
25' spools	
1 per pack	

\*Not made from natural rubber latex.

### Elastic Thread - Solid

.025" Gray .....	490-200
.025" Clear .....	490-201
.030" Gray .....	490-202
.030" Clear .....	490-203

### Elastic Thread - Hollow

.025" Clear .....	490-101
.030" Clear .....	490-103
50' spools	
1 per pack	

## Bumper Sleeve

- Excellent stretch and rebound
- Stain resistant
- Non-Latex\*
- Made in the USA

### Lip Bumper Sleeve

.018" Clear .....	490-401
.027" Gray .....	490-402
.027" Clear .....	490-403
10' spools	
1 per pack	

# Easy Online Ordering

[www.orthotechnology.com](http://www.orthotechnology.com)

**New Site. New Style.**  
Same Exceptional  
Customer Service.



**Responsive. Streamlined.**  
Place Orders with Ease.



# BONDING SUPPLIES

NOLA  
 MINI-MOLD™  
 ORTHOGAP®  
 RESILIENCE

- **Resilience® Orthodontic Bonding Solutions** \_\_ P. 111-115
  - Light-Cure Orthodontic Adhesive \_\_\_\_\_ P. 111
  - Low Viscosity Light-Cure Flowable Composite \_\_\_\_\_ P. 112
  - No-Mix Orthodontic Adhesive \_\_\_\_\_ P. 113
  - Orthodontic Etchant \_\_\_\_\_ P. 114
  - Light-Cure Band Cement \_\_\_\_\_ P. 115
- **GC Fuji ORTHO®** \_\_\_\_\_ P. 116-117
- **Cybird<sup>XD</sup> Advanced LED Curing Light** \_\_\_\_\_ P. 118
- **Mini-Mold™ Kit & Tips** \_\_\_\_\_ P. 119
- **Cheek & Lip Retractors** \_\_\_\_\_ P. 120-122
- **Nola Dry Field System** \_\_\_\_\_ P. 123
- **Orthogap® Disposable Bonding Pads** \_\_\_\_\_ P. 124
- **Bonding Brushes & Prophylaxis Paste** \_\_\_\_\_ P. 125
- **Microetcher™ Intraoral Sandblaster** \_\_\_\_\_ P. 126
- **Microcab Plus Dust Containment Unit** \_\_\_\_\_ P. 127
- **TruEtch™ Aluminum Oxide** \_\_\_\_\_ P. 127





# Resilience®

Orthodontic Bonding Solutions



## Light-Cure Orthodontic Adhesive

### Resilience® Light-Activated Orthodontic Bonding Systems

Provides the optimum properties for bonding ceramic, metal, or plastic brackets using light-cure technology. The smooth, tacky composite resin delivers ideal handling characteristics which eliminates bracket flotation and allows for easy flash clean up. Light activation provides additional working time to ensure accurate bracket placement. Produces a strong light cured chemical bond which also debonds easily. Archwires can be placed immediately after fully curing the brackets. Contains fluoride to help protect against potential decalcification.

#### A. Light-Activated Syringe Kit

Item #: FC-RESI-006  
 4x 3.5 gm syringes, 7 mL sealant resin, 1x 4 gm green gel etchant syringe with 5x 22 gauge syringe tips, 2x 10 cavity mixing wells, 1x 50 sheet mixing pad (1½" x 2½"), 1x brush holder with 40x ¾" brushes, and 10x 2" brushes

#### Separate Refill Components

Light-Activated Refill Syringe  
 Item #: FC-RESI-017  
 3.5 gm per syringe  
 Sealant Resin  
 Item #: FC-RESI-019  
 7 mL per bottle

#### B. Light-Activated Capsule Kit

Item #: FC-RESI-047  
 40x .35 gm capsules, 1x 7 mL sealant resin, 1x 9 gm green liquid etchant, 1x 50 sheet mixing pad (2 ¾" x 2 ¾"), and 50x 2" brushes

#### C. Light-Activated Introductory Kit

Item #: FC-RESI-006SK  
 1x 3.5 gm syringe adhesive, 1x 3 mL sealant, 5x 2 ½" bonding brushes, 1x instruction sheet

#### Separate Refill Components

Light-Activated Refill Capsules  
 Item #: FC-RESI-018  
 40x .35 gm capsules

An Independent Clinical Evaluation Concluded that Resilience® Light-Cure Adhesive is...

*"Recommended due to minimal bond failures."*

*"Very easy system to use."*

Rated "Excellent" in its clinical evaluation.



Conditioner/Primer\*  
 For use when bonding to special surfaces.  
 Plastic Conditioner  
 Item #: OT-PL  
 1x 15 mL bottle

Porcelain Conditioner\*  
 Item #: OT-PO  
 1x 15 mL bottle

Metal Primer\*  
 Item #: OT-ME  
 1x 15 mL bottle

\*Hazardous materials, special shipping required.



MADE IN THE USA

# Resilience®

Orthodontic Bonding Solutions

## Light-Cure Flowable Composite



### Resilience® Low Viscosity Light-Cure Flowable Composite

Resilience Low Viscosity Light-Cure Flowable Composite adhesive features a precision controlled syringe which prevents overflow and run-on. It ensures accuracy as it flows easily into difficult areas, but is reliable not to slump or run until light curing occurs. The disposable tip provides precise application, accessibility, and control resulting in excellent aesthetics. It is dependable, strong, and more resistant to shock and stress. It can be used in many ways such as bonding lingual retainers, Invisalign® attachments, occlusal build-ups for opening a posterior bite, indirect bonding, and much more! Contains fluoride to help protect against potential decalcification.

**A. LV Flowable Composite Kit**

Item #: FC-RESI-007  
 1x 1.6 gm syringe green etchant, 3x 2 gm flowable composite syringes, 1x 3 mL light cure enamel bonding sealant resin, 25x 22 gauge syringe tips, 10x 2½" bonding brushes, instructions

**B. LV Flowable Composite Syringe**

Item #: FC-RESI-008  
 1x 2 gm flowable composite syringe and 10x 22 gauge syringe tips

**C. Separate Refill Components**

Sealant Resin  
 Item #: FC-RESI-019  
 1x 7 mL bottle



**TRY OUR...**

**Braided Retainer Wire**

See page 149





A



B

# No-Mix Orthodontic Adhesive

## Resilience® Primer-Activated Orthodontic Bonding Systems

Provides the optimum properties for bonding ceramic, metal, or plastic brackets using a primer activated no-mix bonding system. This is a chemically cured system which does not require pre-mixing. The thick tacky composite resin delivers ideal handling characteristics which eliminates bracket flotation and allows for easy flash clean up. Produces a strong chemical bond which also debonds easily. Archwires can be placed 5 minutes after bonding the last bracket. Contains fluoride to help protect against potential decalcification.

### A. Primer-Activated Syringe Kit

Item #: FC-RESI-012  
 4x 3.5 gm syringes, 1x 9 mL enamel catalyst primer, 1x 4 gm green gel etchant syringe with 5x 22 gauge syringe tips, 2x 10 cavity mixing wells, 1x 50 sheet mixing pad (1 1/8" x 2 1/8"), 1x brush tip holder with 40x 3/4" brushes, and 10x 2" brushes

### B. Primer-Activated Syringe Introductory Kit

Item #: FC-RESI-012SK  
 1x 3.5 gm adhesive syringe, 1x 3 mL primer, 5x 2 1/2" bonding brushes, 1x instruction sheet

### Separate Refill Components

- Primer-Activated Syringe  
Item #: FC-RESI-024  
1x 3.5 gm syringe
- Enamel Catalyst Primer\*  
Item #: FC-RESI-027  
1x 9 mL bottle
- Conditioner/Primer\*  
For use when bonding to special surfaces.  
Plastic Conditioner  
Item #: OT-PL  
1x 15 mL bottle
- Porcelain Conditioner\*  
Item #: OT-PO  
1x 15 mL bottle
- Metal Primer\*  
Item #: OT-ME  
15 mL bottle

\*Hazardous materials, special shipping required.



# Resilience®

Orthodontic Bonding Solutions

MADE IN THE USA



- Green color provides highly visible contrast
- Gel stays where placed without overflowing
- Non-drying water soluble consistency
- Ideal medium viscosity
- 37% Phosphoric Acid



**16 gm Gel Etch Syringe Kit**  
 Item #: 501009  
 4x 4 gm syringes with 20x plastic Flowthru™ 22 gauge tips  
 Hazardous materials, special shipping required.



**12 gm Gel Etch Syringe**  
 Item #: 506102  
 1x 12 gm gel syringe, and 20x plastic tips  
 Hazardous materials, special shipping required.



**4 gm Gel Etch Syringe**  
 Item #: 506104  
 1x 4 gm gel syringe, and 5x plastic 22 gauge tips  
 Hazardous materials, special shipping required.



**Gel Etch Large Bottle**  
 Item #: 506101  
 1x 226 gm (8 oz) bottle

**Gel Etch Medium Bottle**  
 Item #: 506106  
 1x 57 gm (2 oz) bottle  
 Hazardous materials, special shipping required.



**Liquid Etch Large Bottle**  
 Item #: 506107  
 1x 29.6 mL (1 fl oz) bottle

**Liquid Etch Small Bottle**  
 Item #: 503204  
 1x 7 mL (.23 fl oz) bottle  
 Hazardous materials, special shipping required.



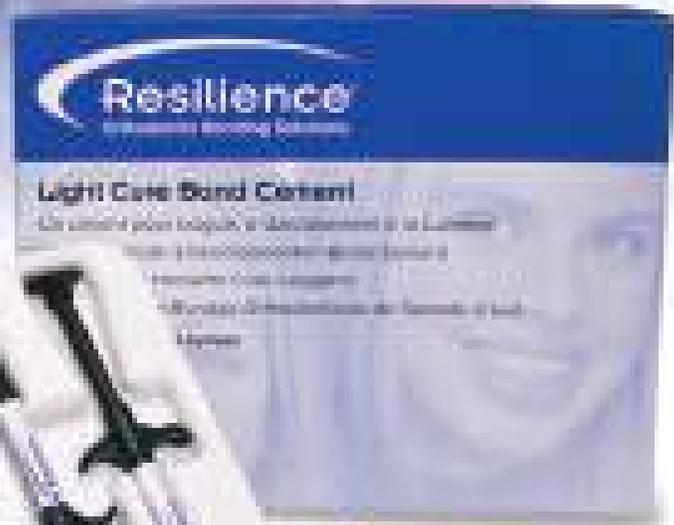


# Light-Cure Band Cement

## Blue Shade



Ideal Viscosity for Posterior Molar Pads



### Low Viscosity Gel Allows for Controlled Use! Resilience® Light-Cure Band Cement

**Light-Cure Single Component Push Syringes**

A light-activated band cement in a single paste system which provides a longer working time and a rapid setting time. Can be placed directly into bands. Excess flash is easy to clean up prior to the light curing and the cement is easy to see due to the blue color. Contains fluoride to reduce the chance of decalcification.

**Light-Cure Band Cement Kit**

Item #: FC-RESI-038  
6x 5 gm push syringes

**Refill Syringes**

Item #: FC-RESI-041  
1x 5 gm syringe

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## Discover The GC Fuji Difference Bonds Perfectly In A Wet Field!

### GC Fuji ORTHO™ LC Bracket Adhesive

- Bond in a Wet Field
- No Etch Required
- Significant Fluoride Release and Recharge



Now you can work faster and easier; and get all the strength needed, with little chance of decalcification (white spots) and enamel damage at debonding. Fuji ORTHO LC delivers benefits that composite resins cannot claim. A continual fluoride release promotes remineralization and helps maintain the soundness of the enamel.

- Clinically proven. Fuji ORTHO LC offers significant advantages over composite bonding systems and greatly reduces chairtime.
- Fuji ORTHO LC features low sensitivity to moisture and can be used in the presence of saliva.
- Fuji ORTHO LC bonds metal and porcelain brackets and metal bands to enamel.

#### Light Cure Standard Kit

Item #: 439403  
1x 40 gm powder, 2x 6.8 mL liquid, 1x scoop, and 1x mixing pad

#### Refill Components

Powder Refill  
Item #: 000029  
1x 40 gm bottle

#### Conditioner

Item #: 001820  
1x 25 gm bottle

#### Liquid Refill

Item #: 000030  
1x 6.8 mL bottle



### GC Fuji ORTHO™ LC Capsules

#### Capsules Refill Package

Item #: 439450  
50x Capsules (powder .33 gm - liquid .085 mL)

#### Conditioner

Item #: 001820  
1x 25 gm bottle

#### Fuji Capsule Applier

Item #: 437555





# GC Fuji ORTHO™ BAND Paste Pak

## Glass Ionomer Orthodontic Band Cement

The Paste Pak Dispenser saves time and reduces waste. It delivers consistent mixes every time - no matter how little or large a mix is required. A blue shade glass ionomer with a 3 minute working and 3 minute final set time.

### GC Fuji ORTHO BAND Paste Pak Starter Kit

Item #: 439460  
2x 13.3 gm cartridges, 1x  
dispenser, 1x mixing pad, and  
1x spatula

### Refill Components

Item #: 001888  
Refill Cartridges  
2x 13.3 gm Cartridges

Item #: 001573  
Cartridge Dispenser



# GC Fuji ORTHO™ LC Band Adhesive Paste Pak Automix

## No Mixing! No Measuring! A Perfect Mix Every Time!

- Light-cure for longer working time
- Moisture tolerant for wet field bonding
- Fluoride release aids in prevention of white spots
- Orange mixing tip aids in avoiding light interference
- Blue color makes the cement cleanup easier

### GC Fuji ORTHO™ BAND LC Paste Pak Automix Refill

Item #: 003105  
2x Paste Pak cartridges, and  
1x mixing pad

### GC Fuji ORTHO™ Automix Tips Refill

Item #: 423008  
20x Automix tips





# Cybird<sup>XD</sup>

ADVANCED LED CURING LIGHT



## Reduce Chair Time!

### Reduce Bonding Time

The Cybird XD advanced curing light is designed particularly for the orthodontic professional in need of super-fast light curing and bonding speed to reduce chair time. It features two powerful curing modes to choose from for practice preference.

### Wide Application Range

The Cybird XD LED produces a variable wavelength range of 430-490 nm, assuring full curability of a wide range of adhesives.

### Functional Aesthetics

The ergonomically shaped curing light is well-balanced for ideal handling. Cybird XD's square body prevents roll-off at chairside tables and is shaped for a more natural grasp.

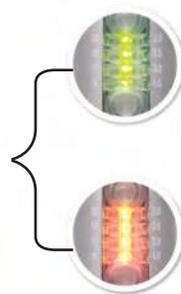
### Clever Construction

Built from industrial grade lightweight aluminum. The turbo 8 mm fiber-optic light guide and sleek body design grants superb oral access for effortless usability.

### Intuitive Keypad

Practitioners save time with simplicity: a shot button and a mode selector / timer button for various applications.

### 1 Year Limited Warranty



**(Green Indicator Light)**  
The Traditional High Power Mode (1,500 mW/cm<sup>2</sup>) allows you to polymerize light-cured adhesives at 5, 10, 15, or 20 second intervals.

**(Orange Indicator Light)**  
Easily switch to the Plasma Emulation Mode (2,700 mW/cm<sup>2</sup>) for quicker cure times of 1.5, 2, 2.5, or 3 second intervals and achieve chair time efficiencies and reduced orthodontic bonding times.

*When using the plasma emulation mode, it is recommended to use the light shields to direct light only to the appliance and enamel, and prevent any unnecessary light dispersion to the gingiva.*



Light Shields



Composite Curing Test Block

### Cybird XD Curing Light Plug Type/Voltage

US/Domestic/110 .....	CXD-9000-US	1x handpiece, 1x light guide (8 mm turbo), 1x eye shield, 2x light shields, 1x charger base, 1x power adapter, 1x power cord, 1x composite curing test block
Europe/220 .....	CXD-9000-EU	
United Kingdom/220 .....	CXD-9000-UK	

### Cybird Replacement Parts

#### Battery Module

Item #: CXD-1200

#### Light Guide

11-8 mm (Turbo) .....CXD-1400

11-11 mm.....CXD-1401

11-11 mm, 90° Angle.....CXD-1500

1x light guide

#### Light Shield

Item #: CXD-1501

10 per pack

#### Eye Shield

Item #: CXD-1600

#### Cybird XD Charger Base

Item #: CXD-2000

#### Power Supply Adapter

US (DC6V, 2.5A).....COM-9000-US

EU (DC6V, 2.5A).....COM-9000-EU

UK (DC6V, 2.5A) ..... COM-9000-UK

# Mini-Mold™ TECHNIQUE

Light Cure Your Own Aesthetic Attachments  
**IN SECONDS!**



**Inventor**  
**Dr. Roger Wolk**  
D.D.S., M.S.

Dr. Roger Wolk is the inventor and developer of the Mini-Mold™ Technique. He has been a prominent Orthodontist in the Los Angeles area for over 30 years.

Dr. Wolk is a retired Diplomate of the American Board of Orthodontics and Member of the American Dental Association.



### 3-STEP TECHNIQUE

**STEP 1** **FILL** the selected Mini-Mold Tip with light-cure resin



**STEP 2** **PLACE** the Mini-Mold Tip on desired tooth



**STEP 3** **LIGHT-CURE** the Mini-Mold Tip for 5-20 seconds

With the Cybird XD Advanced LED Curing Light from Ortho Technology on page 118



### Mini-Mold™ Starter Kit

- Safe for sensitive patients
- Saves chair time and money
- Invisible aesthetic attachments
- Fast 5-20 seconds cure time

Item #: 51399  
Kit includes: 30x Mini-Mold Tips 3 of each style, 2x tip handles, and detailed step-by-step instructions

MADE IN THE USA

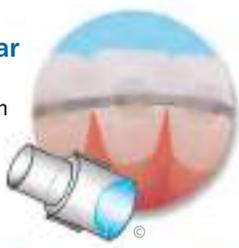
## 8 Different Mini-Mold™ Treatment Tips to Choose From

Package includes: 8x or 10x Mini-Mold Tips (same type), 1x tip handle, and detailed step-by-step instructions. Cold sterilizable and tips are autoclavable up to 275°F/135°C.



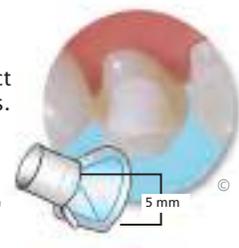
### Mini-Mold™ Posterior Molar Pad Tips

Designed to open the bite from the posterior teeth.  
Item #: 51390  
10 per pack



### Mini-Mold™ Wire Bonder Tips

Ideal for making direct bond lingual retainers.  
4.5 mm #: 51393  
3 mm #: 51397  
10 per pack,  
wire sizes up to .020"



### Mini-Mold™ Cuspid Bite-Ramp Tips

Creates a bite-opening ramp on the lingual of the upper cuspid teeth.  
5 mm #: 51398  
8 per pack



### Mini-Mold™ Button Tips

Creates a functional low profile button quickly and easily.  
Item #: 51394  
10 per pack



### Mini-Mold™ Tube Tips

Designed to create a temporary tube. Fits round wire up to .020".  
Item #: 51391  
10 per pack



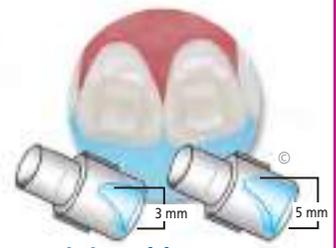
### Mini-Mold™ Habit-Control Tips

The small, conical spike, ends thumb sucking and tongue thrusting.  
Item #: 51395  
10 per pack



### Mini-Mold™ Bracket Tips

Creates edgewise .022" slot brackets, ideal for minor tooth adjustments.  
Item #: 51396  
10 per pack



### Mini-Mold™ Bite-Ramp Tips

Creates a bite-opening ramp on the lingual of the upper anterior teeth.  
3 mm #: 51392  
8 per pack  
5 mm #: 51389  
8 per pack



### Fully Exposes Both Arches to Provide Maximum Access

- Direct and indirect bonding procedures
- Full field access
- Interproximal stripping
- Bite registration
- Photography
- Debonding
- Microetching

### Advantages:

- Unique intraoral extensions retract buccinator muscles
- Provides unobstructed view and superior buccal access
- Maintains accessibility during all types of procedures
- Safe for autoclave and dry heat sterilization up to 350°F/177°C

### High Heat Cheek Retractor

The easy to use, one size fits all Cheek Retractor that provides superior intraoral access. The unique buccal extensions retract powerful buccinator muscles for maximum access. Made of high quality medical grade materials that withstand repeated sterilization.

- Maximum patient comfort
- Easy tension control
- Boosts visibility to intraoral work areas
- Made in the USA

Item #: 601-190  
1x cheek retractor  
1 per pack

Thank You for



Over  
**25 years**  
Since 1981



Adult Heat Sterilizable Shown



**Pedo**  
Autoclavable



**Adult**  
Disposable

## Extraoral Cheek Retractors

- Allows a full view for direct bonding
- One piece design with strong plastic
- Made in the USA

### Heat Sterilizable

Pedo (Amber)..... 603-229    Sterilizable up to 370°F/188°C  
 Adult (Amber)..... 603-230    1 per pack

### Autoclavable

Pedo (Clear)..... 602-229    Sterilizable up to 270°F/132°C  
 Adult (Clear)..... 602-230    1 per pack

### Disposable

Adult (Blue)..... 601-230    10 per pack



**Pedo**



**Teen**



**Adult**

## Extraoral Cheek Retractors

- Full view for bonding of anterior and posterior teeth
- Does not reflect light from flash
- Cold sterilizable
- Made in the USA

Pedo ..... ORT-300-021  
 Teen ..... ORT-300-022  
 Adult ..... ORT-300-020  
 2 per pack

**Pedo Disposable**



**Teen Disposable**



**Adult Disposable**



**Heat Sterilizable**



**Autoclavable**



## Intraoral Cheek Retractors

- The best retractor for bonding
- Unrestricted access to the entire mouth
- Available heat sterilizable, autoclavable and disposable
- Made in the USA

### Disposable

Pedo (Green)..... 601-220  
 Teen (Blue)..... 601-221  
 Adult (Red) ..... 601-222  
 10 per pack

### Heat Sterilizable (Amber)

Pedo ..... 601-200  
 Teen ..... 601-201    Sterilizable up to 370°F/188°C  
 Adult ..... 601-202    1 per pack

### Autoclavable (Clear)

Pedo ..... 601-210  
 Teen ..... 601-211    Sterilizable up to 270°F/132°C  
 Adult ..... 601-212    1 per pack





## Feel Good About Being Green

We're not just talking green, we've gone green

This Ortho Technology Catalog was printed by a Certified Green printing facility

- Prints on recycled paper
- Uses eco-friendly SOY based inks
- Recycles all paper waste, plastics and aluminum used during printing
- Tree Planting Partnership  
Working to re-populate our national forests



## Great for Adults and Children During Bonding



### Lip Ring Retractor

#### Help Protect Lips During Interproximal Stripping

- Sized for adults and children
- Made of a high quality medical grade plastic
- Works great for bonding and intraoral photography
- Cold sterilizable

Item #: 54683  
2 per pack



### Disposable Tongue Blocks Cherry Scented!

- Enables patient to relax jaw
- Helps maintain a dry field
- Made in the USA
- Can be easily trimmed
- Increases patient comfort

Small .....600-211  
Regular .....600-212  
50 per pack

Saliva Ejector .....600-216  
Adapter Tubes .....600-217  
Cold sterilizable only  
3 per pack



#### TRY OUR... Photo Cheek Retractors

Essential for Getting the Maximum View  
See pages 175-176



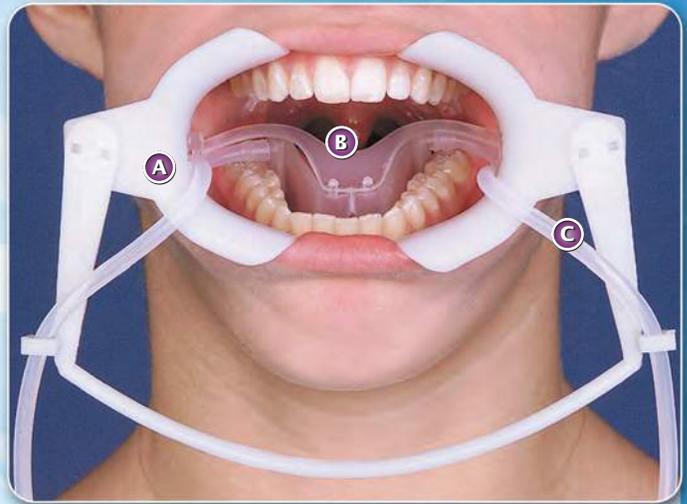


# Nola Dry Field System

## Achieve Total Bonding Success...

MADE IN THE USA

- Full Arch Access for Bonding
- Adjustable to Arch Length
- Maximum Patient Comfort
- Excellent Soft Tissue Retraction
- Fully Autoclavable to 280°F/135°C
- Reduces Bond Failure
- Prevents Treatment Delays



The Nola Dry Field System completely eliminates saliva and fully exposes both arches making it ideal for all bonding applications.

The system is easy to assemble, be inserted, and used by a single operator. The entire system is completely autoclavable making clean-up easy.

### Dry Field Systems

- Small (Red) ..... 300-400
- Large (White) ..... 300-401

*System Includes: 1x cheek retractor, 1x flexible connector, 1x tongue guard, 2x bilateral suction tubes, 1x central suction "Y" connector with low-volume adapter*

### Dry Field System Separate Components

#### A Cheek Retractor

- Assembly with flexible connector*
- Small (Red) ..... 300-414
  - Large (White) ..... 300-406
- 1 per pack

#### Adjustable Cheek Retractor

Keeps the cheeks back and fully exposes both dental arches

#### B Tongue Guards

- Small (Red) ..... 300-413
  - Large (Translucent) ... 300-403
- 2 per pack

#### Tongue Guard

Holds the tongue in place and allows the patient to continue swallowing

#### C Bilateral Suction Tubes

- Silicone Tubing*
- Item #: 300-412
- 10 per pack

#### Bilateral Silicone Tubing

Precisely directs saliva flow and ensures unrestricted evacuation for a totally dry environment

#### D "Y" Connectors

- Item #: 300-408
- 4 per pack

#### Central Suction

"Y" connector adapter (low-volume and high volume also available)

#### E Low-Volume Adapters

- Item #: 300-409
- 4x Adapters and 4x "Y" connectors

#### G Connecting Arm Inserts

*Used for connecting Tongue Guards to Cheek Retractor.*

Item #: 300-402

10 per pack

#### F High-Volume Adapters

- Item #: 300-411
- 4x Adapters and 4x "Y" connectors



Bonding



## ORTHOGAP®



MADE IN THE USA

### Bonding Pad Organizer

Item #: OT-BP370  
6 1/4"W x 6 3/4"H x 4 3/4"D

### Orthogap Bonding Pads

Item #: 600-370  
25 sheets per pad

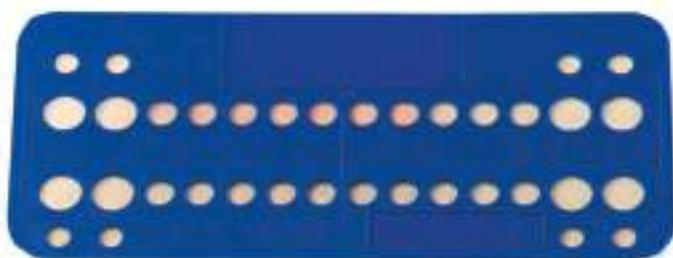
## Disposable Bonding Pads

Combination mixing pad and bonding pad, saves your office time and money!

- Adhesive backing holds brackets firmly in place
- Liquid impermeable surface for mixing
- Easy bracket access speeds selection
- Padded for easy dispensing



U.S. Patent Number 5,542,844



MADE IN THE USA

## Plastic Bonding Trays

- With or without mixing wells
- Adhesive holds brackets in place
- Holds one full bracket set-up

### With Mixing Wells

Item #: 600-350

### Without Mixing Wells

Item #: 600-355

25 per pack



MADE IN THE USA

## Mixing Pads

- Liquid impermeable surface
- Smooth finished surface

### 2.5" x 2.5" Mixing Pads

Item #: 600-600

3x 50 sheet pads per pack

### 3" x 5" Mixing Pads

Item #: 600-610

3x 50 sheet pads per pack



## Microbrush

- Precise placement of solutions
- Reduces use of excess solutions
- Bends easily into any angle
- Non-linting and non-absorbent tips
- Color coding avoids application mix-up
- Made in the USA

### Tube Series Regular Tip

Item #: 600-499

4 trays of 100 applicators per pack



## Microbrush Plus

- Precise placement of solutions
- Reduces use of excess solutions
- Bends easily into any angle
- Non-linting and non-absorbent tips
- Color coding avoids application mix-up
- Made in the USA

### Regular Tip

Item #: PR400

4 trays of 100 applicators per pack

### Dispenser

Item #: MPD



## Microbrush Plus

- Precise placement of solutions
- Reduces use of excess solutions
- Bends easily into any angle
- Non-linting and non-absorbent tips
- Color coding avoids application mix-up
- Made in the USA

### Fine Tip

Item #: PF400

4 trays of 100 applicators per pack

### Dispenser

Item #: MPD



## UltraBrush<sup>BRAND</sup> 1.0

BRISTLE BRUSH APPLICATOR

- 100 bristle brush tip
- Precise placement of solutions
- Reduces use of excess solutions
- Bends easily into any angle
- Non-linting and non-absorbent tips
- Color coding avoids application mix-up
- Made in the USA

### Dispenser Kit

Item #: U1D

1 dispenser, 1 refill cartridge of 100 applicators

### UltraBrush 1.0 Refill

Item #: U1R200

2 trays of 100 applicators per pack



## Propy Paste

### Specially Formulated for Orthodontists

- No fluoride
- No flavored oils
- Enhances bond strength
- Cleans teeth prior to bonding
- Made in the USA

Item #: 15486

200x 2 gm single-dose cups and 1x finger ring

**400 Brushes Per Pack**  
Other brands only have 250



## Bonding Brushes

- Large economy pack
- 2" disposable bonding brush
- Made in the USA

Item #: 610-100

400 per pack

Bonding



## Microetcher™ Intraoral Sandblaster

### Benefits

- Increases bond strength up to 400%
- Stainless construction and replaceable carbide tip
- Nozzle rotates 360° for easy access

### Uses

- Etch all metals, composites and amalgam
- Perfect for adhesive removal for rebonds or for etching the inside of bands
- Surface abrasion procedures in seconds



**Before** Microetcher II  
Foil Mesh Bracket Base

**After** Microetcher II  
Foil Mesh Bracket Base

### Microetcher IIA Fully Autoclavable Intraoral Sandblaster

Item #: 22005

1x handpiece, 2x abrasive reservoirs,  
1x air line, and 1x user guide

Autoclavable up to 269°F/132°C  
Plastic jar and tubing must be removed  
and abrasive jar filter removal  
recommended prior to sterilization



Microetcher IIA  
Fully Autoclavable

Microetcher II



### Microetcher II Intraoral Sandblaster

Item #: 22000

1x 60° autoclavable nozzle,  
2x abrasive reservoirs,  
1x air line, and 1x user guide



## Microetcher Attachment Components



### Quick Disconnect Kit

Item #: 44000

1x male quick disconnect,  
1x female quick disconnect,  
1x tee connector and  
2x tube connectors



### Female Disconnect Kit

Item #: 44010

1x female quick disconnect,  
1x tee connector and  
2x tube connectors



### Male Disconnect

Item #: 44020



### Handpiece Adapter

Item #: 44075



## Microcab Plus Dust Containment Unit

- A compact design with large internal working area and hand guards
- Bright, fluorescent light for ideal illumination
- Easy to clean with a pullout filter
- Snap-in disposable windows
- Integrated handle for portability
- Ultra quiet fan and filter

MADE IN THE **USA**



### Which Window Shield Is Right For Your Unit?



Order 1st Generation Item #: 91286



Order 2nd Generation Item #: 93817

#### Microcab Plus

United States 110V:  
Item #: 91010

International 220VAC:  
Item #: 91354

*Includes: 4x windows, 1x light bulb, 1x power cord and 1x instructions*  
*Size: 6½" x 12" x 6½"*

#### Replacement Parts

##### Disposable Window Shields

1st generation ..... 91286  
2nd generation ..... 93817  
*10 per pack*

Filter  
Item #: 49055

Hand Guard Kit  
Item #: 91518

Light Bulb - 9 watt  
Item #: 59090

Power Cord  
110 volt..... 109150  
220 volt..... 109130  
Wall Mount (Optional)  
Item #: 91350



## TruEtch™ Aluminum Oxide

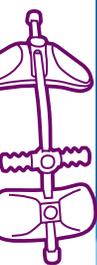
- Made in the USA

50 micron ..... 12300  
*Intraoral applications,  
white in color*

90 micron ..... 12400  
*Extraoral applications,  
tan in color*

*11b (454 gm) per bottle  
1 per pack*

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**Forehead Rest with Ergonomic Dual Free-Flow Air Vents**



**Vertical Main Frame**



**Metal Reinforced Horizontal Crossbar**

**Durable Screws Throughout**

**Chin Cup with Ergonomic Streamlined Design, Free-Flow Air Vents and Full Range of Motion Option**



**Small Light-Weight End Caps**

# Multi-Adjustable Facemask®

## Discover The Ideal Choice to Achieve Maximum Class III Compliance

- Free-flow air vents
- Full range of motion option
- Maximum patient comfort
- Fully adjustable
- Light-weight
- Screws designed for increased durability

**MADE IN THE USA**

## Exclusive Patient Comfort Design

### Quick and Easy Fit

1. Position bend in vertical bar over nose
2. Center forehead rest on forehead and lock in position
3. Center chin cup on chin and lock in position
4. Place crossbar approximately 2.0 mm below the upper lip and lock in position

## KEY FEATURES



### Free-Flow Air Vent

Forehead rest design features dual air vents for maximum comfort and air circulation.



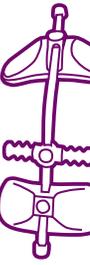
### Free-Flow Air Vent

Chin cup design features air vents for maximum comfort and air circulation.



### Motion Option

Sliding design allows for a dynamic range of motion without side-to-side rotation.



**American Pride**  
Item #: 550-406



**Canadian Pride**  
Item #: 550-411



**Green Camo**  
Item #: 550-413



**Hawaiian Hibiscus**  
Item #: 550-407



**Pink Camo**  
Item #: 550-412



**Racin' Flames**  
Item #: 550-408



**Union Jack**  
Item #: 550-410



**Wild Cat Print**  
Item #: 550-409



**Blue**  
Item #: 550-400



**Clear**  
Item #: 550-403



**Pearl White**  
Item #: 550-404



**Red**  
Item #: 550-401



**Teal**  
Item #: 550-405

**Multi-Adjustable Facemask**  
Includes: 1x hexagon key and 2 sets of chin and forehead pads

See page 107 for Extraoral Elastics

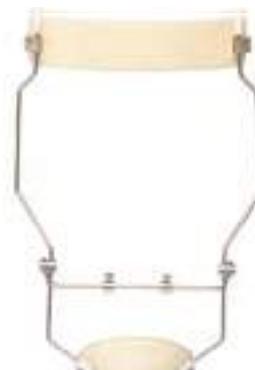
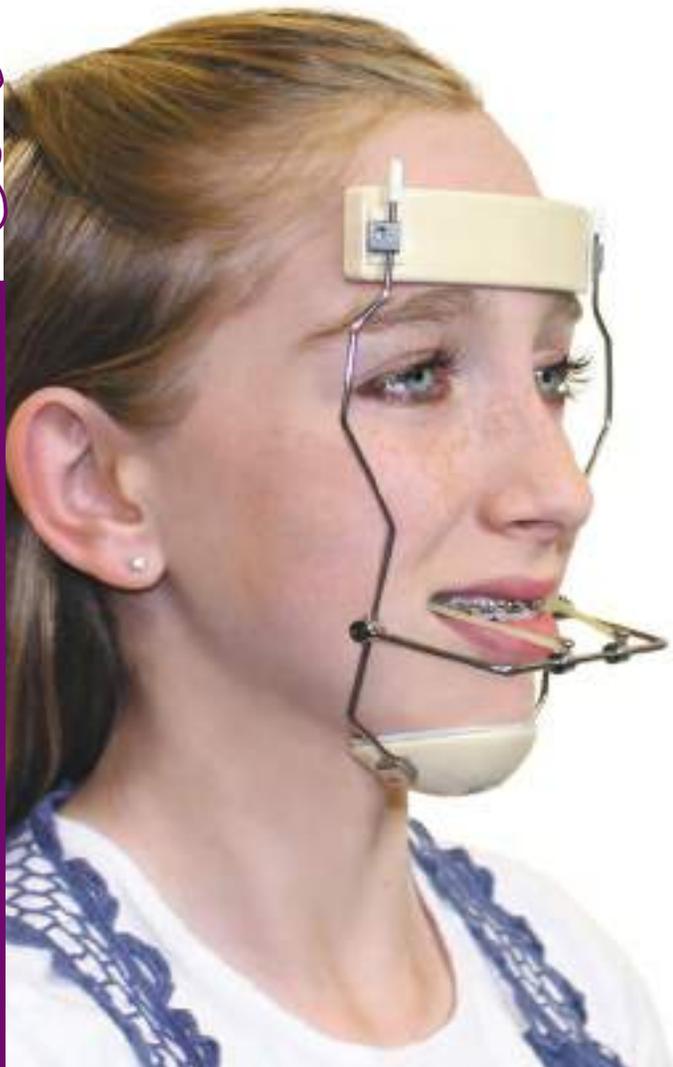
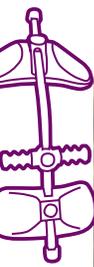
**Replacement Pad and Key Kit**

American Pride .....	406-RK2
Canadian Pride.....	411-RK2
Green Camo.....	413-RK2
Hawaiian Hibiscus.....	407-RK2
Pink Camo .....	412-RK2
Racin' Flames.....	408-RK2
Union Jack .....	410-RK2
Wild Cat Print.....	409-RK2
Solid Colors .....	550-RK2

1x hexagon key and 2 sets of chin and forehead pads

© 2018 Ortho Technology, Inc.  
Multi-Adjustable Facemask is a registered trademark of Ortho Technology.  
U.S. patent pending.





Large



Small

## Reverse Pull Facemask

### Fully Adjustable Comfort Design Aids in Patient Compliance

- Maximum patient comfort
- Treats maxillary insufficiencies
- Fully adjustable
- Stainless steel and plastic
- Leather padded contact points
- Hexagon key included
- Storage bag included

Large ..... REV-PULL  
 Small ..... REV-PULS  
 1x facemask, 1x hexagon key,  
 1x storage bag

**See page 107 for Extraoral Elastics**

#### Replacement Pad Kit

Item #: 100002

1x forehead pad and 1x chin pad



A



B



## Safety Release Modules

- Flexible tear-proof strap
- Durable steel clamp or easy to install plastic release clamp design
- Attaches to any neckpad
- Safety release
- Large facebow holes
- Royal blue colored

#### A. Steel C-Clamp

600 gm Medium ..... 550-110  
 750 gm Heavy ..... 550-111  
 10 per pack

#### B. Plastic C-Clamp

600 gm Medium ..... 550-100  
 750 gm Heavy ..... 550-101  
 10 per pack



Assorted Colors

## Cervical Neckpads

- Comfortable cotton fabric
- Sturdy washable design
- Three module attachment locations
- Fun, stylish colors
- Use with any style releasable force module

Royal Blue..... 550-700  
 Assorted Colors\*..... 550-600  
 5 per pack

\*Royal Blue, Black, Denim, Crimson, Surf



Royal Blue



Royal Blue

## High Pull Head Caps

- Durable nylon
- Sturdy washable design
- Two hook-up tabs
- Use with any style releasable force module

\*Royal Blue, Navy Blue, Surf, Crimson, Black

Royal Blue..... 550-750  
 Assorted Colors\*..... 550-650  
 5 per pack



## Ortho Performance® Mesh Bags

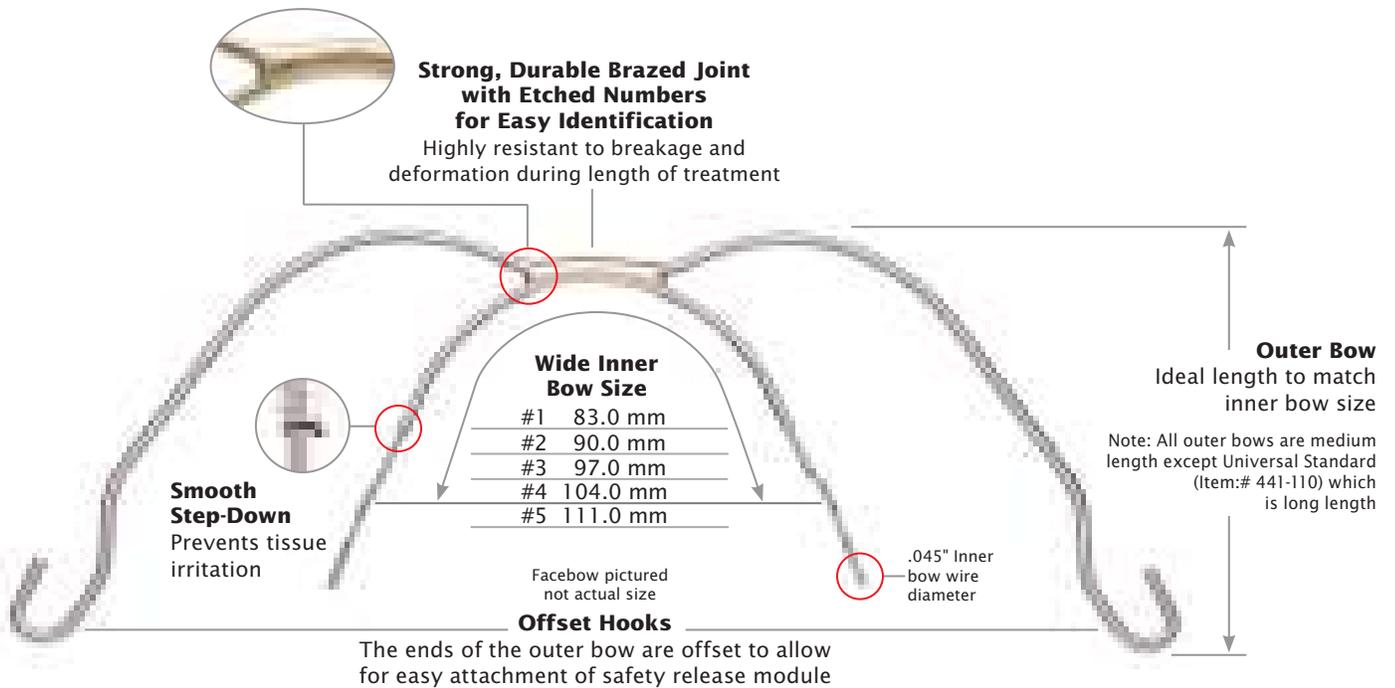
- Headgear storage
- One bag with multiple uses
- Can be used to hold headgear items, multi-adjustable facemasks or oral hygiene kits
- Solid blue in color with a secure zipper closure

- Made from premium micro mesh material
- Royal Blue..... 560111  
 10 per pack  
 Measures 8 3/4" x 5"

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## Full Form Extraoral Facebows



### High Quality Material

High quality stainless steel is used in the manufacturing process of our facebows.

### Wide Inner Bow Size Measurement

For accurate selection of the proper size, measurements are based on center of loop to center of opposite loop of the inner bow.

#1	83.0 mm	551-111
#2	90.0 mm	551-112
#3	97.0 mm	551-113
#4	104.0 mm	551-114
#5	111.0 mm	551-115

Universal (*inner bow without loops*)  
 Inner Bow Shapes  
 Long ..... 551-110  
 Standard ..... 551-210  
 1 per pack



**TRY OUR...**  
**TruFit™ 2.0**  
**Molar Band**  
**Assemblies**



See pages 60-64

## Short Outer Arch Facebows



- Durable brazed joint for unsurpassed strength
- Preformed omega loops on innerbow wire for easy adjustment

#1	83.0 mm	M4835-01
#2	90.0 mm	M4835-02
#3	97.0 mm	M4835-03
#4	104.0 mm	M4835-04
#5	111.0 mm	M4835-05

1 per pack



# Stainless Steel Impression Trays

## Edge Lock Design For Superior Impressions



U1 X-Large Upper  
Item #: 1170-01



U2 Large Upper  
Item #: 1170-02



U3 Medium Upper  
Item #: 1170-03



U4 Small Upper  
Item #: 1170-04



U5 X-Small Upper  
Item #: 1170-05

**Upper**



L1 X-Large Lower  
Item #: 1170-11



L2 Large Lower  
Item #: 1170-12



L3 Medium Lower  
Item #: 1170-13



L4 Small Lower  
Item #: 1170-14



L5 X-Small Lower  
Item #: 1170-15

**Lower**

### Perforated Design

- Perforated to ensure secure alginate retention
- Edge-locking
- Resists tarnishing
- Surgical grade stainless steel
- Withstands repeated sterilization
- Heat sterilizable up to 370°F/188°C

**Impression Trays**  
1 per pack



### Laminated Bite Wafers

- Aluminum foil between two layers of soft wax
- Adapts to patient's arch

Item #: 600-024  
84 per pack



# DuraLock® PLUS

## IMPRESSION TRAYS



**Retention Rim**  
Ensures secure alginate retention

**Oculsal Bite Stop**  
Helps to prevent bite-through of material

**More Perforation**  
Additional security alginate retention

**Smooth Rounded Edges**  
For maximum patient comfort

**Beveled Perforation**  
Ensures secure alginate retention without the use of spray adhesive

**Longer Handle**  
For easy and secure handling

**More Ergonomically Contoured**  
For maximum patient comfort

**The Ideal Depth**  
Designed to capture the maximum detail

**Numbered and Color Coded**  
Fast and easy identification

MADE IN THE USA

### Additional Benefit

Ortho Technology manufactures the DuraLock PLUS Impression Tray to be either disposable or cold sterilizable.

### DuraLock® PLUS Introductory Kit

Item #: 501-000  
60x trays, 5x trays of each size upper and lower

### DuraLock® PLUS Individual Packs

50 per pack (upper or lower)

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(1) Pedo

Color Code: Red  
Upper .....501-001U  
Lower .....501-001L



(2) Extra Small

Color Code: Orange  
Upper .....501-002U  
Lower .....501-002L



(3) Small

Color Code: Blue  
Upper .....501-003U  
Lower .....501-003L

# DuraLock<sup>®</sup> PLUS

IMPRESSION TRAYS

## Not Your Ordinary Impression Tray!



**Superior Alginate  
Retention with  
No Adhesive  
Spray Needed!**

**No Adhesive Needed**

Using DuraLock PLUS trays save time. By eliminating the extra steps of coating the tray with adhesive and waiting for it to dry, the impression process is simplified and accelerated.

**Largest Variety of Tray Sizes**

DuraLock PLUS trays eliminate inadequate coverage and/or tissue impingement and ensure an accurate fit every time by offering more size choices than competing trays.

**Stability and Durability**

The reliable strength and stability of DuraLock PLUS trays eliminate impression distortion and/or impression materials pulling away from the tray sides.



**(4) Medium**

Color Code: Green  
Upper ..... 501-004U  
Lower ..... 501-004L



**(5) Large**

Color Code: Yellow  
Upper ..... 501-005U  
Lower ..... 501-005L



**(6) Extra Large**

Color Code: Purple  
Upper ..... 501-006U  
Lower ..... 501-006L



## Kromopan® Chromatic Alginate

Allows casting of plaster up to 168 hours after the setting of the impression. Gluten free.

**1 lb (454 gm) Bag**  
Item #: KRO-100-P  
1x bag per pack (20 bags = 1 case)

**1 lb (454 gm) Canister**  
Item #: KRO-100-C  
1x canister, 1x powder scoop and  
1x water vial



**Violet**  
Mixing Time  
**45 Seconds**



**Pink**  
Working Time  
**60 Seconds**



**White**  
Total Set Time  
**3 Minutes**

**Scoop and Vial**  
Item #: KRO-100-SV  
1x scoop, 1x vial

ground shipment recommended when ordering 20 or more bags/canisters



## Orthoprint® Fast Set Alginate

- Extra-rapid working and setting times
- Total setting time: 1 minute 50 seconds
- Vanilla flavor – works with alginate flavors too
- Modified atmosphere packaging ensures product stability – 5 year guarantee
- Thixotropic, non-drip, and highly elastic
- Dust free
- Gluten free

**1.1 lb (500 gm) Bag**  
Item #: 302145  
1x bag per pack (12 bags = 1 case)

**1.1 lb (500 gm) Canister**  
Item #: 302160  
1x 1.1 lb bag of alginate in canister,  
1x scoop and 1x vial  
(10 canisters = 1 case)

**Measuring Set**  
Item #: 105182  
1x scoop and 1x vial

ground shipment recommended when ordering by the case



Mixing Time  
**30 Seconds**



Working Time  
**1 Minute  
5 Seconds**



Time in Mouth  
**45 Seconds**  
Total Set Time  
**1 Minute  
50 Seconds**



## Fast Setting PVS Impression Material

*Perfect for Clear Aligners*



### EXAFAST™ NDS Monophase

- Single phase technique with one viscosity
- Easy to syringe with enough compression to obtain accurate impressions

**Monophase Material**  
Item #: 137407  
2x 48 mL cartridges (96 mL total)  
6x mixing tips and instructions

#### Cartridge Dispenser

- For all NDS impression material
- Item #: 152101«
- 1x per pack
- (Shown on page 138)

**Mixing Tips**  
Type 2LL - Purple  
Item #: 153048«  
48 per pack, mono/heavy body



### EXAFAST™ NDS Regular Wash

- Slightly thicker wash material used with double phase impressions
- Syringeable wash that is a little more thixotropic and less runny than injection material
- Stays in place until pressure is applied to capture critical detail

**Mixing Tips Type 2L - Aqua**  
Item #: 153248«  
48 per pack, regular material

**Regular Wash Material**  
Item #: 137007  
2x 48 mL cartridges (96 mL total)  
6x mixing tips and instructions

**Intraoral Tips - For Wash Material**  
Item #: 150100  
100 per pack, intraoral material



### EXAFAST™ NDS Heavy Body

- Non-slumping, high compression tray material used with double phase impressions
- Stabilizes the tray and prevents distortion
- Pushes the wash material into the gingival margins for accuracy

**Heavy Body Material**  
Item #: 137207  
2x 48 mL cartridges (96 mL total)  
6x mixing tips and instructions

**Mixing Tips**  
Type 2LL - Purple  
Item #: 153048«  
48 per pack, mono/heavy body



### EXAFAST™ NDS Injection Wash

- Syringeable wash material for double phase impressions
- Thinner wash that is a less thixotropic and more flowable
- Stays in place as pressure is applied to capture critical detail

**Mixing Tips Type 2S - Pink**  
Item #: 153148«  
48 per pack, injection material

**Injection Type Material**  
Item #: 137107  
2x 48 mL cartridges (96 mL total)  
6x mixing tips and instructions

**Intraoral Tips - For Wash Material**  
Item #: 150100«  
100 per pack, intraoral material  
(Shown above)



«Available by special order. Additional shipping time may be required.



## PVS Bite Registration Material with Outstanding Accuracy



**GC America  
Cartridge Dispenser  
Type 2 NDS**

Item #: 152101\*  
1 per pack

### EXABITE™ II NDS Registration

- Bite registration material is easy to apply and will not slump or run
- Ideal cream-like consistency allows patients to occlude without deviation or distortion
- Sets quickly in only 45 seconds and is easy to trim if necessary

#### Bite Registration Material

Item #: 132412  
2x 48 mL cartridges (96 mL total)  
12x mixing tips and instructions

#### Mixing Tips Type 2L - Aqua

Item #: 153248  
48 per pack

\*Available by special order. Additional shipping time may be required.

### Easy to Mix & Use



1:1 Base and Catalyst Ratio



Hand Mix and Place in  
Impression Tray



### EXAFAST™ Putty

EXAFAST Putty is a vinyl polysiloxane material, consisting of a base and a catalyst that are easy to manipulate for accurate, void-free impressions. EXAFAST Putty produces crisp, extraordinarily smooth, precise impressions and can be used with either regular or injection wash material.

- The highest compression tray material used with double phase impressions
- Extremely smooth and easy to hand mix. Avoid contact with latex, oils and moisture when mixing
- Sets after only 2¼ minutes in the mouth
- 45 second working time

#### Putty Standard Pack

Item #: 137307  
1x jar putty base (287 mL), 1x jar putty catalyst (287 mL), 2x scoops and instructions

# TASTES GREAT™

ALGINATE FLAVORING

MADE IN THE USA



## Make Impression Taking More Pleasurable

Encourages patient cooperation while reducing gagging, 100% Gluten Free

### 10 Tastes Great™ Alginate Flavorings to Choose From

- |   |   |
|---|---|
| <input type="checkbox"/> Very Very Strawberry ..... 250-101 | <input type="checkbox"/> Frosty Rootbeer ..... 250-106    |
| <input type="checkbox"/> Marvelous Mint ..... 250-102       | <input type="checkbox"/> Classic Cola ..... 251-104       |
| <input type="checkbox"/> Chillin' Cherry ..... 250-103      | <input type="checkbox"/> Wet n' Wild Watermelon.. 251-110 |
| <input type="checkbox"/> Bubble Gum ..... 250-104           | <input type="checkbox"/> Cotton Candy..... 250-113        |
| <input type="checkbox"/> Groovy Grape..... 250-105          | <input type="checkbox"/> French Vanilla..... 251-115      |

**Alginate Flavorings**  
2 fl oz per bottle  
1 per pack



**Alginate Flavoring Organizer**  
Item #: OT-AFC  
10 5/8"W x 6 5/8"H x 3"D  
1 per pack

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# wonderfill™

the EZ in, EZ out  
tongue filler

MADE IN THE USA

## Saves Time!

Produces a sleeker, more presentation-worthy model!

### PLASTER/STONE Residue when no tongue filler used

- Tedious, time consuming grinding out of build up
- Messy
- Coarse model appearance

### ALGINATE As the tongue filler

- Mixing
- Messy
- Hard to form
- Set-up and clean-up time required
- Often needs carve-out of residue

Up to  
**20 minutes**  
**Faster!**

STONE/PLASTER

ALGINATE

wonderfill

Let plaster/stone fully set. Then pop out non-sticky Wonderfill for a clean model, using only water & brush to remove any residue.



Remove a palm full of non-toxic Wonderfill and form a domed bridge in the tongue area.



With Wonderfill in the tongue area, pour plaster/stone.



## Easy to Use Time Saver!

No Mixing. No Mess.  
No Wasted Time.



**Wonderfill™ Tongue Filler**  
Item #: 30200  
2.5 lbs (40 oz) per canister,  
1 per pack

ground shipment recommended when ordering by the case

## Ortho Model™ Archival System



**Top Loading Style**  
Use for Archive Cases



**Front Loading Style**  
Use for Active Cases

## Save Valuable Office Space!

### Each Set Holds Up to 320 Models

- Inexpensive storage
- Easy to assemble
- Super strong construction
- Made in the USA

### Ideal Storage

Ortho Technology's Ortho Model™ Archival System offers offices an innovative and simple solution for archiving patient models, freeing up valuable office space.

#### 4 Boxes Per Set

Each set includes:  
4 boxes with 4 trays each, for a total of 16 trays. Each tray has 20 model compartments, for a total of 320 model compartments per set.

#### Top Loading

Item #: 37810  
1 set of 4 large boxes (16 trays)  
Dimensions: 15"H x 19½"W x 13¼"D

#### Front Loading

Item #: 37809  
1 set of 4 large boxes (16 trays)  
Dimensions: 16"H x 18¾"W x 13"D

ground shipment recommended due to weight

© 2018 Ortho Technology, Inc. Ortho Model is a trademark of Ortho Technology.



**BIG ADVANTAGES!  
SMALL FOOTPRINT!**  
*Everything You Need in a  
Vacuum Forming Machine*

**Essix® SelectVac™  
Vacuum Forming Machine**

The Essix® SelectVac™ is an improvement to standard vacuum forming machines in almost every aspect. It's lighter, has a smaller footprint, and has up to 50% more vacuum power than standard units. This unit saves time and is safer thanks to no pre-heating, an auto-vacuum start that turns on only when you need it which means no unnecessary noise, an auto-off two-sided heating system with rotating plate support, and a digital timer. The carbon fiber heating element evenly distributes heat for a more precise finished product, and the model cup and beads allow for embedding tall or untrimmed models.

- Vacuum power: 6 (inches Hg)
- No pre-heat required
- Automatic vacuum start & auto-off heating system
- Rotating plate for two-sided heating dual laminates or thicker materials
- Accepts round or square plastics
- Includes glass beads for adjusting model height
- 1 year warranty

**Vacuum Machine**

US/Domestic/110VAC..ESVM01  
11½"H x 9"D x 7"W, (9.2 lbs)  
Includes: 1x cast rack (plane/cup),  
glass beads, 1x power cord, 1x 4  
mm Allen wrench and user manual

**Replacement Glass Beads**

Item #: AGRA0067  
8.82 oz (250 gm)



**Rotating Heating Head**

Rotates 180° for ready access to models, the model cup and retainer materials

**Rotating Material Tray**

Rotates 180° for heating dual laminates and thicker mouthguard materials



**Reversible Cast Rack (Plane or Cup) for Versatility**

Accommodate taller models or use the included beads for working with untrimmed models



**Glass Beads**

Reduce excess trimming and allow easier release of models – great for use with untrimmed or taller models

**Carbon Fiber Heating Element**

Even heat distribution and no pre-heating required



## Clear Advantage™ Series I Clear Retainer Material

### Thermal Forming Splint/Copolyester

Clear Advantage Series I is brilliantly clear and offers excellent conformity to the model for an exact fit. The material is durable and bonds with acrylic for creating modified appliances. Forms clear for a true "invisible" retainer. Sheets are sealed with a protective peel away film on both sides.

.020" (0.5 mm) ..... 7500-100  
.030" (0.7 mm) ..... 7500-105  
.040" (1.0 mm) ..... 7500-110  
5" x 5", 50 sheets per pack

.060" (1.5 mm) ..... 7500-035  
.080" (2.0 mm) ..... 7500-040  
5" x 5", 25 sheets per pack

- Invisible retainers
- Clear aligners
- Splints and bite planes
- Whitening trays
- Temporary bridges with pontics
- Non-Latex\*
- BPA free
- Made in the USA

**Compare To**  
Essix A+® Plastic  
by Raintree Essix

*Clear Advantage Series I is a Moisture-Sensitive Product - Vacuum sealed to maintain product integrity.*



## Clear Advantage™ Series II Durable Retainer Material

### Thermal Forming Coping/Polypropylene

Clear Advantage Series II is our most durable material and it will not shrink, crack or break. This material is slightly opaque in its transparency and offers excellent formability, flexibility and long term wear characteristics. The increased strength of this material is ideal for making retainers for bruxism patients. Not bondable with acrylic.

.020" (0.5 mm) ..... 7500-115  
.030" (0.7 mm) ..... 7500-120  
.040" (1.0 mm) ..... 7500-125  
5" x 5", 50 sheets per pack

- Extended life invisible retainers
- Clear aligners
- Splints and bite planes
- Temporary bridges with pontics
- Indirect bonding trays
- Non-Latex\*
- BPA free
- Made in the USA

**Compare To**  
Essix C+® Plastic  
by Raintree Essix



## Sports Advantage™ Mouthguard Material

### Thermal Forming Soft EVA

Our Sports Advantage material is a specially formulated EVA plastic that is soft and flexible. This material heats easily and conforms perfectly to the model. Custom fit mouthguards allow for excellent oxygen intake and a perfect fit for increased compliance.

.040" (1.0 mm) ..... 7500-140  
.080" (2.0 mm) ..... 7500-165  
.120" (3.0 mm) ..... 7500-170  
.160" (3.8 mm) ..... 7500-180  
5" x 5", 25 sheets per pack

- Soft splints
- Sports mouthguards
- Nightguards
- Model duplication
- Non-Latex\*
- BPA free
- Made in the USA

**Compare To**  
Essix Ace® Plastic  
by Raintree Essix



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**MAY WE SUGGEST...**



See page 89



See page 188



See page 155



See page 154



## Cleans and Brightens Removable Dental Appliances!



96 or 36 Count Box

### Retainer Brite®

Retainer Brite cleans Essix and Hawley retainers – plus nightguards, mouthguards, splints, and most other removable dental appliances.

- Helps remove plaque and tartar
- Kills germs and bacteria
- Cleans and brightens
- Keeps appliances minty fresh
- Made in the USA

**96 Count Box**

Item #: 18159  
96 tablets per box

**36 Count Box**

Item #: 18160  
36 tablets per box

### Micro Torch

Use upright or on its side for optimal hands-free use!

- Instant electronic ignition
- Precise adjustable flame
- Use upright or on its side
- Temperatures up to 2450°F/1343°C
- Compact and easy to handle
- Up to 2 hour burn time
- Butane sold separately



Micro Torch  
Item #: MT-770  
1 per pack



**GREAT IDEA!**

Pre-mixed Solder and Flux is ready for use straight out of the package!

### Universal All-In-One Solder/Flux

Perfectly premixed ratio of silver solder and flux

Universal All-In-One Solder/Flux is ready to use straight out of the package. The perfectly premixed ratio of silver solder and flux in convenient single lengths ensures less mess and it's easy to use. Additionally, it ensures less breakage because you never risk using too much or too little flux.

- Ensures less breakage
- Easy to work with
- Less mess

Item #: 2000  
.039" dia.  
6x 6" lengths per pack



### Silver Solder

- 50% silver content
- Cadmium free
- Dead soft
- Smooth flowing
- Melting point 1220°F/660°C
- Made in the USA

Item #: 2020  
.025" dia., 5DWT,  
7' per spool, 1 per pack



### TruFlow™ Flux

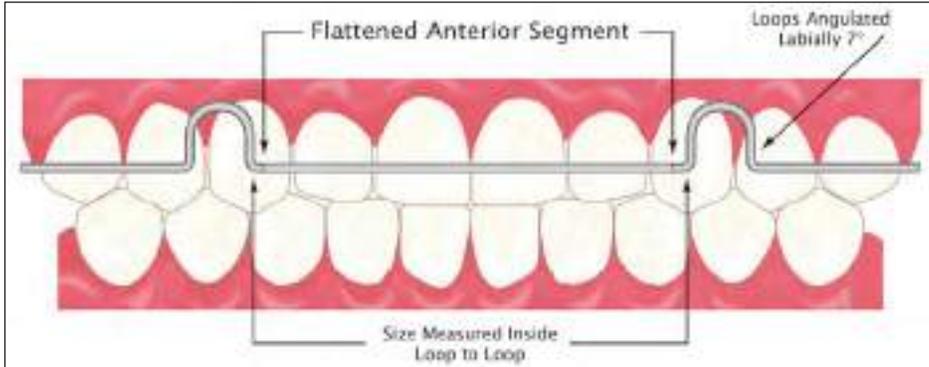
- Smooth, quick flowing
- Consistent white color
- Made in the USA

Item #: 2010  
2 oz (56.7 gm) per jar,  
1 per pack

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Help Prevent Anterior Teeth From Flaring!



TruForce™  
Stainless Steel  
Flat Bow Preformed  
Retainer Wire

- Greater stability and axial control of anteriors
- Allows for detailed contouring of wire to the labial surfaces
- Maximum tooth control not available with round wire
- Improves retainer aesthetics
- Made in the USA

TruForce Flat Bows from Ortho Technology are a single retainer wire with two distinct shapes, rectangular over the anterior teeth and round in the posterior segments. The flat rectangular segment helps prevent anterior teeth from flaring and prevents the labial bow from sliding toward the gingiva, while the round posterior wire anchors the appliance. The preformed cuspid loops come in eight sizes and are a great time saver for the lab.

**Flat Bow Preformed Retainer Wire**  
.032" diameter  
10 per pack

Size	Item #	Size	Item #
28.5 mm.....	550-001	40.5 mm.....	550-005
31.5 mm.....	550-002	43.5 mm.....	550-006
34.5 mm.....	550-003	46.5 mm.....	550-007
37.5 mm.....	550-004	49.5 mm.....	550-008

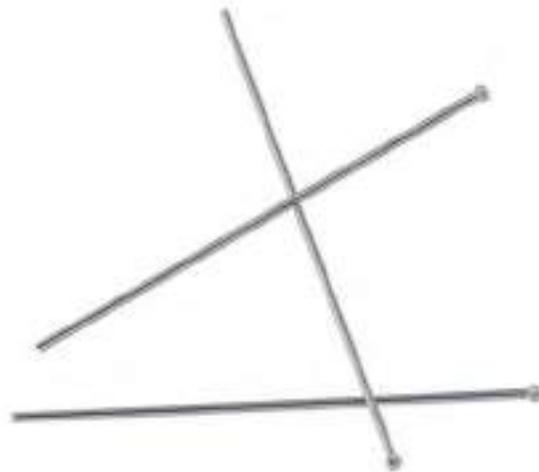


TruForce™ Stainless  
Steel Retainer Wire

- Made in the USA  
14" lengths,  
25 per pack

.022".....	900-105«
.025".....	900-106«
.026".....	900-107«
.028".....	900-108«
.030".....	900-109«
.032".....	900-110«
.036".....	900-111«
.040".....	900-112«
.045".....	900-113«

«Available by special order. Additional shipping time may be required.



TruForce™  
Ball Clasps

Spring tempered stainless steel provides excellent retention of removable appliances without irritating tissue.

- Made in the USA

.028".....	3000-028
.032".....	3000-032
.036".....	3000-036

100 per pack



## Safety Swivel Key

- No fingers in the mouth
- No fear of dropping keys down patient's throat
- Made in the USA

Item #: SSK  
10 per pack

## Utility Wax Strips

- Soft and pliable
- Great for building up impression trays
- White in color

Item #: 600-020  
3/16" x 11"  
64 strips per pack



## Standard Screw for Uppers

For all types of transversal expansion movements in the upper palate.

11.0 mm..... A0805-11  
14.0 mm..... A0805-14  
10 per pack



## Super Micro Sectional Screw

For movement of single teeth. The U-shaped guide pin ensures high stability.

9.0 mm..... 019-891-09A  
10.0 mm..... 019-891-10A  
10 per pack



## Universal Screw

Extremely narrow sizes for use both in upper and lower arches.

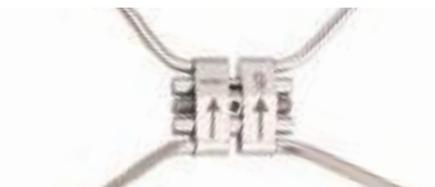
10.0 mm..... A0800-10  
12.0 mm..... A0800-12  
10 per pack



## Three Directional Screw with 2 Activation Points

Allows for both transversal and sagittal expansion.

16.0 mm..... A0931-16  
1 per pack



## ExpaBent Rapida Palatal Expander

Featuring Pre-Bent Arms

Produced entirely of biomechanical stainless steel. Arms are bent with anatomical angulation. Expansion capacity and direction arrow are laser engraved on the expander body.

- Medical grade stainless steel
- Laser engraved numbering

9.0 mm..... 019-2000-9  
11.0 mm..... 019-2000-11  
13.0 mm..... 019-2000-13

Package Includes: 1x expander,  
1x swivel endoral key & activation key

## Exspider Symmetrical Expander

A posterior articulation joint features expansion arms oriented onwards to get an arc of a circle basal expansion. The use of such expander is indicated when anterior transversal deficiencies on the maxillary arch occur, while the posterior diameter is correct.

- Delivers symmetric forces
- Laser engraved numbering
- Laser welded arms

9.0 mm..... A019-2001  
Package Includes: 1x expander,  
1x swivel endoral key & activation key  
Body: 3/4" x 5/16", arm: 1 1/8"



## Super Lingual Half-Screw Expander

The Half-Screw may be fabricated on the lingual surface of either the maxillary or mandibular arch for expansion and distalization. The overall width has been reduced resulting in an improved fit, allowing for a more comfortable appliance in the patient's mouth.

- The perfect solution for fixed mandibular expansion
- Use for individual quadrant expansion or molar distalization
- Compact fit for comfortable lingual expansion

Item #: A0623-08  
Package Includes: 1x expander,  
1x swivel endoral key & activation key  
Arm: 2 1/16" (68.0mm)



# TruEase™ Rapid Palatal Expanders



- **Safe** - Anti-unscrewing system with “click” upon turn indication.
- **Easy to Use** - Laser marked graduate scale for easier view of opening. Wide chamfer for easy patient insertion of opening tool.
- **Stable** - Two telescopic components of body always overlap for maximum stability and torsional rigidity. High resistance to breakage.
- **Compact Design** - Increased patient comfort.
- **Hygiene** - Housing designed with no blind areas for optimal oral hygiene.

“This new TruEase RPE gives you a definitive click (both by sound and by feel) when the turn is completed. No need to look for the next hole, no concerns about the screw backing up slightly when the key is removed, etc. Just listen for and/or feel the click. It’s pretty foolproof.”  
- **Dr. Perret, Orthodontist**

**Individual Sizes**

8.0 mm .....	S30-0812
10.0 mm .....	S30-1014
12.0 mm .....	S30-1216

**TruEase Rapid Palatal Expanders**  
Package Includes: 1x expander, 1x activation key, & 1x unlock tool



# Rapid Palatal Expanders



**8.0 mm RPE**  
35 turns for maximum expansion  
Item #: A0620-08



**9.0 mm RPE**  
40 turns for maximum expansion  
Item #: A0620-09

← 35.0 mm Total Length →



**11.0 mm RPE**  
50 turns for maximum expansion  
Item #: A0620-11



**13.0 mm RPE**  
60 turns for maximum expansion  
Item #: A0620-13

- **Medical Grade Stainless Steel**
- **Laser Engraved Numbering**
- **Laser Welded Arms**

The body design of Leone’s Rapid Palatal Expanders is completely smooth, with no rough areas or intersections for the maximum in complete patient comfort and hygiene.

**Rapid Palatal Expanders**  
Package Includes: 1x expander, 1x swivel endoral key & activation key



# Flexible White Rulers

A convenient measuring guide for models to help determine the appropriate size of appliance or wire that is needed. Features 0 to 150 mm in 1 mm increments, and flexibility allows you to arch the ruler as needed on model.

Item# 120-022  
10 per pack



*Helps to Break the Habit!*

# Tongue Tamers®



Item #: 034-001  
10 per pack



- Eliminates detrimental forces
- Discourages over-active muscle activity
- Bonds to upper or lower arches
- 80 gauge foil mesh bonding base
- High quality 17-4 stainless steel
- Curved base perfect for lingual placement

Fixed Appliances

Simple and Immediate Bite Opening

# Bite-Builder®

orthodontic bite opener



Item #: OT-2350  
10 per pack



- Opens deep bites with immediate results
- Bonds lingually to upper anteriors
- Eliminates occlusal interference
- Comfortable for the patient
- Composite material will not wear enamel
- Reduces bond failure on lower brackets
- Curved base perfect for lingual placement
- Made in the USA

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## Premium Eruption Appliances

Facilitate the Eruption of Impacted Teeth

WITH SOLID 14K GOLD TRACTION CHAINS



A.



B.



C.



D.

**Made with Premium Grade Materials**  
16 gauge 14K gold or surgical steel chain with reduced or low nickel content

**Guaranteed**

Our strong and durable chain will not break and can be left in the mouth for extended periods of time without discoloring, deterioration, or loss of integrity

**Versatile**

Eyelet selection for profile and base options for individual case treatment with round shaped lumen (chain links) easily accommodates up to a .030" elastic thread

**Comfortable**

1" long chain is slender, smooth, light-weight for added patient comfort

**Made in the USA**

**Eruption Appliance with 14K Gold Chain**

For use with up to .030" Solid Elastic Thread

A. Round Mesh Eyelet Base ..... G19634

B. Round Button Swivel Base ..... G19635

C. Square LP Eyelet Base ..... G19636

3 per pack

**Eruption Appliance with Surgical Steel Chain**

For use with up to .030" Solid Elastic Thread

D. Round Mesh Button Swivel Base...S19634

3 per pack



**TRY OUR...**

**Eruption Appliance Curved Eyelet & Angled Button Tweezers**

- Specialized reverse action tweezers designed to fit and hold low profile eyelet and button style eruption appliance pads

See page 189



## Eruption Appliances with 24K Gold Plated Eyelet and Traction Chain



Square Base



Round Base



Bondable to cuspids impacted palatally or labially. The 1" traction chain swings freely within the eyelet. The small .016" diameter and large .022" diameter chain links can be cut easily to achieve the desired length.

**Made in the USA**

**Eruption Appliance with Small Traction Chain**

For use with .020" Solid Elastic Thread

Round Base/Sm. Chain ..... G19644

Rectangle Base/Sm. Chain ..... G19645

Autoclavable up to 275°F/135°C

5 per pack

**Eruption Appliance with Large Traction Chain**

For use with .020", .025", and .030" Solid Elastic Thread

Round Base/Lg. Chain ..... G19650

Rectangle Base/Lg. Chain ..... G19651

Autoclavable up to 275°F/135°C

5 per pack

## Eruption Appliance Typodont

Features eruption appliances on the exposed palatal and labial upper cuspids. Both the round base and rectangular base (small chain) eruption appliances are used. This typodont also features stainless steel brackets in Ortho Technology's version of the Roth Rx.

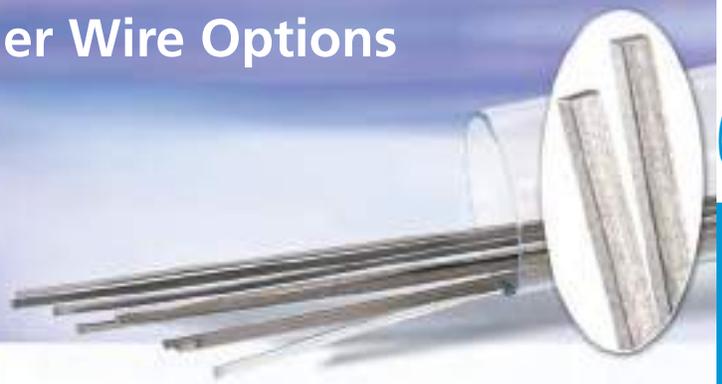
**Eruption Appliance Typodont**

Item #: G50-205EA

1 per pack



## Two Great Retainer Wire Options



### Braided Retainer Wire

**Perfect for Permanent Fixed Lingual Retainers Does Not Unwind When Cut**

Used to make permanent fixed lingual retainers following orthodontic treatment, the Braided Retainer Wire features a very thin, rectangular wire that can be adapted with no occlusal interference while ensuring patient comfort. It prevents inadvertent tooth movement associated with active force wires. This three strand, stainless steel, braided retainer wire is annealed or "dead soft" so that it can be easily formed and holds bends to make bondable lingual retainers.

Can be used as semi-permanent orthodontic splinting of the upper or lower incisors and to maintain difficult extraction sites.

- Made in the USA

Item #: 68292  
.010" depth x .028" width x 6.0" lengths, 10 per pack

### Flat Titanium Dead-Soft Lingual Wire

**Offers easy formability, and ideal for retaining final torque positions**

Used for fixed lingual retainers, this wire features increased interproximal strength for semi-permanent splinting and maintaining difficult extraction sites on upper or lower arches. Titanium wire offers reduced wear rates and is nickel-free, eliminating potential patient allergy issues. The "dead-soft" wire can be easily formed, and its flat dimensions are ideal for retaining final torque positions.

- Made in the USA

Item #: 68293  
.010" depth x .028" width x 6.0" lengths, 10 per pack

Fixed Appliances



### Bondable Lingual Retainers

#### Size Measurement

Size selection is determined by millimeter measurement from center of one tooth to the next.

- Anatomical form
- Foil mesh offset bonding pads
- Heat treatable wire
- Made in the USA

#### Lower Cuspid to Cuspid

▼ Lower/Mandibular Cuspid to Cuspid (3x3) .032" Diameter Wire

#2	22.0 mm	68285
#4	24.0 mm	68281
#6	26.0 mm	68282
#8	28.0 mm	68283
#0	30.0 mm	68284

5 per pack



#### Upper Central to Central

▲ Upper/Maxillary Central to Central (1x1) .028" Diameter Wire

4.0 mm	68286
6.0 mm	68287
9.0 mm	68288

5 per pack

#### Cuspid to Cuspid Kit

Item #: 68280  
20x retainers, 4 per each size

#### Central to Central Kit

Item #: 68290  
20x retainers: 6x 4.0 mm, 6x 6.0 mm, and 8x 9.0 mm per kit



### CNA™ Palatal Arch

Designed to control upper first molars with gentle biocompatible force, the loop is reversed to point toward the anterior of the palate reducing patient gag reflex. Made of CNA™ Beta III Nickel Free wire, the arch is contoured to the upper palate and can be easily adjusted to fit individual patients. Features low-profile inserts that fit easily into standard horizontal .036" lingual sheaths.

#### CNA Palatal Arches

28.0 mm	033-228
30.0 mm	033-230
32.0 mm	033-232
34.0 mm	033-234
36.0 mm	033-236
38.0 mm	033-238
40.0 mm	033-240
42.0 mm	033-242

5 per pack

**CNA Palatal Arch Kit**  
Item #: 033-220  
8 arches per pack  
1 of each size

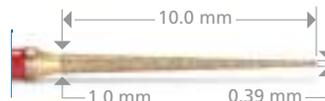




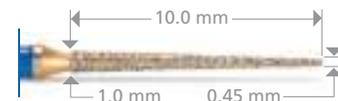
# Galaxy™

ORTHO TECHNOLOGY®

## Interproximal Reduction



**Fine Grit Long**  
(Red Color ID)  
Item #: 8859-31-010  
High speed, 5 per pack



**Medium Grit Long**  
(Blue Color ID)  
Item #: 859-31-010  
High speed, 5 per pack

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C



**Fine Grit Short**  
(Red Color ID)  
Item #: 8858-31-014  
High speed, 5 per pack



**Medium Grit Short**  
(Blue Color ID)  
Item #: 858-31-014  
High speed, 5 per pack



**Fine Grit Mosquito**  
(Red Color ID)  
Item #: 8392-31-016  
High speed, 5 per pack

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

Burs & Discs

### Interproximal Diamond Burs

It is recommended to begin with the medium diamond to quickly remove the required amount of enamel. Follow up with the fine diamond to smooth the tooth surface creating a precise, parallel end result.

- Consistent grit size and friction grip
- Excellent diamond particle exposure
- For use with high speed handpieces



### High Speed Interproximal Kit

Item #: HS-IPR-KIT  
Includes: 2x medium grit long, 2x fine grit long, 2x medium grit short, 2x fine grit short, 2x fine grit mosquito, and bur block

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

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### High Speed Burs Intro Kit

Item #: HS-KIT  
Includes: 2x terminator metal cutter, 2x IPR medium grit long, 2x IPR fine grit long, 2x 12 fluted long flame, 2x 12 fluted long taper, 2x 12 fluted football, 2x high shine enamel polisher (W16F) and bur block

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C



# Interproximal Reduction

## Diamond Discs Smoothly Remove Tooth Mass

Flexible design for both reduction and contouring. Smoothly remove tooth mass interproximally to create intra-arch space or open contact points between teeth. Great for use with many popular aligner systems including Invisalign®.

- Flexible for ease of use
- Disc diameter 19.0 mm and 22.0 mm
- For use with low speed handpieces
- Includes 2 diamond discs and 1 mandrel



Try Our **IPR Gauge Set**  
See Page 152

**A. Double-Sided Diamond Disc**  
19.0 mm..... 88617  
22.0 mm..... 88613  
Disc thickness 0.19 mm

**C. Double-Sided Mesh Diamond Disc**  
19.0 mm..... 88657  
22.0 mm..... 88656  
Disc thickness 0.20 mm

**B. Double-Sided See-Thru Diamond Disc**  
22.0 mm..... 88655  
Disc thickness 0.20 mm

**D. Single-Sided Diamond Disc**  
19.0 mm..... 88616  
22.0 mm..... 88614  
Disc thickness 0.15 mm,  
mounted diamond side down

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C  
Invisalign is a registered trademark of Align Technology.



## Diamond 3 Disc Intro Kit

**22.0 mm Intro Kit**  
Item #: DD-KIT

**19.0 mm Intro Kit**  
Item #: DDKIT2

Includes: 1x double-sided, 1x single-sided, 1x double-sided see-thru with mandrels and bur block

Includes: 1x double-sided, 1x single-sided, 1x double-sided mesh with mandrels and bur block

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C



## Diamond 4 Disc Intro Kit

**22.0 mm Intro Kit**  
Item #: DDKIT1

Includes: 1x double-sided, 1x single-sided, 1x double-sided see-thru, 1x double-sided mesh with mandrels and bur block

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

# Galaxy™

ORTHO TECHNOLOGY®

## Interproximal Reduction



### IPR Gauge Set

Use during interproximal reduction to check space.

- Six Gauges Included: .10 mm, .20 mm, .25 mm, .30 mm, .40 mm, & .50 mm
- Stainless steel

Item#: IPR-GAUGE  
Autoclavable up to 248°F/120°C  
1 per pack



### Diamond Disc Safety Guards

#### Clear Safety Guard

- Disposable
- For complete visibility
- Fits discs up to 22.0 mm
- Use with doriot style handpieces

Item #: 88615  
15 per pack

#### Metal Safety Guard

- Use with doriot style handpieces
- |              |       |
|--------------|-------|
| 19.0 mm..... | 88611 |
| 22.0 mm..... | 88612 |
- Autoclavable up to 275°F/135°C  
1 per pack

Burs & Discs



### Interproximal Diamond Strips

#### Perforated, Flexible

Perforated Diamond Strips are designed for complete control during interproximal stripping, shaping, and contouring. Strips allow easy access and precise manual enamel reduction resulting in a smooth, natural finish. Perforated design provides improved visibility, total control, and more flexibility than solid lightning strips. Strips are color coded; yellow for extra fine, red for fine, and blue for medium.

- Single sided and color coded
- Stainless steel with diamond coating
- Uncoated center gateway segment
- 2 widths: 2.5 mm and 3.75 mm
- 3 grits: extra fine (15 micron) fine (30 micron) medium (45 micron)
- Thickness: extra fine (.08 mm) fine (0.10 mm) medium (0.12 mm)
- Length: 147.0 mm

#### Interproximal Strips Narrow

- Yellow, Extra Fine. 88603
- Red, Fine ..... 88602
- Blue, Medium ..... 88601

Strip width 2.5 mm, 10 per pack

#### Interproximal Strips Wide

- Yellow, Extra Fine. 88503
- Red, Fine ..... 88502
- Blue, Medium ..... 88501

Strip width 3.75 mm, 10 per pack

Autoclavable up to 270°F/132°C

#### Interproximal Kits

- Narrow - 2.5 mm ..... 88600
- Wide - 3.75 mm ..... 88500
- 3x extra fine, 3x fine, 3x medium



### Protects Your Patients' Lips During Interproximal Stripping



### Lip Ring Retractor

#### Great for Adults and Children During Bonding

- Sized for adults and children
- Made of a high quality medical grade plastic
- Works great for bonding and intraoral photography

Item #: 54683  
2 per pack, Cold sterilizable



# Debonding

## Debonding Carbide Burs

- Ideal shapes for finishing all facial and lingual surfaces
- Specifically designed with orthodontic debonding and finishing in mind
- Controlled debonding without nicking, scratching or abrading the enamel
- Corrosion resistant finish
- Smooth, friction grip shank

### Available in Slow & High Speed



**Slow Speed Latch Type Shank**  
2.35 mm width



**High Speed Friction Grip Shank**  
1.6 mm width



**18 Fluted Small**  
Item #: H118S-21 (Slow Speed)  
Item #: H118S (High Speed)  
5.7 mm head length



**18 Fluted Long**  
Item #: H118L-21 (Slow Speed)  
Item #: H118L (High Speed)  
8.3 mm head length



**18 Fluted Tapered**  
Item #: H218-21 (Slow Speed)  
Item #: H218 (High Speed)  
7.3 mm head length



**Slow Speed Latch Shank**  
5 per pack

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

**High Speed Friction Grip Shank**  
5 per pack



**12 Fluted Long Taper**  
Item #: H375R-21-016 (Slow Speed)  
Item #: H375R-31-016 (High Speed)  
8.0 mm head length



**12 Fluted Long Flame**  
Item #: H48L-21-012 (Slow Speed)  
Item #: H48L-31-012 (High Speed)  
8.0 mm head length



**12 Fluted Football**  
Item #: H379-21-023 (Slow Speed)  
Item #: H379-31-023 (High Speed)  
4.4 mm head length



**Slow Speed Latch Shank**  
5 per pack

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

**High Speed Friction Grip Shank**  
5 per pack



- Designed for controlled removal of bulk bonding adhesive after brackets are debonded
  - Ideal for posterior debonding
- 10 Fluted Finishing Carbide**  
Item #: H134-21-014 (Slow Speed)  
Item #: H134-31-014 (High Speed)  
5.9 mm head length

**Slow Speed Latch Shank**  
5 per pack

**High Speed Friction Grip Shank**  
5 per pack

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

## Debonding Bur - 7901



**12 Fluted Needle, 7901**  
Item #: 7901OT  
4.0 mm head length  
High Speed, 5 per pack

- Needle shaped trimming & finishing bur
- 12 fluted

Dry heat sterilizable up to 340°F/170°C or Autoclavable up to 250°F/121°C

## Finishing Diamond Burs

- Ideal for finishing and reshaping teeth during and after orthodontic treatment
- Ideal for equilibration and adjustment of occlusal surfaces of teeth during and after orthodontic treatment



**Extra Fine Grit Long**  
(Yellow Color ID)  
Item #: 135EF-31-014



**Extra Fine Grit Football**  
(Yellow Color ID)  
Item #: 379EF-31-023



**Fine Grit Long**  
(Red Color ID)  
Item #: 135F-31-014  
High speed, 5 per pack



**Fine Grit Football**  
(Red Color ID)  
Item #: 379F-31-023

Dry heat sterilizable up to 340°F/170°C or Autoclavable up to 250°F/121°C



Item #: DB-KIT  
Dry heat sterilizable up to 340°F/170°C or Autoclavable up to 250°F/121°C

## Debonding Burs Intro Kit

Includes: 2x 12 fluted long taper, 2x 12 fluted long flame, 2x 12 fluted football, 2x high shine enamel polisher (W16F) and bur block



Item #: PREM-DB-KIT  
Dry heat sterilizable up to 340°F/170°C or Autoclavable up to 250°F/121°C

## Premium Debonding Kit

Includes: 2x 10 fluted finishing carbide, 2x 18 fluted small, 2x 18 fluted long, 2x 18 fluted tapered, 2x finishing extra fine grit long, 2x finishing fine grit long, 2x fine grit football, 2x extra fine grit football, 2x high shine enamel polisher (W16F), and bur block





# Galaxy™

ORTHO TECHNOLOGY

## Polishers

Burs & Discs



### Debonding Polishers

- Safely remove residual adhesive after debonding
- Optimal shapes to reach difficult areas
- Protective silicone based grit does not damage enamel



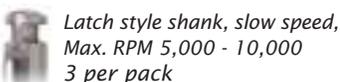
**Debonding Polisher 9.0 mm**  
Item #: G1F  
9.0 mm head length



**Debonding Polisher 7.5 mm**  
Item #: G2F  
7.5 mm head length



**Debonding Polisher 6.5 mm**  
Item #: G3F  
6.5 mm head length



Latch style shank, slow speed,  
Max. RPM 5,000 - 10,000  
3 per pack

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

### Finishing Polishing Points

- 5 micron diamond grit suspended in resilient silicone
- Used after debonding to create a high polish finish



**High Shine Enamel Polisher**  
1.6 mm width

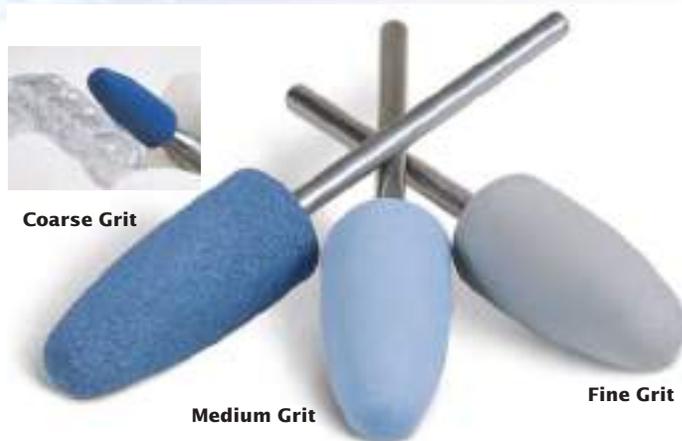
Item #: W16F  
High speed, Max. RPM 10,000  
8.0 mm head length,  
3 per pack



**High Shine Enamel Polisher**  
2.35 mm width

Item #: W16D  
Slow speed, Max. RPM 4,000 - 8,000  
10.4 mm head length,  
3 per pack

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### Acrylic Polishers

- Ideal for finishing & polishing of acrylic appliances
- Made of a resilient silicone

#### Assorted Pack

Item #: GLOSS-ASST  
Includes: 2x coarse, 2x medium,  
2x fine, 6 per pack

Coarse Grit ..... G634  
Medium Grit..... G635  
Fine Grit..... G636  
Max. RPM 10,000, 24.0 mm head  
length, 6 per pack

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C



### Polishing Wheels

- Pre-mounted on a mandrel for perfect balance
- Ideal for a smooth finish of vacuum formed plastics and metal appliances

Coarse ..... 1670016  
Medium ..... 1670092  
Fine ..... 1670091  
12 per pack

# Laboratory Cutters & Burs

## Vacuum Form Cutter Spiral Flute

- Ideal for acrylic vacuum form plastic and metal cutting



Item #: H219S-11-023  
Low speed, 16.0 mm head length  
1 per pack



Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

## Terminator Metal Cutter

- Designed to smoothly cut through metal
- Eliminates bounce and vibration
- Perfect for herbst or crown removal



Item #: T-2  
High speed, 4.0 mm head length,  
5 per pack

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

## Cutting Wheel

### Quickly Cut Away Plastic from Model!

- High quality steel
- One piece tool



Item #: 88800  
1 per pack  
Max RPM 10,000, diameter 10.0 mm,  
Dry heat sterilizable up to 370°F/188°C



## Lab Burs Intro Kit

Includes: 1x large egg shape, 1x medium taper, 1x large pointed taper, 1x vacuum form cutter spiral flute and bur block

Item #: LAB-KIT  
1 per pack  
Dry heat sterilizable up to 340°F/170°C  
or autoclavable up to 250°F/121°C



## Laboratory Carbide Burs

- Extremely precise tooth geometry provides our straight handpiece cutters excellent cutting efficiency of all acrylics while leaving a very smooth finish
- 3/32" shank for use with low speed handpieces
- Speed and pressure sensitive - you determine how much and how fast
- Coated with super hard gold Titanium Nitride to greatly extend the life of the bur



**Medium Taper**  
Item #: 79E-11-040  
Low speed, 1 per pack  
13.0 mm head length



**Large Pointed Taper**  
Item #: 257RE-11-060  
Low speed, 1 per pack  
14.0 mm head length



**Large Egg Shape**  
Item #: 251EF-11-060  
Low speed, 1 per pack  
14.0 mm head length

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

## Bur Blocks



**Lab Burs**  
▪ Holds 14 burs  
Item #: BB-100  
1 per pack



**High Speed Burs**  
▪ Holds 27 burs  
Item #: BB-200  
1 per pack

Dry heat sterilizable up to 340°F/170°C or autoclavable up to 250°F/121°C

## Bur Block Custom Etching

Item #	Description
BB-100-C	Bur Block-Lab Burs (holds 14 burs) Etch
BB-200-C	Bur Block-High Speed Burs (holds 27 burs) Etch
DB-KIT-C	Debonding Burs Intro Kit (8 burs/bur block) Etch
DD-KIT-C	Diamond Discs Intro Kit (3 discs/bur block) Etch
DDKIT1-C	Diamond Discs 22mm Intro Kit (4 discs/bur block) Etch
DDKIT2-C	Diamond Discs 19mm Intro Kit (3 discs/bur block) Etch
HS-IPR-KIT-C	High Speed IPR Kit Etch
HS-KIT-C	High Speed Burs Intro Kit (14 burs/bur block) Etch
LAB-KIT-C	Lab Burs Intro Kit (4 lab burs/bur block) Etch
PREM-DB-KIT-C	Premium Ortho Debonding Kit Etch



# MiniStripper™

Compact Interproximal Stripping System

## Safety & Control

### at Your Fingertips

#### Designed by an Orthodontist

- Small size provides control and stability in tight spaces
- Compact size is safer to use than other interproximal stripping devices
- Variety of strip sizes for every interproximal stripping need
- Easy to use – different strips can be switched out in seconds
- Strips are available as single-sided or double-sided providing precise stripping of intra-arch space
- All kit components are autoclavable up to 275°F/135°C
- Stainless steel construction



Actual Size

Featured in the  
World Journal  
of Orthodontics



#### MiniStripper Kit

Item #: 54301

1x MiniStripper Handle, 4x 6.0 mm single-sided stainless steel strips, 4x 4.0 mm single-sided stainless steel strips, 2x 6.0 mm single-sided diamond strips, and 2x 6.0 mm micro saw strips

#### MiniStripper Handle

Item #: 54308

Autoclavable up to 275°F/135°C  
1 per pack

#### 6.0 mm Single-Sided Stainless Steel Strips

Item #: 54304

10 per pack, strip thickness is 0.10 mm

#### 4.0 mm Single-Sided Stainless Steel Strips

Item #: 54305

10 per pack, strip thickness is 0.10 mm

#### 6.0 mm Single-Sided Diamond Strips

Item #: 54306

5 per pack, strip thickness is 0.15 mm

#### 6.0 mm Double-Sided Stainless Steel Strips

Item #: 54309

10 per pack, strip thickness is 0.16 mm

#### 4.0 mm Double-Sided Stainless Steel Strips

Item #: 54310

10 per pack, strip thickness is 0.14 mm

#### 6.0 mm Micro Saw Strips

Item #: 54307

5 per pack

© 2018 Ortho Technology, Inc. MiniStripper is a trademark of Ortho Technology. Patent Pending.

# QWIKSTRIP™



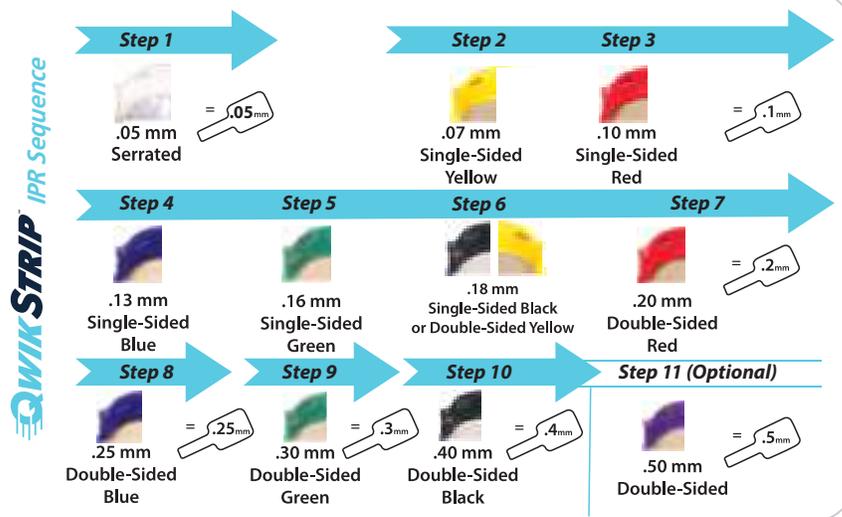
## Making IPR Procedures Easier and Safer to Perform

The industry leading QwikStrips are an interproximal solution for removing cement from in between teeth and also for creating the precise spacing needed for minor tooth movement (IPR).

- Unique Grip
- Single Handed Use
- Better Tactile Control
- Depth Limiting Design
- Greater Safety for Both the Patient and the Doctor
- Single-Sided, Double-Sided, Curved and Serrated

In order to create precise interproximal spaces for any Orthodontic procedure including Invisalign™, Clear Correct™, Six Month Smiles™, MTM™ or any minor tooth movement needed, use QwikStrip™ color coded abrasive strips according to the sequence outlined. The reduction process (IPR) should begin with the white serrated strip (not pictured) to break the contact, followed by the yellow single-sided strip (.07 mm), and continue in sequence until the desired space is achieved. Check the reduction with an approved measurement guide before moving to the next strip (grit) in the sequence.

**Note:** Use all versions of QwikStrips (single-sided, double-sided, and curved) in any area of the mouth. In order to achieve optimal results and for maintaining the proper anatomical contour for posterior teeth, finish any IPR procedure by using the curved QwikStrips.



## INTRODUCTORY KITS!

### QwikStrip™ Serrated and Abrasive Strips

**QwikStrip Single-Sided**  
Assorted ..... QS-ASST  
2x each size, .07 mm, .10 mm,  
.13 mm, .16 mm, .18 mm, 10 per pack

**QwikStrip Double-Sided**  
Assorted ..... QSDS-ASST  
2x each size, .18 mm, .20 mm,  
.25 mm, .30 mm, .40 mm,  
10 per pack

**QwikStrip Curved**  
Assorted ..... QSC-ASST  
2x each size, .07 mm, .10 mm,  
.13 mm, .16 mm, .18 mm,  
10 per pack

**QwikStrip Ultimate**  
Assorted ..... QS-ULT-10  
1x each single-sided size, .07 mm,  
.10 mm, .13 mm, .16 mm, .18 mm,  
1x each double-sided size, .18 mm,  
.20 mm, .25 mm, .30 mm, .40 mm,  
10 per pack

**QwikStrip Serrated**  
□ .05 mm ..... QS-SER  
10 per pack

Steam sterilizable up to 325°F/162°C

### Individual Refill Packs Also Available!

**QwikStrip Single-Sided Refill Packs**

Yellow	.07 mm	.....QS-SF
Red	.10 mm	.....QS-F
Blue	.13 mm	.....QS-M
Green	.16 mm	.....QS-C
Black	.18 mm	.....QS-XC

10 per pack

**QwikStrip Curved Refill Packs**

Yellow	.07 mm	.....QSC-SF
Red	.10 mm	.....QSC-F
Blue	.13 mm	.....QSC-M
Green	.16 mm	.....QSC-C
Black	.18 mm	.....QSC-XC

10 per pack

**QwikStrip Double-Sided Refill Packs**

Yellow	.18 mm	.....QSDS-SF
Red	.20 mm	.....QSDS-F
Blue	.25 mm	.....QSDS-M
Green	.30 mm	.....QSDS-C
Black	.40 mm	.....QSDS-XC
Purple	.50 mm	.....QSDS-XXC

10 per pack

Steam sterilizable up to 325°F/162°C

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# ULTRA-GUARD®

SPECIALLY DESIGNED FOR ATHLETES WITH BRACES



Patient Care

✓ **ULTRA-GUARD**  
ALL SPORT MOUTHGUARD



**\$7,500<sup>00</sup>**  
Dental Warranty

Complete Warranty Details  
Available Online

✓ **ULTRA-GUARD**  
ALL SPORT MOUTHGUARD

Allows for Tooth Movement  
During Orthodontic Treatment  
and Maintains Bite Tab  
Thickness Unlike Boil & Bite  
Mouthguards



✓ **ULTRA-GUARD**  
ALL SPORT MOUTHGUARD



Protection for Both Upper  
and Lower Teeth  
Plus Protects Lips and  
Gums from Lacerations

✓ **ULTRA-GUARD**  
ALL SPORT MOUTHGUARD

Thick Shock Absorbing  
Bite Tabs Lessen Chances  
of Concussion



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# ULTRA-GUARD

## ALL SPORT MOUTHGUARD

The **PERFECT MOUTHGUARD** for **ALL SPORTS!**



**Shock Absorbing Bite Tabs**  
Helps to protect the brain from concussion by dissipating the shock of a blow to the lower jaw away from the brain

**Ergonomically Contoured**  
Conforms to the inside of the mouth with smooth rounded edges, providing maximum comfort for the athlete



**Double Protection Shield**  
Helps to protect oral tissue from laceration by shielding the lips and cheeks from both upper and lower teeth



*New!* **ULTRA-GUARD Purple color!**



**Free-Flow Air Channel**  
Allows for easy breathing and clear speech

MADE IN THE **USA**

**Professional Quality Optional Helmet Strap**  
The heavy-duty tear resistant strap connects easily to the facemask of helmets

### ULTRA-GUARD Color Mouthguards Meet NCAA Regulations

#### Individual Packaging Match Team Colors

	w/strap	no strap
	24001	24101
	24002	24102
	24003	24103
	24004	24104
	24005	24105
	24006	24106
	24007	24107
	<b>24008</b>	<b>24108</b>
	24000	24100



**Non-Latex\***  
Same price with or without helmet strap. One size fits all.

12 per box  
\*Not made from natural rubber latex.

\*\*Assorted colors include 2x each, red, blue, black, clear, pink and purple.



Contents not included

## Ortho Performance® Mesh Bag

- One bag with multiple uses
- Can be used to hold headgear items, multi-adjustable facemasks or oral hygiene kits
- Solid blue in color with a secure zipper closure
- Made from premium micro mesh material

Item #: 560111  
10 per pack  
Measures 8¾" x 5"

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## Elastobyte Wafers

### Provides Relief For Patient Discomfort

- Chewing on the elastobyte may increase blood circulation
- Helps relieve patient's pain and discomfort
- Great for recently moved or separated teeth
- Made in the USA

#### Standard Packs

Grape Scented ..... 860-229  
Cherry Scented ..... 860-230  
Bubble Gum Scented..... 860-231

25 per pack

#### Large Economy Packs

Grape Scented .....860-129  
Cherry Scented .....860-130  
Bubble Gum Scented.....860-131

200 per pack



# Retainer Cases - Portable Protection!



Glow-In-The-Dark

Classic

### Classic

	Blue.....	350-000
	Red .....	350-001
	Pink.....	350-002
	Orange.....	350-003
	Yellow.....	350-004
	Green.....	350-005
	Black.....	350-006
	Clear.....	350-007
	Aqua.....	350-008
	Purple.....	350-009
	Assorted.....	350-010



**MAKES A GREAT MOUTHGUARD CASE FOR MOUTHGUARDS WITHOUT STRAPS!**

### Glow-In-The-Dark

	Assorted.....	350-020
--	---------------	---------

25 per pack

### Strong, High-Impact Plastic in Your Choice of Classic and Glow-In-The-Dark Finishes

- Appliance key holder style
- Durable long life hinge
- Write-on I.D. area
- 1¼" depth fits most appliances
- Vented holes prevent odors
- 13 exciting color options
- Made in the USA

### 7 Exciting Colors!



### Color and Black & White Retainer Cases with Mirror

- Use for retainers, elastics, aligners
- Smooth rounded compact design
- Secure snap-tight closure
- Durable plastic - high gloss finish

#### Color Retainer Cases

Item #: 45205  
12 per pack, 3" x 1" with ¾" inside depth, 2x each color, melon, tangerine, aqua, violet, royal blue, and white

#### Black & White Retainer Cases

Item #: 45204  
12 per pack, 3" x 1" with ¾" inside depth, assorted black and white combinations



**Grape**  
600-001



**Blueberry**  
600-009



**Mint**  
600-005



**Cinnamon**  
600-004



**Pineapple**  
600-008



**Cotton Candy**  
600-013



**Orange**  
600-002



*Dispenser does not include product.*



**Cherry**  
600-003



**Chocolate**  
600-012



**Bubble Gum**  
600-007



**Coconut**  
600-011

## Ortho Performance® Patient Relief Wax

▪ Made in the USA

**Patient Relief Wax**  
50 per pack

### Relief Wax Dispenser

Item #: OT-RWD  
8¼" W x 8½" H x 4½" D  
1 per pack

### Plain Wax In Scented Cases

- |  |  |
|--|--|
| <input type="checkbox"/> Grape .....600-001      | <input type="checkbox"/> Blueberry.....600-009       |
| <input type="checkbox"/> Orange .....600-002     | <input type="checkbox"/> Coconut .....600-011        |
| <input type="checkbox"/> Cherry .....600-003     | <input type="checkbox"/> Chocolate.....600-012       |
| <input type="checkbox"/> Cinnamon .....600-004   | <input type="checkbox"/> Cotton Candy .....600-013   |
| <input type="checkbox"/> Mint .....600-005       | <b>Unscented Wax Cases</b>                           |
| <input type="checkbox"/> Bubble Gum .....600-007 | <input type="checkbox"/> Silver.....600-010          |
| <input type="checkbox"/> Pineapple .....600-008  | <input type="checkbox"/> Glow-In-The-Dark ...600-006 |



### ORTHODONTIC WAX

**A. Utility Wax Strips**

See Page 145

**B. Laminated Bite Wafers**

See Page 133

## Orthosil™ Relief Silicone

**Will Not Melt Or Dry Out!**

- Great for adults
- A must for musicians
- Added protection for athletes
- Longer lasting than regular wax
- Made in the USA

Item #: 600-050

50x assorted sparkle cases per pack



# INfALAB

Powerful Brace Relief  
in a Compact Kit!



## Brace Gard Mini Pak

- Convenient mirrored case
- Medical grade silicone will not crumble or deteriorate
- Reusable without leaving residue
- Will not melt or become brittle
- Cover one bracket or an entire arch

Item #: 7906  
80 per pack, each kit contains  
12x individual silicone squares

## PATIENT CARE



## Brace Gard Silicone

- Refill the pocket kit, place into hygiene kits or give out individually
- Thick, pliable and transparent
- Medical grade silicone will not crumble or deteriorate
- Reusable without leaving residue
- Not temperature sensitive like wax



Item #: 7908  
200x 2 rod packs per box

# Easy Online Ordering

[www.orthotechnology.com](http://www.orthotechnology.com)

**New Site. New Style.**  
Same Exceptional  
Customer Service.



**Responsive. Streamlined.**  
Place Orders with Ease.



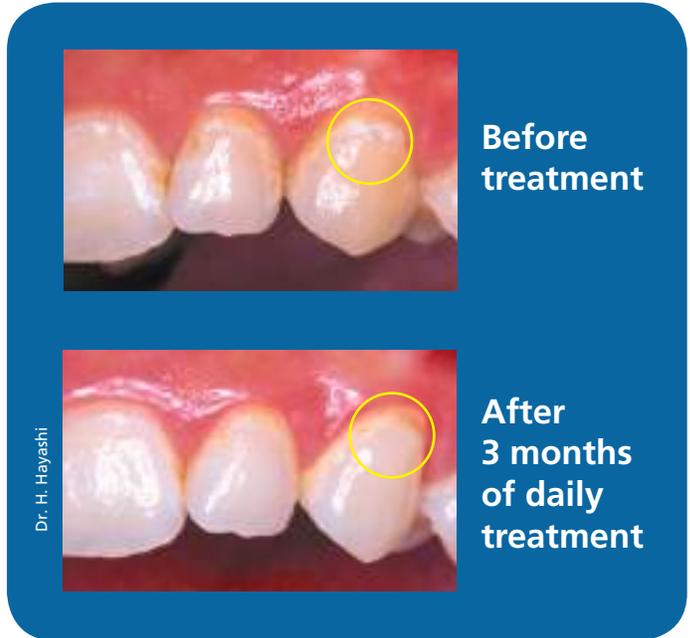
# Making Remineralization Better

Delivers Complex Supercharged Calcium and Phosphate Ions

## MI Paste™ & MI Paste Plus™



MI Paste and MI Paste Plus with fluoride contain RECALDENT™ (CPP-ACP) and are preventive options used to correct the mineral imbalance by delivering a complex of supercharged calcium and phosphate ions to the enamel to form calcium phosphate crystals and help remineralize the teeth. MI Paste and MI Paste Plus with fluoride helps reverse the effects of decalcification. Apply topically 1-2 times per day for 3-5 minutes.



### Mint Flavor

Item #: 003679  
10x tubes of MI Paste (40 gm each) per case, mint flavor

### MI Paste™

- Replaces lost minerals
- Protects teeth from decay and decalcification
- Strengthens tooth enamel
- Reduces sensitivity
- Buffers plaque acid
- Water based and sugar free

### Assorted Flavors

Item #: 002265  
10x tubes of MI Paste (40 gm each) per case, two tubes of each flavor (melon, mint, strawberry, tutti frutti and vanilla)



### MI Paste Plus™

- Allows for better mineral infusion of calcium, phosphate & fluoride
- Contains 900 ppm fluoride ions (0.2% sodium fluoride)
- Superior to fluoride alone
- Increases fluoride uptake into plaque and subsurface enamel
- Depresses demineralization

### Vanilla Flavor

Item #: 002888  
10x tubes of MI Paste Plus (40 gm each) per case, vanilla flavor

### Mint Flavor

Item #: 002621  
10x tubes of MI Paste Plus (40 gm each) per case, mint flavor

### Assorted Flavors

Item #: 002614  
10x tubes of MI Paste Plus (40 gm each) per case, two tubes of each flavor (melon, mint, strawberry, tutti frutti and vanilla)

# Comfort Cover™

"The Ideal Alternative to Relief Wax"



**Snaps Easier Into Place and Stays More Secure Than Competing Brands**

## Fits Aesthetic and Metal Brackets

Ortho Technology's Comfort Cover shields the patient's lips and cheeks from the discomfort often associated with orthodontic treatment or activities where the risk of oral laceration could occur, such as playing musical instruments or light contact sports where mouthguards are excessive.



## Comfort Cover™

### Individually packaged

- Packaged for professional presentation to your patients
- Convenience makes living with braces easier every day. Each patient set of Comfort Covers protects both the upper and the lower arch and is made from non-latex material\*

- Great for carrying in book bags, handbags, or gym bags
- Made in the USA

Item #: 98165  
5 patient sets per pack



© 2018 Ortho Technology, Inc. Comfort Cover is a trademark of Ortho Technology. U.S. Patent Number D510439. \*Not made from natural rubber latex.





# Patient Compliance and Preventative Care Made Simple!



## Ortho Performance® Premium Ortho Hygiene Kit 5 Piece

A compact accessory kit to help patients adjust to their new orthodontic appliances and hygiene routine

### Premium Ortho Hygiene Kit Contents

- Premium bi-level ortho tapered head toothbrush (ORT10789)
- Ortho wax in jewel case
- 10 floss threaders in plastic case (ORT20412)
- Interproximal brush-cone profile
- Premium mint floss (ORT48037)
- Plastic case

### Assorted colors:

- Blue ● Green ● Purple ● Red

Item #: ORT48019

36 kits per case, measures 8" x 3"

Complete Oral Hygiene In One Convenient Take Along Kit

### COMPARE TO:

GUM® Orthodontic Dental Kit

Patient Care



## Ortho Performance® Ortho Hygiene Kit 8 Piece

The versatility of our Ortho Performance 8 Piece Hygiene kit encourages patient compliance. Made of premium micro mesh material, the eye-catching blue bag is breathable, yet very durable. Even with the kit pieces included, the bag has storage room for more. Perfect for patients on the go!

### Ortho Hygiene Kit Contents

- Compact v-trim 35 tuft orthodontic toothbrush
- Travel v-trim 35 tuft toothbrush
- Cylindrical intraoral proxy brush (20043)
- 10 pack of floss threaders
- 12 yards of waxed dental floss
- 1 case of non-allergenic wax for patient comfort
- Plastic patient mouth mirror
- Tooth brushing 2 minute timer
- Royal blue micro mesh bag (560111)

Item #: ORT48017

36 kits per case/complete cases only measures 8 3/4" x 5"

### Assorted colors:

- Blue ● Green ● Purple ● Red



# Our Premium Line of Toothbrushes

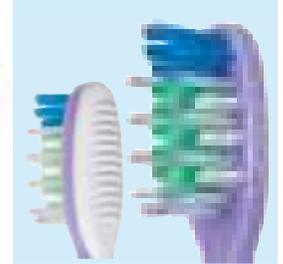


**Ortho Performance®  
Premium Sensitive Compact  
Head Toothbrush** – Adult Extra Soft  
Item #: ORT10788

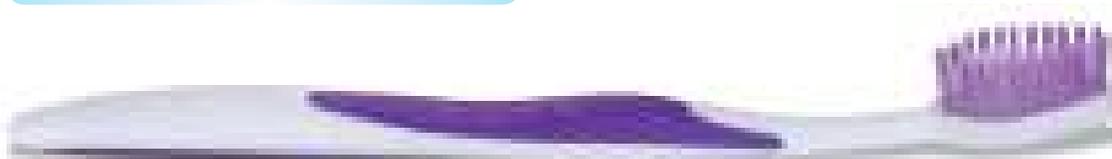
30 tufts with extended tapered bristles to clean interproximal areas and sweep debris from gums.

**Assorted colors:**

- Light Blue
- Light Green
- Lavender
- Pink



**COMPARE TO:** GUM® Technique Toothbrush



**Ortho Performance®  
Premium Bi-Level Ortho Tapered  
Head Toothbrush** – Adult Soft  
Item #: ORT10789

40 tufts with v-trim bristle cut and a flexible neck for easier access while cleaning.

**Assorted colors:**

- Blue
- Green
- Purple
- Red



**COMPARE TO:** GUM® "V" Trim Toothbrush / Colgate® Orthodontic Toothbrush



**Ortho Performance®  
Premium Sensitive Full Head  
Toothbrush** – Adult Extra Soft  
Item #: ORT16778

37 tufts with bristled tapered filaments that are ideal for periodontal cleaning.

**Assorted colors:**

- Light Blue
- Sea-Foam Green
- Lavender
- Pink



**COMPARE TO:** GUM® Summit Toothbrush



**Ortho Performance®  
Premium Multi-Directional Compact  
Head Toothbrush** – Adult Soft  
Item #: ORT16996

32 tufts with opposing angled bristles and power tip to reach deep between teeth, and tongue cleaner.

**Assorted colors:**

- Blue
- Green
- Purple
- Red



**COMPARE TO:** GUM® Super Tip® Toothbrush / Oral B® Cross Action® Toothbrush

**Ortho Performance  
Premium Toothbrushes**  
72 toothbrushes per pack, assorted colors



**Ortho Performance Premium Toothbrushes**  
Individually Packaged for Patient Presentation



# Our Premium Line of Patient Care Products

## Ortho Performance® Premium Dental Floss

**COMPARE TO:** GUM® Eez-Thru® Dental Floss



**Premium Dental Floss – Mint**  
Item #: ORT48037  
4 m each, 72 per pack

**Premium Dental Floss – Plain**  
Item #: ORT48038  
4 m each, 72 per pack



**COMPARE TO:** GUM® Eez-Thru® Floss Threaders

## Ortho Performance® Premium Floss Threader

Item #: ORT20412  
100 holders per case, 10 per plastic holder



**COMPARE TO:** GUM® Go-Betweens® Cleaners

## Ortho Performance® Interproximal Brush

Item #: ORT20041  
36 per pack

**Cylinder Profile**  
Features a teal grip, cylinder profile 0.45 mm wire with finger rest for ease of use.



**COMPARE TO:** GUM® Proxabrush® Trav-Ler®

## Ortho Performance® Interproximal Brush

Item #: ORT20040  
36 per pack

**Cone Profile**  
Features a blue grip, cone profile 0.45 mm wire with finger rest for ease of use.



**COMPARE TO:** GUM® V Trim Travel Toothbrushes

## Ortho Performance® Premium Ortho V-Trim Travel Toothbrushes

Compact body v-trim bristle cut with 34 tufts, designed to snap securely into place for travel.

Item #: ORT44003  
72x toothbrushes per pack

**Assorted colors:**  
● Blue ● Turquoise  
● Purple ● Pink



## Ortho Performance® V-Trim Toothbrushes

Soft nylon bristles with rounded ends provide maximum patient comfort. Assorted bright colors make brushing fun for the patient. Each 41 tuft brush is individually wrapped.

Item #: 34596  
144x toothbrushes per pack

**Assorted colors:**  
● Blue ● Red ● Yellow  
● Purple ● Green

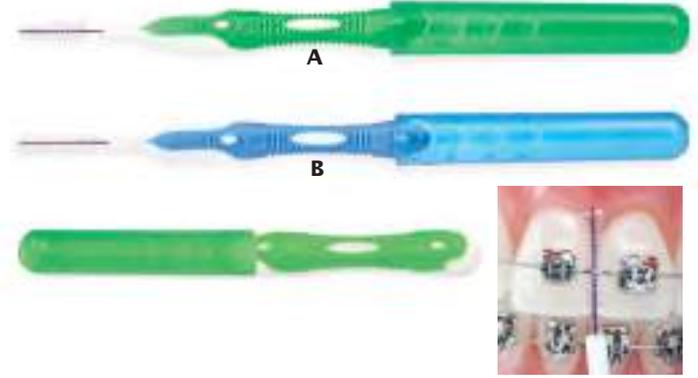
# Patient Compliance and Preventative Care Made Simple!



## Ortho Performance® Dual-Ended Toothbrushes

Provides gentle and effective cleaning around brackets and wires. The bristles are made from high quality, round-ended, soft nylon and are firmly anchored in place.

- The perfect brush for orthodontic usage
  - V-trim toothbrush with an interproximal brush attached to the handle
- Item #: 34597  
72x toothbrushes per pack  
(36x translucent blue and 36x clear)



## Ortho Performance® Interproximal Brushes

Taper or cylinder shaped brush with soft, high quality, round-ended nylon bristles with 0.40 mm wire, flexible handle and travel cap. Encourages patients to clean around the brackets and underneath wires.

- Brush head is adjustable for hard to reach areas
  - Perfect for on-the-go orthodontic usage with protective cap
- A. Tapered..... 20044  
B. Cylindrical ..... 20043  
36x brushes per pack



## TRY OUR NEW TOOTHBRUSH DISPENSER!

### The Perfect Brushing Station Organizer!

See page 193

Item #: OT-TB DISPLAY



## Mint Flavor Ortho Performance® Adult Disposable Pre-Pasted Toothbrushes

Soft, polished bristles with rounded ends provide maximum patient comfort. Each 39 tuft brush is pre-pasted with transparent, US formulated, non-fluoride, mint flavored toothpaste. Individually packaged in a single cellophane bag. Ideal for patient use prior to operatory visit.

Item #: ORT10917A  
144x toothbrushes per pack

**Assorted colors:**

- Blue ● Red
- Yellow ● Green



## Bubble Gum Flavor Ortho Performance® Child Disposable Pre-Pasted Toothbrushes

Extra soft, polished bristles with rounded ends provide maximum patient comfort. Each 30 tuft brush is pre-pasted with a US formulated, non-fluoride solution, bubble gum flavored toothpaste. Individually packaged in a single cellophane bag. Ideal for patient use prior to operatory visit.

Item #: ORT10930  
144x toothbrushes per pack

**Assorted Sparkle colors:**

- Pink ● Purple
- Blue ● Green

# Cleans and Brightens Removable Dental Appliances!



96 or 36 Count Box



## Retainer Brite®

Retainer Brite cleans Essix and Hawley retainers – plus nightguards, mouthguards, splints, and most other removable dental appliances.

- Helps remove plaque and tartar
- Kills germs and bacteria
- Cleans and brightens
- Keeps appliances minty fresh
- Made in the USA

Item #: 18159  
96 tablets per box, 12 boxes per case

Item #: 18160  
36 tablets per box, 24 boxes per case

## waterpik®

### Flosser for Braces – Model FLA-220

The ideal patient accessory for orthodontic treatment. Clinically proven as effective as manual flossing in removing plaque and reducing gingivitis.

Vibrating Tip

Item #: 20007140  
Includes 1x flosser, 1x AA replaceable battery, 15x disposable replacement tips

**Replacement Tips**  
Item #: 20008972  
Cartridge with 30x disposable tips



# PLAQUEHD<sup>®</sup>

1<sup>st</sup> Professional  
Plaque-Identifying Toothpaste



**TARGETOL<sup>™</sup>**  
TECHNOLOGY

See the  
**PLAQUE**  
You Missed!

*Perfect for Patients with Hygiene Concerns!*



TARGETOL TECHNOLOGY contains disclosing agents to color and identify plaque build-up on teeth. This allows the patient to target any areas of plaque build-up that may have been missed during brushing to completely remove plaque from teeth.



**STEP-BY-STEP INSTRUCTIONS**

1. Place a pea-sized amount of toothpaste on your toothbrush.
2. Brush normally.
3. Spit out extra toothpaste but do not rinse.
4. Look in mirror and identify green plaque build up.
5. Without adding more toothpaste, brush away green spots.
6. Once all plaque is removed, rinse out mouth completely with water.

**Plaque HD Toothpaste**

Mint.....ORT116M  
Berry Bubble Gum.....ORT116B  
12 tubes per case (116 gm each)

Starter Card.....PM-1550-US-01  
Table Tent .....PM-1600-US-01  
1 each

Dual Pack ..... ORT116-DP  
1x tube of Mint and 1x tube of  
Berry Bubble Gum (116 gm each)



## Chewies™ Aligner Tray Seaters

- Helps seat aligner trays properly
- Chewing increases blood circulation and can aid patient discomfort
- Scented and unscented
- Made of soft plastic
- Made from Non-Latex\*\* material
- 1 3/8" x 7/16"
- Made in USA

- Bubble Gum Pink** ..... ORTBGC
  - Mint Green**..... ORTGMC
  - Unscented White**.....ORTUWC
  - Pineapple Yellow**..... ORTPNC
  - Grape Purple** ..... ORTGPC
- 10x patient 2-packs per pack

\*\*Not made from natural rubber latex.



## Retainer Retrievers

### Directions for Use

1. Grasp the Retainer Retriever by the end with the hole in it.
2. Insert the hooked end of the Retainer Retriever into the mouth.
3. Using the hook, gently grasp an edge of the retainer or aligner near the front of the mouth and pull away from the arch.
4. If resistance is felt, it may be necessary to repeat step 3 in several locations along the arch. Do not use excessive force to try and remove the retainer or aligner.

- Helps patients remove appliances cleanly and efficiently
- Stores in appliance case
- Made in the USA
- Individual tamper-proof patient bags
- 10 per pack

- Blue** ..... ORTRRB
  - Green** .....ORTRRG
  - Orange**.....ORTRRO
  - Pink**..... ORTRRP
  - White**..... ORTRRW
- 10x patient individual-packs per pack

## ComfortBrace™ Dental Brace Protective Strips



### Safe to Use and Easy to Apply

1. Peel off backing
2. Apply over teeth and braces

- One size fits all
- Maximum adhesion for 24 hr protection
- Immediate pain relief from irritation caused by braces
- Won't interfere with talking or drinking
- Made from Non-Latex\*\* material
- Fresh mint taste

Item #: ORTCB24C  
24 strips per box, 3" x 5/8"

\*\*Not made from natural rubber latex.



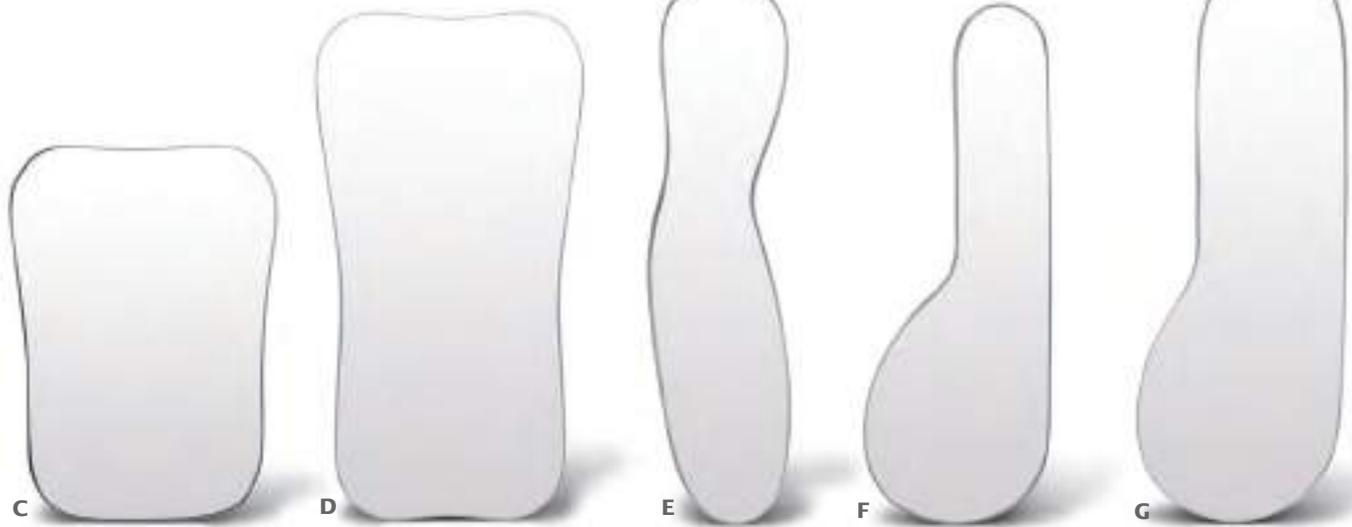


PixSure  
Perfect®

Clinical Photography Supplies

Intraoral Rhodium Coated  
Photographic Mirrors

MADE  
IN THE USA



The Durable Surface Coating Produces  
a Sharp and Precise Image Every Time

**A. Occlusal** (Child)

Item #: 32700  
3 1/3" (84.6 mm) x 2 2/5" (61.5 mm) x 2" (50.8 mm)

**B. Occlusal** (Child Extra Long)

Item #: 32701  
4 1/2" (114.3 mm) x 2 1/2" (63.5 mm) x 2 1/2" (57.2 mm)

**C. Occlusal** (Adult)

Item #: 32702  
4" (101.6 mm) x 3" (76.2 mm) x 2 1/2" (63.5 mm)

**D. Occlusal** (Adult Extra Large)

Item #: 32703  
5 1/2" (139.7 mm) x 3" (76.2 mm) x 2 2/3" (67.8 mm)

**E. Lingual**

Item #: 32704  
6" (152.4 mm) x 1 2/5" (35.6 mm) x 1 1/2" (38.1 mm)

**F. Buccal** (Narrow)

Item #: 32705  
5 3/4" (145.0 mm) x 2" (50.8 mm) x 1" (25.4 mm)

**G. Buccal**

Item #: 32706  
6 1/4" (158.8 mm) x 2 1/4" (57.2 mm) x 1 3/4" (44.4 mm)



(C) Occlusal (Adult)



(G) Buccal



(E) Lingual

- Superior color and contrast
- Rhodium coated glass
- Tempered glass coated on both sides
- Optimum reflectivity and adhesion
- Resistant to abrasion
- Extremely durable coating
- Use with digital or 35 mm
- Withstands repeated sterilization

1 per pack  
Autoclavable up to 270°F/132°C



The surface of PixSure Perfect® rhodium coated mirrors ensures maximum reflectivity, adhesion, and resistance to abrasion

© 2018 Ortho Technology, Inc. PixSure Perfect is a registered trademark of Ortho Technology.





All PixSure Perfect® Intraoral Stainless Steel Double Ended Photographic Mirror surfaces are set at 30° to each other for ease of use



## PixSure Perfect®

Clinical Photography Supplies

### Intraoral Stainless Steel Photographic Mirrors

These Highly Polished Stainless Steel Double-Ended Mirrors Provide the Perfect Imaging Solution for Every Patient

- No double reflections
- Polished stainless steel
- Double ended versatility
- Extremely durable finish
- Use with digital or 35 mm
- Withstands repeated sterilization

The highly polished surfaces of PixSure Perfect® stainless steel mirrors ensure high reflectivity and are virtually indestructible

*1 per pack  
Autoclavable up to 273°F/134°C*

- A. Adult Occlusal/Child Occlusal**.....32800  
2<sup>3</sup>/<sub>4</sub>" (70.0 mm) x 7" (178.0 mm) x 2<sup>3</sup>/<sub>16</sub>" (55.0 mm)
- B. Adult Occlusal/Adult Buccal**.....32803  
2<sup>13</sup>/<sub>16</sub>" (72.0 mm) x 7<sup>1</sup>/<sub>2</sub>" (190.0 mm) x 2<sup>1</sup>/<sub>8</sub>" (54.0 mm)
- C. Adult Occlusal/Child Occlusal**.....32802  
2<sup>7</sup>/<sub>8</sub>" (73.0 mm) x 7<sup>1</sup>/<sub>4</sub>" (185.0 mm) x 2<sup>9</sup>/<sub>16</sub>" (66.0 mm)
- D. Child Occlusal/Child Buccal**.....32806  
2<sup>9</sup>/<sub>16</sub>" (65.0 mm) x 6<sup>15</sup>/<sub>16</sub>" (176.0 mm) x 1<sup>13</sup>/<sub>16</sub>" (47.0 mm)
- E. Lingual Upper/Lingual Lower**.....32804  
1<sup>13</sup>/<sub>16</sub>" (47.0 mm) x 7<sup>11</sup>/<sub>16</sub>" (195.0 mm) x 1<sup>13</sup>/<sub>16</sub>" (47.0 mm)
- F. Adult Buccal/Child Buccal**.....32805  
2<sup>7</sup>/<sub>16</sub>" (62.0 mm) x 7<sup>3</sup>/<sub>8</sub>" (189.0 mm) x 1<sup>13</sup>/<sub>16</sub>" (47.0 mm)
- G. Buccal**.....32801  
1<sup>5</sup>/<sub>8</sub>" (42.0 mm) x 6<sup>11</sup>/<sub>16</sub>" (170.0 mm) x 1<sup>5</sup>/<sub>8</sub>" (42.0 mm)



# PixSure Perfect<sup>®</sup>

Clinical Photography Supplies

PixSure Perfect<sup>®</sup>

## Retract EEZ<sup>®</sup> Photo Lip Retractor

### Innovative Design

### Provides Maximum Exposure

- Features easy grip handles
- Great anatomical fit
- One size fits most
- Excellent for occlusal photographs
- Angled bend helps retract lips
- Smooth rounded edge for patient comfort
- Made in the USA

Item #: 84516 (Clear)

1 per pack

Autoclavable up to 290°F/143°C

Cold Sterilizable

Heat sterilization may cause hazing

Not recommended for Dentronix



PixSure Perfect<sup>®</sup>

## Stainless Steel Double Ended Photo Cheek Retractors

### Two Sizes in One for a Sure Fit and Full Unobstructed View

- Double ended with a large retractor on one side and a small retractor on the other
- High quality stainless steel will not discolor, yellow or become brittle like plastic
- Brushed stainless steel construction
- Accepts any method of sterilization
- Ultra-slim design for maximum comfort

Item #: DT-159

Sterilizable up to 320°F/160°C

1 pair per pack



PixSure Perfect®

## Photo Cheek Retractors Double Ended

High Density Plastic Withstands Repeated Sterilization



- Sized to comfortably fit most adults and children
- Durable plastic design
- Will not dry out, crack, or turn cloudy with proper sterilization
- Lightweight construction
- Suitable for most types of posterior photography



Item #: DT-155 (Clear)  
Autoclavable up to 250°F/121°C  
1 pair per pack

PixSure Perfect®

## Photo Cheek Retractors Double Ended

Smooth Edges for Patient Comfort

- Sized for adult or child
- Maximum view of posterior
- Easily holds lip and cheeks
- Designed for comfort
- Made in the USA



**Autoclavable** (Gray)  
Item #: 600-301  
Autoclavable up to 270°F/132°C  
1 pair per pack

**Heat Sterilizable** (Amber)  
Item #: 600-302  
Heat Sterilizable up to 370°F/188°C  
1 pair per pack



**Cold Sterilizable** (Clear)  
Item #: 600-303  
1 pair per pack

PixSure Perfect®

## Photo Cheek Retractors

Long Handles for Easy Grasp



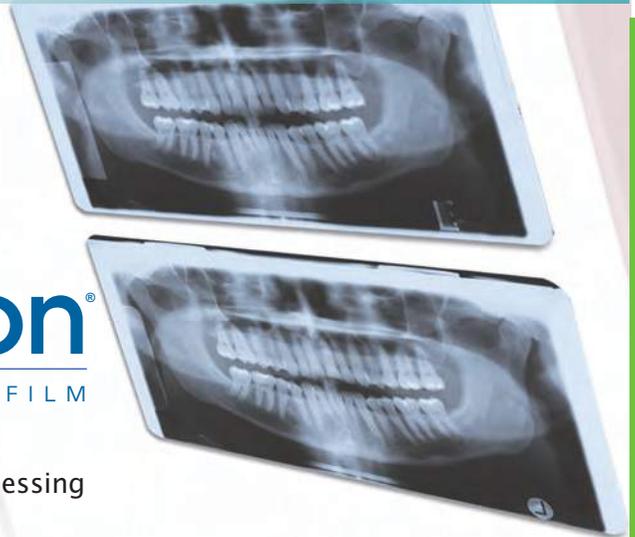
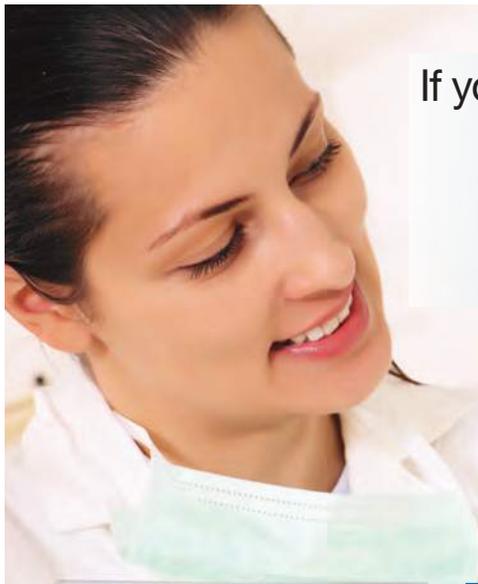
- Durable plastic design
- Adult and child sizes
- Smooth edges for patient comfort
- Easily withstands repeated sterilization
- Provides full exposure of the posterior



**Small** (Blue)  
Item #: WW-605451  
**Large** (Blue)  
Item #: WW-605450  
Autoclavable up to 250°F/121°C  
1 pair per pack

If you can't see the difference, why pay the difference?

# Cut Your Film Costs By More Than 50%



## TruVision®

EXTRAORAL X-RAY FILM

### 100 sheets per box

- Automatic or manual processing
- Superb archival stability
- Sharp image quality
- Works with all brands of chemistries

### TruVision® Green Sensitive

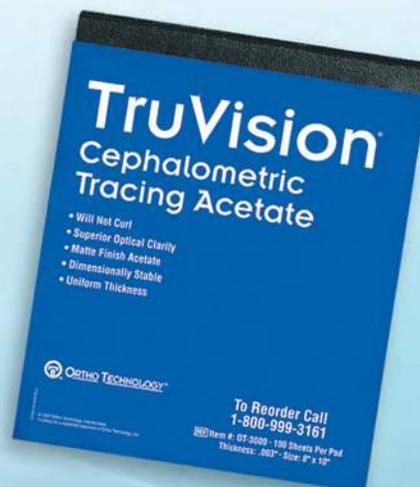
- OTOS-0512.....Green Panoramic ..... 5" x 12" (12.7 x 30.5 cm)
  - OTOS-0612.....Green Panoramic ..... 6" x 12" (15.2 x 30.5 cm)
  - OTOS-0810.....Green Cephalometric..... 8" x 10" (20.3 x 25.4 cm)
- 100 sheets per box

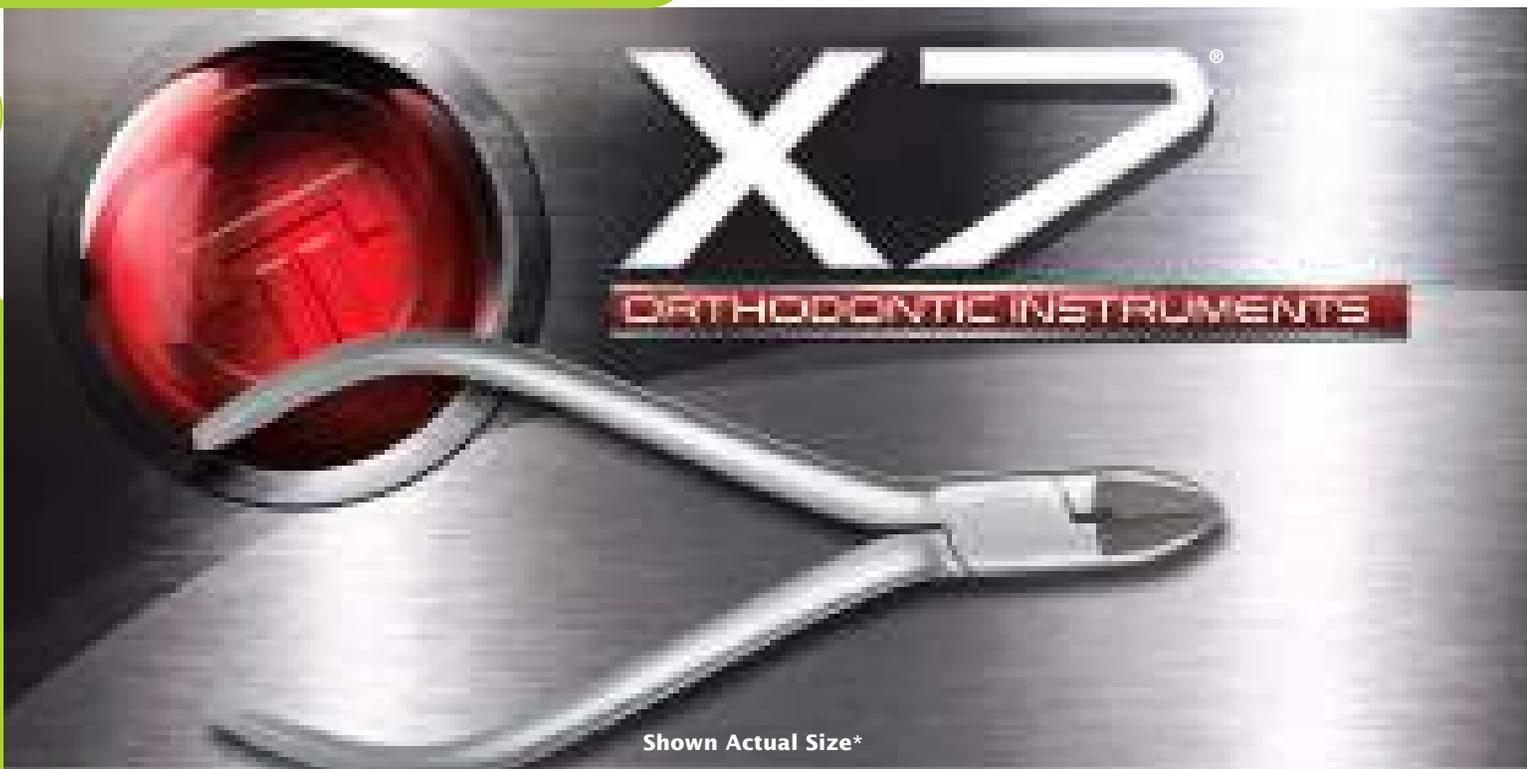
### Ortho Technology's TruVision® Conversion Chart

Film Type	Green Sensitive
TruVision®	TruVision® Green Sensitive
Agfa®	ST8 G
Kodak®	T-MAT G EKTAVISION

## Cephalometric Tracing Pads

- Lays flat, will not curl
  - Superior optical clarity
  - Matte finish
  - .003" thickness acetate
  - Generous 8" x 10"
  - Made in the USA
- Item #: OT-3000  
100 sheets per pad





Shown Actual Size\*

## X7 Orthodontic Instruments Premium Cutters and Pliers

- Precision Manufactured in the USA with USA and/or German Stainless Steel
- Hand-Crafted Through 80% of the Process
- High Quality 400 Series Surgical Stainless Steel Material Blend
- Stringent Quality Control for Consistent Performance and Reliability
- Handle Designed for Optimal Fit and Comfort
- Contoured Corners Around the Joint Area for a Slim-Line Look and Feel
- Shadow Satin Surfacing to Minimize Glare and Provide a Long-Lasting Finish
- Lifetime Warranty Against Materials Defects and Craftsmanship\*\*  
Sharpening cutters and/or repairing minor tip damage is not covered by warranty as this is considered to be routine maintenance for normal use.

1 per pack  
Steam Sterilize for at least 4 Minutes at 270°F/132°C or 30 Minutes at 250°F/121°C

© 2018 Ortho Technology, Inc. X7 is a registered trademark of Ortho Technology.  
\*Multi Use Cutter Item #: 400-106 \*\*For full warranty and instructions for care information visit [www.orthotechnology.com/x7](http://www.orthotechnology.com/x7)



### Distal End Cutter Item #: 400-100

Designed to cut all types of wires up to .021" x .025" (.53 mm x .64 mm). The head safely holds the cut portion of wire to be discarded.



### Distal End Cutter with Long Handle Item #: 400-101

Extra long handles designed for additional user comfort. Cuts all types of wires up to .021" x .025" (.53 mm x .64 mm) and safely holds the cut portion to be discarded.



### Flush Cut Distal End Cutter Item #: 400-103

Designed to cut and hold archwire distally flush to the buccal tube or bracket while reducing debondings. It is designed for all types of wire up to a maximum of .019" x .025" (.48 mm x .64 mm). This cutter comes with 1 silicone insert already loaded in the working end and two extras included in the package. Replacement silicone inserts can be re-ordered as needed.



### Micro Cutter Item #: 400-099

The tapered tips are designed to cut soft wire pins and ligature wires up to .012" (.30 mm). The slim, short curved tips allow for access into difficult areas with 15° offset tips. Cutting edge length 0.39" (9.87 mm).



### Micro Mini Pin & Ligature Cutter, 15° Angled Item #: 400-108

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



### Micro Mini Pin & Ligature Cutter Item #: 400-104

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 Item #: 400-106

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



### Mini Pin & Ligature Cutter Item #: 400-105

Designed to cut soft wire pins and ligature wires up to .012" (.30 mm). The slim profile is a plus in difficult to access areas. Cutting edge length 0.50" (12.67 mm).



### Hard Wire Cutter Item #: 400-107

Designed to cut hard wires up to .021" x .025" (.53 mm x .64 mm). Cutting edge length 0.46" (11.70 mm).



### Long Tapered Bird Beak Plier Item #: 400-109

Designed to bend a variety of smooth loops up to .021" x .025" (.53 mm x .64 mm).



### Bird Beak Plier with Cutter Item #: 400-111

Designed for smooth bending surfaces for a range of loop sizes while providing a sharp blade for cutting. Cuts up to .021" x .025" (.53 mm x .64 mm).



### Bird Beak Plier Item #: 400-110

Designed for smooth wire bending for a range of loops sizes for round wires up to .030" (.76 mm).



### Light Wire Bird Beak with Groove Plier Item #: 400-130

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.

## X7<sup>®</sup> ORTHODONTIC INSTRUMENTS



### Light Wire Bird Beak Plier Item #: 400-136

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).



### Small Weingart Plier Item #: 400-114

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



### Standard How Utility Plier Item #: 400-115

Designed with serrated tips to provide useful placement and removal of archwires, pins and other auxiliaries.



### Rectangular Arch Forming Plier Item #: 400-116

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).



### Lingual Arch Forming Plier Item #: 400-132

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



### Posterior Band Removing Plier, Long Handle Item #: 400-120

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" (4.76 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.



### Angulated Debonding Plier Item #: 400-122

Designed with a long handle for added user comfort and high angle design for effective anterior and posterior removal of all bracket style types – stainless steel, ceramic, and plastic brackets.



### Debonding Plier Item #: 400-123

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



### Adhesive Removing Plier Item #: 400-124

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.



### Three Jaw Plier Item #: 400-117

Designed for contouring and bending wires up to .030" (.76 mm).



### NiTi Three Jaw Plier Item #: 400-135

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



### Stop (V-Bend) Plier Item #: 400-134

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).



### NiTi Distal Cinch Back Plier Item #: 400-127

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



### Tweed Loop Forming Plier Item #: 400-131

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).



### Jaraback Plier Item #: 400-129

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).



### Replacement Teflon™ Tips Item #: 400-124T

1/4" (6.35 mm) Teflon replacement tips for Adhesive Removing Plier (Item #: 400-124).  
6 per pack



### Crown Band Contouring Plier Item #: 400-128

Designed for reshaping and contouring steel molar bands for a customized fit.



### Replacement Blades Item #: 400-124TT

5.0 mm replacement blade for Adhesive Removing Plier (Item #: 400-124).  
1 per pack



### Hollow Chop Contouring Plier Item #: 400-133

Perfect for subtle contouring of arch wires up to .030" (.76 mm).



### Replacement Teflon™ Tips Item #: 400-120T

3/16" (4.76 mm) Teflon replacement tips for Posterior Band Removing Plier (Item #: 400-120).  
6 per pack



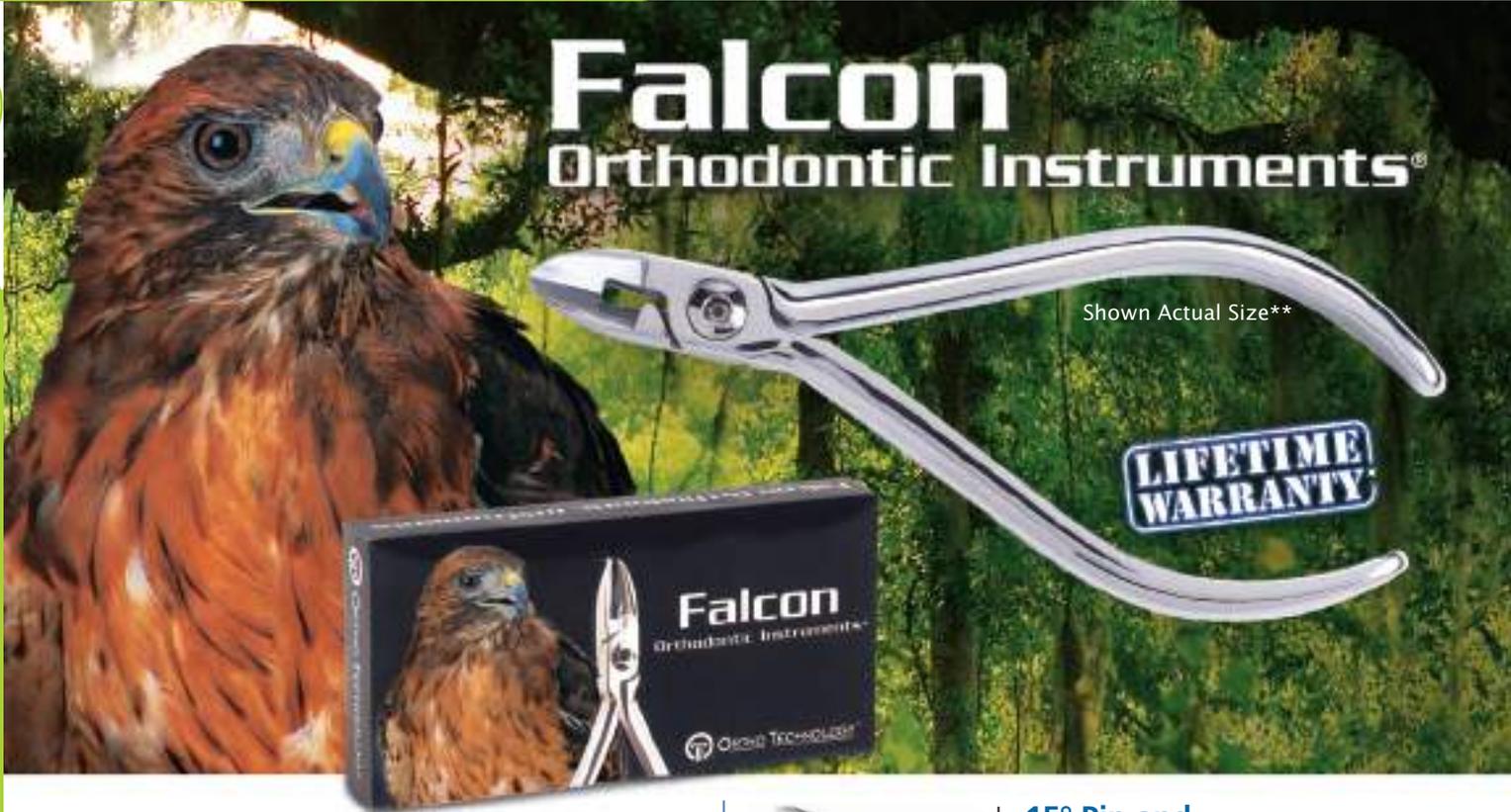
### Replacement Teflon™ Tips Item #: 400-120TT

1/4" (6.35 mm) Teflon replacement tips for Posterior Band Removing Plier (Item #: 400-120).  
6 per pack



### Replacement Silicone Inserts Item #: 400-103T

Silicone replacement inserts for Flush Cut Distal End Cutter (Item #: 400-103).  
3 per pack



Shown Actual Size\*\*

**LIFETIME WARRANTY**

### Lifetime Warranty

Falcon Orthodontic Instruments include a lifetime warranty against materials defects and craftsmanship. Cutting instruments and wire benders are guaranteed for seven years and utility pliers for ten 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.

### Stainless Steel Inserts

Ensure clean wire cuts every time

### Balanced Joint Assembly

Sliding lock joints are factory adjusted for precise long lasting tip alignment

### Ergonomic Handle

Creates excellent balance and a sure grip

- Surgical Grade Stainless Steel
- Highly Corrosion Resistant
- Diamond Honed Edges
- Precise Tip Alignment

1 per pack

Heat sterilizable up to 370°F/188°C

© 2018 Ortho Technology, Inc. Falcon Orthodontic Instruments is a registered trademark of Ortho Technology. \*\*Pin and Ligature Cutter Item #: OT-1001



### 15° Pin and Fine Wire Cutter Item #: OT-1000

The tips are angled 15° for a better field vision and to improve access. The tool steel inserted tips have backing ledges for greater strength. Cuts soft wire up to .015", pins and elastics.



### Hard Wire Cutter Item #: OT-1000HWC

Specially designed for hard wires. The cutting angle is 15° and the edge has been diamond honed to allow cutting hard wire up to .020" round.



### Pin and Ligature Cutter Item #: OT-1001

This cutter plier is standard sized with sharp cutting edges designed to cut soft wires up to .015", pins and ligatures. The cutting angle is 7°. Compact design.



**Mini Pin  
and Ligature Cutter**  
Item #: OT-1002

This cutting plier has finer tips for easy access into difficult areas. The cutting angle is 7°. Cuts soft wire up to .012", pins, ligatures and elastic smoothly and quickly.



**45° Ligature Cutter**  
Item #: OT-1006

The angled tips provide easy access to the posterior area, eliminating cheek impingement. Also designed to cut lingual ligatures. Cuts soft wire up to .015".



**Distal End Cutter,  
Safety Hold**  
Item #: OT-1016

This cutter shear cuts hard wires close to the buccal tube and holds the loose wire. Cuts wire up to .022" x .028".



**Distal End Cutter,  
Flush Cut With  
Safety Hold**  
Item #: OT-1016FC

Cuts "flush" to the distal end of the buccal tube. The wide spring steel clip holds and catches the wire throughout cutting. Cuts wire up to .018" x .025".



**Small Distal End Cutter,  
Safety Hold**  
Item #: OT-1016S

Compact head design provides easy access to hard to reach areas while minimizing cheek impingement. Cuts wire up to .018" x .025".



**Long Handled  
Distal End Cutter**  
Item #: OT-1016XL

Compact head on this cutter provides the safety hold features of the OT-1016 but has long handles. Cuts wire up to .018" x .025".



**Micro-Minature  
Light Wire Cutter**  
Item #: OT-1021

Compact tip size allows for easy access to tight intra bracket areas. The cutting angle is 7°. Cuts soft wire up to .012".



**Hard Wire Cutter**  
Item #: OT-7001

Heavy duty cutting surface easily cuts wires and pins. Strong enough to bend archwire ends after distal cutting. Cuts wire up to .022" x .028".



**Straight Utility Plier,  
How Style**  
Item #: OT-110

A general utility plier with 3/32" diameter tips which are serrated. Designed with rounded tips for maximum patient comfort and safety in mind.



**Offset Utility Plier,  
How Style**  
Item #: OT-111

A general utility plier similar to the OT-110 with machined tips, 3/32" diameter, but at a 45° offset angle. Matching serrated tips hold wires firmly.

## Falcon

Orthodontic Instruments®



### Band Seating Plier

Item #: OT-113

Firmly grips the bracket tie-wing aiding in the seating of the band. Designed with serrated tips for maximum grip that prevent slippage during use.



### Ball Hook Crimping Plier

Item #: OT-126

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.



### Angled Ball Hook Crimping Plier

Item #: OT-129

Designed with an angled tip to easily crimp auxiliaries to archwires in the posterior region. Slotted tip holds auxiliaries secure to allow for tight crimping.



### Detailing Step Plier

Item #: OT-133

Special double-sided offset head forms bayonet bends. Forms right hand or left hand step-up or step-down bends in size 1.0 mm.



### Bird Beak Plier

Item #: OT-139

An extremely popular and versatile utility plier designed for working round wire up to .030". Tips are specially designed to prevent wire scoring.



### Light Wire Plier

Item #: OT-140

Designed for working round wire up to .016" diameter. The longer tapered beaks make it easier to bend small diameter loops. Prevents wire scoring.



### Cinch Back Plier

Item #: OT-157

Use for cinching back or forming round and rectangular wire up to .028". The serrated tips are tapered to a fine point. Perfect for accessing the posterior region.



### Weingart Utility Plier

Item #: OT-158

Matching serrated pads hold wire firmly at a convenient working angle. Tapered tip fits easily between brackets. Rounded for safety.



### Utility Plier (Weingart Style, Slim tips)

Item #: OT-158BJ

The ultra slim tips are curved for easier access to difficult areas. Matching serrated pads hold wire firmly at a convenient working angle. Beaks are carefully rounded to make this plier completely lip safe.



### Three Jaw Plier

Item #: OT-200

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



**Hollow Chop Arch Forming Plier**  
Item #: OT-203B

The smooth inner surface allows for subtle contouring and forming of archwires. Forms without scoring or torquing. Perfect for accentuated curves.



**Posterior Band Remover, Long**  
Item #: OT-347L

The 3/16" pad rests on the occlusal of the molar and the non-padded remover tip catches the edge of the band for upward or downward removal. Replacement pads available. See page 186.



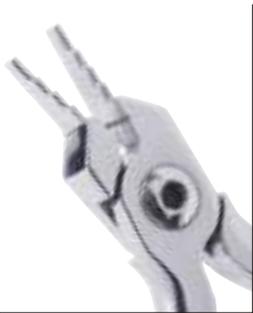
**Stop (V-Bend) Plier**  
Item #: OT-220

Makes 1.0 mm V-bends anywhere on the archwire to provide positive stops to keep the archwire from creeping. Edges are carefully diamond honed to prevent wire scoring. Use on NiTi and Stainless Steel round archwires up to .020".



**Direct Bond Bracket Remover (Wide, Replaceable Tip and Pad)** Item #: OT-349RT

Designed for removal of direct bond brackets. The 3/16" pad rests on the incisal/ occlusal edge of the tooth to provide leverage. While the tip fits between bracket and tooth surface, lifting the bracket off without stress. Also removes adhesive on tooth. Replacement tips and pads available. See page 186.



**Nance Loop Forming Plier**  
Item #: OT-230

Four steps allow precision forming of 3.0-6.0 mm loops. One beak is precision serrated to prevent wire slippage. Beveled edges prevent scoring of wire.



**Loop Forming Plier, Tweed Style**  
Item #: OT-350

Designed for making bull and helical closing loops in square or rectangular wire. Tips are designed to hold wire firmly up to .022" x .028."



**Angled Direct Bond Bracket Remover**  
Item #: OT-344

Designed to quickly and safely remove all bonded attachments. The 60° angled tip allows for easy access to difficult anterior and posterior areas.



**Omega Loop Forming Plier, Tweed Style**  
Item #: OT-352

Concave beak is contoured for making more uniform Omega Loops with ease. 3 sections of .045", .060", and .075" diameter and .090" length.



**Direct Bond Remover, Wide**  
Item #: OT-346RT

The wide replaceable precision tips wedge between the base of the bracket and the tooth surface, safely and easily lifting off the bracket.



**Jarabak Plier**  
Item #: OT-355

Ideal for precise bending of lighter wires. Precision grooves ensure accurate bending and closing of loops. Designed with serrated tips. Wires up to .020".

## Falcon

Orthodontic Instruments®



### Acrylic Debonding Plier Item #: OT-360

Designed to quickly and easily remove bonded orthodontic acrylic appliances, such as RPE's and Herbst. The plier has a hinged platform on one side and a debonding blade on the other.



### Lingual Arch Forming Plier Item #: OT-410

Designed to form double-back and triple-back bends in either .030" or .036" wire for inserting in lingual sheaths. Maintains a precise .140" width.



### Rectangular Arch Forming Plier Item #: OT-810S

Tweed Style, ideal for forming square or rectangular archwires. Beveled edges prevent scoring of archwire. Bends wire up to .022" x .028".



### Replacement Pads for #OT-347L

OT-2076  $\frac{3}{16}$ "  
OT-2077  $\frac{1}{4}$ "  
4 pads per pack  
Heat sterilizable up to 370°F/188°C



### Replacement Tips for #OT-346RT

OT-1405  
2x tips, 2x screws, and  
1x hexagon wrench per pack



### Replacement Tips for #OT-349RT

OT-1406  
1x blade, 1x occlusal pad, 1x  
screw, and 1x hexagon wrench  
per pack. Heat sterilizable up  
to 370°F/188°C



### Loop Forming Replacement Tip for #OT-352 and #OT-350

OT-316  
1x tip, 1x screw, and  
1x hexagon wrench per pack



## Looking for MSDS Answers?

If you have questions about the chemical safety of our products, you can find a complete list of downloadable product Material Safety Data Sheets on our website at [www.orthotechnology.com/MSDS](http://www.orthotechnology.com/MSDS).



[www.orthotechnology.com/MSDS](http://www.orthotechnology.com/MSDS)



# Falcon

Orthodontic Instruments®

Large-Diameter Feather-Light Handle

## Advanced Ergonomic Design With Satin Finish

- **Large-Diameter Handle**  
Reduces muscle fatigue for less risk of carpal tunnel syndrome
- **Feather-Light Design**  
Allows for a relaxed grip which provides improved tactile sensitivity
- **Textured Grip**  
Better gripping and rotational control
- **Corrosion Resistant**  
Made with high quality stainless steel material

**Falcon Hand Instruments**  
Heat sterilizable up to 370°F/188°C  
1 per pack



**Lotus Plus® SLB Explorer Double Ended Ligature Director and Explorer**, Item #: OT-2106  
For opening Lotus Plus bracket clip

- Features an archwire director end to engage the archwire into the bracket slot

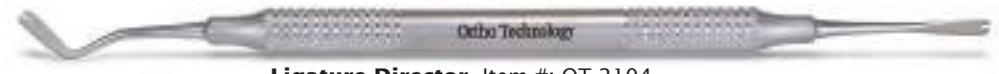
See page 17 for Lotus Plus SLB opening instructions.



**Band Pusher and Schure Scaler**, Item #: OT-2100



**Explorer**, Item #: OT-2105



**Ligature Director**, Item #: OT-2104



**Direct Bond Adhesive Remover**, Item #: OT-2102



## Double-Ended Distal Bender

The universal standard size double-ended distal bender easily crimps the distal ends of all typical wire sizes. Designed to be quick and comfortable.

- Easy access in difficult areas
- Textured grip for total control
- Ideal for precise bending
- Stainless steel design
- .018" and .030" openings perfect for all wires
- Simple to use
- Made in the USA

Item #: OT-320  
Heat sterilizable up to 370°F/188°C  
1 per pack



## Mathieu Hemostat High Polished Finish

For elastic modules or stainless steel ligature ties.

Item #: OT-8015  
Heat sterilizable up to 370°F/188°C  
1 per pack



## Mathieu Hemostat Narrow Tip, High Polished Finish

Narrow tip designed for easy placement of elastic modules.

Item #: OT-8015N  
Heat sterilizable up to 370°F/188°C  
1 per pack

## Mosquito Hemostat With Satin Finish

Tapered serrated tip for placement of elastic modules.

Item #: OT-027  
Heat sterilizable up to 370°F/188°C  
1 per pack



## Curved Mosquito Hemostat With Satin Finish

Curved, tapered serrated tip for placement of elastic modules.

- Made in the USA

Item #: OT-028  
Heat sterilizable up to 370°F/188°C  
1 per pack



Tip detail



## Serrated Trimming Scissors

- Serrated design for controlled trimming without slippage
- Curved tip cuts easily and precisely, even in hard to reach lingual areas
- Made in the USA

- 3 1/2" curved serrated trimming scissors

Item #: OT-180  
Heat sterilizable up to 370°F/188°C  
1 per pack

## Lotus Plus® DS Turn Key Instrument

Item #: OT-2108  
Autoclavable up to 250°F/121°C  
1 per pack



## Lotus Plus® Clip Opening and Closing Tweezer

### Easy Opening

To open the Lotus Plus bracket clip, place the straight arm in the clip opening, and the curved arm in the under tie-wing area and squeeze. The tool will fully open the Lotus Plus bracket without the worry of accidental bracket conversion.

### Secure Closure

To close the Lotus Plus bracket clip, place the straight arm at the base of the clip and the curved arm in the under tie-wing area and squeeze.

- Made in the USA

Item #: OT-210  
Heat sterilizable up to 370°F/188°C  
1 per pack



## Lotus Plus® Archwire Directing and Clip Closing Tweezer PLUS! Easily Seats Archwires in Crowded Cases

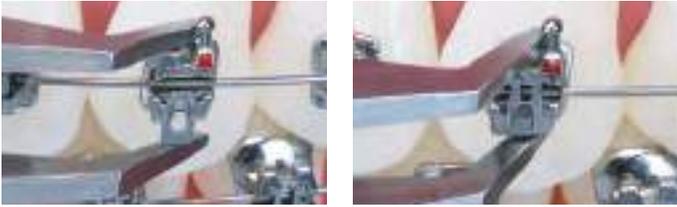
### Secure Closure

To close the Lotus Plus bracket clip while simultaneously directing the archwire, place the notched arm on the archwire and the other arm at the base of the clip and squeeze.

- Made in the USA

Item #: OT-211  
Heat sterilizable up to 370°F/188°C  
1 per pack





### Lotus Plus® SLB Tweezer Clip Closing Tool

**Secure Closure**

To close the Lotus Plus bracket clip use the Lotus Plus SLB Tweezer. See page 17 for instructions.

Item #: OT-202  
Heat sterilizable up to 370°F/188°C  
1 per pack



### Direct Bond Instrument

Stainless steel construction. Reverse action will not release bracket until desired. Designed with serrated tips.

Item #: OT-204  
Heat sterilizable up to 370°F/188°C  
1 per pack



### Direct Bond Tweezers with Bracket Aligner

Reverse action will not release bracket until desired. Aligns brackets by placing the opposite end into the bracket's slot. Stainless steel construction.

Item #: OT-322  
Heat sterilizable up to 370°F/188°C  
1 per pack



### Direct Bond Tweezers

Stainless steel construction. Reverse action, specifically designed for accurate posterior placement of brackets or tubes.

Item #: OT-203  
Heat sterilizable up to 370°F/188°C  
1 per pack

- Made in the USA



### Eruption Appliance Angled Button Tweezers

Designed to fit snugly around button pad type. Special claw-type tweezers to grip the button securely until final placement.

▪ Made in the USA  
Item #: OT-213  
Heat sterilizable up to 370°F/188°C  
1 per pack



### Eruption Appliance Curved Eyelet Tweezers

Designed to fit low profile eyelets and mesh pad styles. Special grooves to grip flat low profile pads with gold loops that are commonly difficult to hold.

▪ Made in the USA  
Item #: OT-212  
Heat sterilizable up to 370°F/188°C  
1 per pack



### Keat Buccal Tube Tweezers

The curved body of the tweezers provides an unobstructed view for easier precise placement of buccal tubes.

**A. Keat Buccal Tube Tweezers**  
Item #: OT-209  
Heat sterilizable up to 370°F/188°C  
1 per pack

**B. Reverse Action Keat Buccal Tube Tweezers**  
Item #: OT-209R  
Heat sterilizable up to 370°F/188°C  
1 per pack





## Separating Plier

### With Satin Finish

Stainless steel with spring back action for easy use.

Item #: OT-101  
Heat sterilizable up to 370°F/188°C  
1 per pack



## Boone Gauge Stainless Steel

Check the height of bracket placement from incisal edge. 3.5, 4.0, 4.5, and 5.0 mm.

Item #: OT-000-SS  
Heat sterilizable up to 370°F/188°C  
1 per pack



## Mershon Band Pusher

- 5 sided angled serrated tip
- Reduced risk of slippage
- Lightweight hollow handle

Item #: OT-206  
Heat sterilizable up to 370°F/188°C  
1 per pack



## Positive Positioner

### Now With High-Polished Finish

Precise placement of direct bond tubes or attachments made simple with the spring-loaded mechanism and small, grooved tips. The Positive Positioner is made of lightweight, anodized aluminum.



- Access first and second molars easily
- Slides open smoothly to release tube
- Made in the USA

Item #: OT-2222  
Autoclavable up to 250°F/121°C  
1 per pack



## Aluminum Height Gauge

Check the height of bracket placement from incisal edge. 3.5, 4.0, 4.5, and 5.0 mm.

.018" ..... OT-2118-SS  
.022" ..... OT-2122-SS  
Autoclavable up to 250°F/121°C  
1 per pack



## High Heat Height Gauge

Same features as the aluminum gauge at a fraction of the price. Withstands heat up to 350°F/177°C.

.018" ..... OT-2118-HH  
.022" ..... OT-2122-HH  
1 per pack



## High Heat Bite Stick

- Metal serrated triangle tip
- Molded high impact plastic
- Safe for dry heat sterilizers
- Made in the USA

Item #: OT-600-199  
Sterilizable up to 350°F/177°C  
1 per pack

# Sensation™ Self-Ligating Bracket System Opening Instruments

MADE IN THE USA



Closed

Open



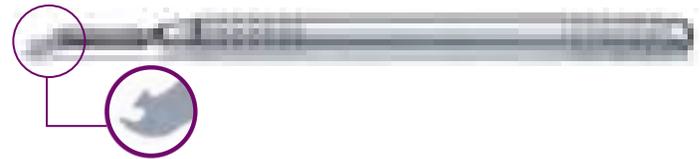
## Simple Opening



Sensation and Sensation M Clips open and close in the same manner, however, each requires a unique instrument. While both instruments may look similar, each must be used with the appropriate bracket system. Using the incorrect instrument may result in damaging the clip.

### To open the Sensation or Sensation M Bracket Clip:

1. Place the inside hook of the opening instrument into the opening of the door of the bracket interface.
2. Tilt the opening instrument gingivally to avoid possible removal of the clip.
3. Pull straight down to open using a gentle controlled force.



## Sensation™ SLB Opening Instrument



## Sensation™ M SLB Opening Instrument

Unique Clip Opening Tool specifically designed to prevent overstressing of the clip. To close; lightly apply finger pressure on the occlusal surface of the clip. Make sure the spring clip fully closes so the archwire is securely engaged.

### Sensation Ceramic SLB Opening Instrument

Item #: OT-7920

### Sensation M SLB Opening Instrument

Item #: OT-8920

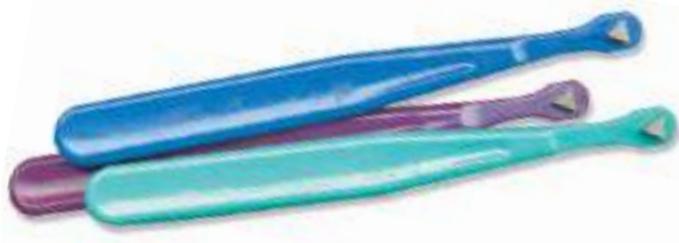
Heat sterilizable up to 370°F/188°C  
1 per pack



## FOR MORE INFORMATION ABOUT...

[Sensation Ceramic Active Self-Ligating Brackets](#)  
See pages 10-12

[Sensation M Stainless Steel Active Self-Ligating Brackets](#)  
See pages 13-14



## Color Coded Bite Sticks

Molded high impact plastic with metal serrated triangle tip

- Made in the USA

### Cold Sterilizable

Teal .....	600-201T
Purple .....	600-201P
Blue .....	600-201B

1 per pack

### Autoclavable

Teal .....	600A-201T
Purple .....	600A-201P
Blue .....	600A-201B

1 per pack

Autoclavable up to 250°F/121°C  
Do not cold sterilize.

## Miltex® Instrument Lubricant

- Pre-mixed, non-silicone, anti-corrosive formula in a ready to use spray pump bottle
- Steam permeable and water soluble
- Lubricates metal to metal moving parts and reduces friction at joint of instruments
- Helps prevent spotting, staining and rusting



Item #: 600-125  
8oz per bottle  
1 per pack

# ORGANIZERS

MADE IN THE USA

## Elastomeric Organizers

- Keeps contaminants out
- Convenient storage and visual inventory

### A. Combination Organizer

Item #: OT-CDW  
6¾"W x 5½"H x 9"D

### B. Power Chain Organizer

Item #: OT-PCD  
3¾"W x 4¼"H x 9¾"D

### C. Power Stick Organizer

Item #: OT-PSD  
10½"W x 5½"H x 5¼"D

1 each

Organizers do not include product.



## Instrument Organizers

### A. Combination Organizer

Item #: PDW-001  
6½"W x 3¾"H x 9¼"D

### B. Covered Plier Organizer

Item #: 56146  
7¼"W x 7½"H x 6"D

### C. Upright Plier Organizers

White: OT-IHW ▪ Black: OT-IHB ▪ Clear: OT-IHC  
Holds up to 18 pliers  
4¾"W x 5¼"H x 9"D

### D. Round Plier Organizer

Item #: PDW-002  
4¾"H x 4"D

1 each

Organizers do not include product.



## Brackets, Bands, & Wires

### Archwire Organizer

A. With Lid Item #: OT-AWH  
7¾"W x 4½"H x 4"D

B. No Lid Item #: OT-AWHS  
7¾"W x 2½"H x 4"D

### C. Bonding Pad Organizer

Item #: OT-BP370  
6¼"W x 6¾"H x 4¾"D

### D. Stackable Band Organizer

Item #: 85180K

### Stackable Bracket Organizer

Item #: 85181K  
Includes: 1x band/bracket tray  
11¼"W x 1½"H x 8¼"D

1 each

Organizers do not include product.



## Ortho Model™ Archive System

**Each Kit Holds Up to 320 Models**

- Saves valuable office space
- Inexpensive storage
- Holds 320 models
- Easy to assemble
- Super strong construction

### A. Top Loading

Item #: 37810

Dimensions: 15"H x 19½"W x 13¼"D

1 set of 4 large boxes (16 trays)

Use for finished cases

### B. Front Loading

Item #: 37809

Dimensions: 16"H x 18¾"W x 13"D

1 set of 4 large boxes (16 trays)

Use for active cases

 ground shipment recommended due to weight



### A. Top Loading Style

Use for Archive Cases



### B. Front Loading Style

Use for Active Cases

## Elastics Organizers

- High quality acrylic plastic
- Countertop or wall mounted
- Makes for easy access

### A. Elastics Dispenser

Item #: OT-OED

13"W x 10½"H x 4"D

### B. Creatures of the Sea®

**Elastics Organizer**

Item #: OT-OEDS

17¼"W x 10"H x 4¼"D

1 each



Organizers do not include product.

## Misc. Organizers

- Chairside presentations

### A. Relief Wax Dispenser

Item #: OT-RWD

8¼"W x 8½"H x 4½"D

### B. Alginate Flavoring Organizer

Item #: OT-AFC

10½"W x 6½"H x 3"D

### C. Adhesive Syringe Organizer

Item #: OT-ASO

7¼"W x 4½"H x 10⅞"D

### D. Toothbrush Dispenser

Item #: OT-TB DISPLAY

8⅞"W x 11¼"H x 7⅞"D

1 each



Organizers do not include product.

# Shipping Information

**Shipping:** Most orders ship the same day you place your order. You can have your products as soon as the next business day. Place your order before 2:00 P.M. E.S.T. and request overnight shipping. Otherwise we will ship your order via common carrier.

**Hassle-Free Returns:** Customer satisfaction is Ortho Technology's primary objective, and we understand, your purchase may not always meet your needs. In an effort to make the return process as hassle-free as possible, we ask that you please call us. Your satisfaction is very important to us, and your comments help us improve our products and service. When you call, a mandatory Return Merchandised Authorization (RMA) number will be assigned. This number will help expedite your exchange return.

**Return Policy:** Include the Return Merchandise Authorization (RMA) number which can be obtained by contacting our Customer Service Department. Products may be returned for credit within 30 days from Invoice date. Products under warranty must meet terms within warranty period. After 31 days and up to 60 days from Invoice date, return request will be evaluated by a Customer Service Representative as a courtesy to our customers. Returns may be authorized when these conditions are met: 1. Products are in original and unopened packaging and in re-sellable condition. 2. Returns must meet quality inspection standards, appearance and physical count. 3. A 15% restocking fee may be charged. Custom orders and special orders are not accepted for return.

Due to OSHA regulations regarding possible exposure to bloodborne pathogens, Ortho Technology is prohibited from accepting instruments for evaluation without proof of sterilization. Unless proof of sterilization is evident, Ortho Technology reserves the right to either destroy these items or return them to the customer.

**Order Shortage Notification Policy:** Any shortage of your order must be reported promptly within 30 calendar days of your order receipt to be considered. Ortho Technology is not responsible for any shortage reported after 30 calendar days.

**Terms and Billing:** Orders from qualified accounts are accepted on the basis of payment within 30 days from the date of invoice. All invoices are to be paid in U.S. Dollars. Prices listed are F.O.B. point of origin. A packing slip and invoice are enclosed with each shipment. A statement covering all open invoices is mailed monthly. A 1.5% (\$2.00 minimum) per month service charge on overdue balances will be added to accounts.

**Canadian Customers:** To provide expedited and economical shipping for our Canadian customers, orders will be shipped into Canada to your door by a common carrier. All duties, brokerage, GST, and other fees are applied during billing. This will ensure easy receipt of shipment. For easy payment, we recommend using a credit card. If payment by check is required, please write "In U.S. Funds" on the check. All catalog prices and invoice totals are listed in U.S. Dollars. When purchasing products from Ortho Technology, the customer surrenders and transfers the rights to receive the actual amount of duties refunded. All duties paid will, in turn, be refunded to the customer directly by Ortho Technology. GST will not be refunded on returns. Canadian businesses that are GST registered may claim this amount through an input tax credit.

**Continued Improvement:** Due to continuing product improvements, Ortho Technology reserves the right to change prices, discontinue products or change the design of products without advance notice. We are not responsible for typographical or photographic errors, and we reserve the right to limit quantities.

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