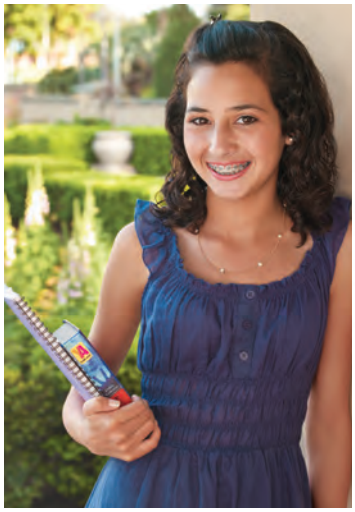
HOW CAN WE PARTNER WITH YOUR PRACTICE?

Ortho Organizers'® Product Catalog

ORTHO® Organizers

WE BELIEVE WE SHOULD GO BEYOND THE BASICS OF THE SUPPLIER-CLIENT RELATIONSHIP AND CULTIVATE PARTNERSHIPS WITH OUR CUSTOMERS TO DELIVER POSITIVE PATIENT OUTCOMES.

WE BELIEVE THIS BRINGS A SUSTAINED, COLLECTIVE VALUE TO BOTH OUR BUSINESS AND YOURS.



We deliver more than the world-class products you have come to trust over the years — we share your commitment to continuing education, and create partnerships with you that go beyond the supplier-client relationship.

We recognize that being an orthodontic practitioner today requires more than just superior clinical proficiency, it also requires a keen business acumen. That's why we're committed to the development of both. From our innovative products to our vast array of educational forums and practice-building expertise, we provide the tools to help you deliver the best level of orthodontic care to your patients, and to grow your business.

But don't just take our word for it. Come see how our history of success has helped us become one of the fastest growing orthodontic companies in the world.

OUR COMMITMENT TO QUALITY

ISO REGISTERED

Compliance with all International quality requirements.

CE CERTIFIED

Adhering to the letter of the Medical Device Act.

CE 0470

OMA MEMBER

Joining with the Orthodontic Manufacturers Association in a commitment to ensure the industry's goals.

AAOF MEMBER

A partnership in promoting the advancement of Orthodontics.

AAOF CASE PARTNER

ORDERING INFORMATION

CORPORATE

Tel	800 547 2000	760 448 8600

TO ORDER – DOMESTIC

Tel	888 851 0533	760 448 8600
Fax	800 888 7244	760 448 8602

CUSTOMER SERVICE HOURS

Monday-Thursday	6:00 am - 5:00 pm PST
Friday	6:00 am - 4:30 pm PST

DOMESTIC SALES

USASales@HenryScheinOrtho.com

TO ORDER – INTERNATIONAL

Tel	+(1) 760 448 8600
Canada (Cerum)	800 661 9567
Fax	+(1) 760 448 8607

INTERNATIONAL SALES

IntlOrders@OrthoOrganizers.com

MAIL ORDER

Henry Schein Orthodontics
Attn: Customer Service
1822 Aston Avenue
Carlsbad, CA 92008-7306

SHIPPING AND HANDLING

Priority Service guarantees order deliveries to your complete satisfaction. All prices are FOB shipping point. Shipping and Handling charges and sales tax (if applicable) will be added to your invoice.

TERMS

Orders are accepted on the basis of payment within 30 days after shipment from our Carlsbad, CA location. A packing slip is enclosed with each shipment and a separate invoice is sent first-class mail.

PAYMENT

All payments must be in U.S. funds. Payment may be made by check, VISA, MasterCard, American Express or Discover Card.

All payments must be sent to:
Ortho Organizers, Inc.
P.O. Box 223070
Pittsburgh, PA 15251-2070

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SELF-LIGATING BRACKET SYSTEM | A

SLX™ A-2
Self-Ligating Brackets

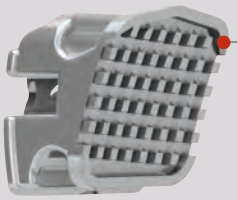
Motion™ A-10
Class II Correction Appliance

INTRODUCING THE *CARRIERE*® *SLX* BRACKET SYSTEM

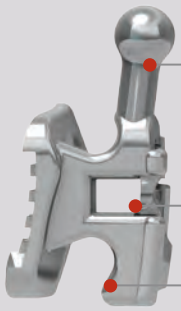
The New Standard in Performance. The New Reality in Value.

It's the most exciting news in orthodontic appliance design in years. Introducing the completely re-engineered *SLX* Self-Ligating Appliance System. The *SLX* Bracket System resets the standards for excellence and performance in passive self-ligating brackets with numerous clinician driven innovations for clinical effectiveness and efficiency.

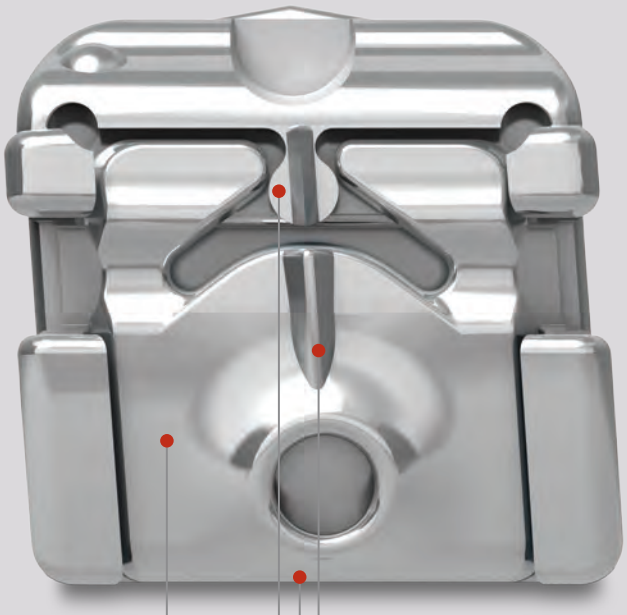
Discover the many innovative features of the *SLX* Bracket System—all designed to meet your ultimate goals—effective case management, optimal tooth positioning, and meticulous finishes.



- ***Adhesive Guard Rail***™ **(AGR) Technology** directs adhesive mesial-distal for faster, easier cleanup



- **Deeper tie wings** for easy, secure chain and ligature use
- **Reduced slot depth** for more precise tooth control
- **Fully-integrated hooks** eliminate the need for drop-in auxiliaries



- **Smooth, secure, and easy-to-operate slides** with audible and tactile cues
- ***Sure-Lok***™ **Clip for hygienic access** and reliable functionality
- **More vertical and horizontal cues** for faster, accurate placement
- **Occlusal opening, uppers and lowers,** to avoid gingival impingement

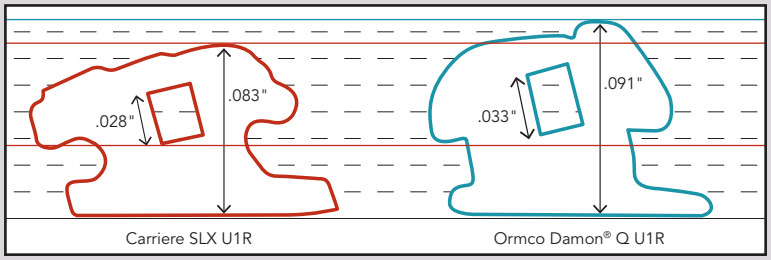
CARRIERE®
Shifting the way you think about orthodontics.

SLX BRACKET SYSTEM

PERFORMANCE AND FINISHING

Tooth specific bracket widths for improved rotational control

EFFICIENCY—A MATTER OF TIME



Lower profile design for patient comfort and less occlusal interference

YOUR PEERS ARE RAVING ABOUT THE NEW *SLX* BRACKET!

"The switch from Damon *to* SLX *has been a big win in simplicity, cost, chair time, and treatment outcomes."*
– John Stieber, DDS, PS

"SLX Brackets include important design enhancements to improve tooth control and as such, will enable clinicians to take their SL cases to the next level."
– David Paquette, DDS, MS, MSD

"The SLX *Bracket System has the features to provide clinicians with greater efficiency, better finishes, and a lower price…I couldn't be happier."*
– Michael Ragan, DDS

PATIENT MATERIALS YOUR STAFF WILL LOVE!

SLX Patient Education Brochure
Item Number 999-256
Pack of 15
Get your patients excited about the advantages of *Carriere SLX* treatment. Features before and after photos of actual patients.

15X Model of the _SLX_ Bracket
Item Number 631-713X

Carriere System Educational DVD
Item Number 999-208
Maximize your patient's consultation experience by clearly demonstrating how *SLX* Brackets and the *Motion* Class II Appliance work. You'll find easily accessible images, videos, animations, and brochures that you can print for patients to take home.

Typodont with _Carriere SLX_ Brackets
Item Number 631-713

SLX BRACKET SYSTEM

***SLX "Zero Force"* Opening Tool**

It's simply easy to open and close *SLX* Brackets with the completely new *SLX* Tool. You'll love how it:

- Seats the wire into the base of the slot to allow ease of door opening
- Provides patient comfort during door opening
- Provides a reciprocal force so that no forces are applied to the bracket
- Operates like a simple tweezer

SLX SELF-LIGATING BRACKETS
ALL PRESCRIPTIONS*,**

	CENTRALS			LATERALS			CUSPIDS			1ST BICUSPIDS			2ND BICUSPIDS		
MAXILLARY	TRQ.	ANG.	ANTI-ROT.	TRQ.	ANG.	ANTI-ROT.	TRQ.	ANG.	ANTI-ROT.	TRQ.	ANG.	ANTI-ROT.	TRQ.	ANG.	ANTI-ROT.
Roth	+12°	+5°	0°	+8°	+9°	0°	-2°	+9°	+4M°	-7°	0°	+2D°	-7°	0°	+2D°
McLaughlin, Bennett, and Trevisi	+17°	+4°	0°	+10°	+8°	0°	-7°	+9°	0°	-7°	0°	0°	-7°	0°	0°
High Torque	+17°	+4°	0°	+10°	+8°	0°	+7°	+8°	0°	-7°	0°	0°	-7°	0°	0°
Standard Q Torque	+17°	+4°	0°	+8°	+9°	0°	+7°	+8°	0°	-7°	0°	0°	-7°	0°	0°
Standard Torque	+12°	+5°	0°	+8°	+9°	0°	0°	+6°	0°	-7°	0°	0°	-7°	0°	0°
Low Torque	+7°	+5°	0°	+3°	+9°	0°	-7°	+9°	0°	-7°	0°	0°	-7°	0°	0°
MANDIBULAR															
Roth	-1°	0°	0°	-1°	0°	0°	-11°	+5°	+2M°	-17°	+2°	+4D°	-22°	+2°	+4D°
McLaughlin, Bennett, and Trevisi	-6°	0°	0°	-6°	0°	0°	-6°	+4°	0°	-12°	+2°	0°	-17°	+2°	0°
High Torque	-1°	0°	0°	-1°	0°	0°	+7°	+4°	0°	-12°	+2°	0°	-17°	+2°	0°
Standard Q Torque	-1°	0°	0°	-1°	0°	0°	+7°	+4°	0°	-12°	+2°	0°	-17°	+2°	0°
Standard Torque	-1°	0°	0°	-1°	0°	0°	0°	+5°	0°	-12°	+2°	0°	-17°	+2°	0°
Low Torque	-6°	0°	0°	-6°	0°	0°	0°	+5°	0°	-12°	+2°	0°	-17°	+2°	0°

* Call for availability.

** *Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

SLX BRACKET SYSTEM

SLX SELF-LIGATING BRACKETS
ALL KITS* (5x5)

Rx	OPTION	QTY. OF SETS	TOTAL BRACKETS	ITEM NUMBERS .018	.022
High Torque	U/L 5x5 kit with no hooks	1	20	–	713-397HT
	U/L 5x5 kit with hooks on 3's	1	20	–	713-398HT
	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	–	713-399HT
Standard Q Torque	U/L 5x5 kit with no hooks	1	20	–	713-397STQ
	U/L 5x5 kit with hooks on 3's	1	20	–	713-398STQ
	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	–	713-399STQ
Standard Torque	U/L 5x5 kit with no hooks	1	20	–	713-397ST
	U/L 5x5 kit with hooks on 3's	1	20	–	713-398ST
	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	–	713-399ST
Low Torque	U/L 5x5 kit with no hooks	1	20	–	713-397LT
	U/L 5x5 kit with hooks on 3's	1	20	–	713-398LT
	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	–	713-399LT
McLaughlin, Bennett, and Trevisi**	U/L 5x5 kit with no hooks	1	20	–	713-397MC
	U/L 5x5 kit with hooks on 3's	1	20	–	713-398MC
	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	–	713-399MC
Roth**	U/L 5x5 kit with no hooks	1	20	713-297	713-397
	U/L 5x5 kit with hooks on 3's	1	20	713-298	713-398
	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	713-299	713-399

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

SLX SELF-LIGATING BRACKETS (10 PER PACK)
VARIABLE TORQUE PRESCRIPTIONS*

	DESC.	COLOR-CODE	TOOTH#	VARIABLE	TRQ.	ANG.	ANTI-ROTATION	ITEM NUMBERS .022 R	.022 L
MAXILLARY									
Centrals	–	Black	U1	Super	+22°	+5°	0°	713-305-10	713-306-10
	–	Black	U1	High & Std Q	+17°	+4°	0°	713-309-10	713-310-10
	–	Black	U1	Standard	+12°	+5°	0°	713-307-10	713-308-10
	–	Black	U1	Low	+7°	+5°	0°	713-311-10**	713-312-10**
Laterals	–	Pink	U2	Super	+14°	+9°	0°	713-319-10	713-320-10
	–	Pink	U2	High	+10°	+8°	0°	713-327-10	713-328-10
	–	Pink	U2	Standard & Std Q	+8°	+9°	0°	713-323-10	713-324-10
	–	Pink	U2	Low	+3°	+9°	0°	713-329-10**	713-330-10**
Cuspids	–	Green	U3	High & Std Q	+7°	+8°	0°	713-349-10	713-350-10
	Hook	Green	U3	High & Std Q	+7°	+8°	0°	713-349HK-10	713-350HK-10
	–	Green	U3	Standard	0°	+6°	0°	713-355-10	713-356-10
	Hook	Green	U3	Standard	0°	+6°	0°	713-355HK-10	713-356HK-10
	–	Green	U3	Low	-7°	+9°	0°	713-353-10	713-354-10
	Hook	Green	U3	Low	-7°	+9°	0°	713-353HK-10	713-354HK-10
Bicuspids	–	Purple	U4&5's	–	-7°	0°	0°	713-357-10	713-358-10
	Hook	Purple	U4&5's	–	-7°	0°	0°	713-357HK-10	713-358HK-10
MANDIBULAR									
Anteriors	–	Yellow	L1&2's	Super	+3°	0°	0°	713-333-10	713-333-10
	–	Yellow	L1&2's	High, Std Q & Std	-1°	0°	0°	713-335-10	713-335-10
	–	Yellow	L1&2's	Low	-6°	0°	0°	713-337-10	713-337-10
Cuspids	–	Blue	L3	High & Std Q	+7°	+4°	0°	713-363-10	713-364-10
	Hook	Blue	L3	High & Std Q	+7°	+4°	0°	713-363HK-10	713-364HK-10
	–	Blue	L3	Standard & Low	0°	+5°	0°	713-373-10	713-374-10
	Hook	Blue	L3	Standard & Low	0°	+5°	0°	713-373HK-10	713-374HK-10
1st Bicuspids	–	Gray	L4	–	-12°	+2°	0°	713-387-10	713-388-10
	Hook	Gray	L4	–	-12°	+2°	0°	713-387HK-10	713-388HK-10
2nd Bicuspids	–	White	L5	–	-17°	+2°	0°	713-391-10	713-392-10
	Hook	White	L5	–	-17°	+2°	0°	713-391HK-10	713-392HK-10

* *Ortho Organizers'* prescription does not imply endorsement by the doctor(s).
** Call for availability.

SLX BRACKET SYSTEM

SLX SELF-LIGATING BRACKETS (10 PER PACK)

ROTH PRESCRIPTION*

	DESC.	COLOR-CODE	TOOTH#	TRQ.	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
MAXILLARY										
Centrals	–	Black	U1	+12°	+5°	0°	713-207-10	713-208-10	713-307-10	713-308-10
Laterals	–	Pink	U2	+8°	+9°	0°	713-223-10	713-224-10	713-323-10	713-324-10
Cuspids	–	Green	U3	-2°	+9°	4°M	713-251-10	713-252-10	713-351-10	713-352-10
	Hook	Green	U3	-2°	+9°	4°M	713-251HK-10	713-252HK-10	713-351HK-10	713-352HK-10
Bicuspids	–	Purple	U4&5's	-7°	0°	2°D	713-259-10	713-260-10	713-359-10	713-360-10
	Hook	Purple	U4&5's	-7°	0°	2°D	713-259HK-10	713-260HK-10	713-359HK-10	713-360HK-10
MANDIBULAR										
Anteriors	–	Yellow	L1&2's	-1°	0°	0°	713-235-10	713-235-10	713-335-10	713-335-10
Cuspids	–	Blue	L3	-11°	+5°	2°M	713-267-10	713-268-10	713-367-10	713-368-10
	Hook	Blue	L3	-11°	+5°	2°M	713-267HK-10	713-268HK-10	713-367HK-10	713-368HK-10
1st Bicuspids	–	White	L4	-17°	+2°	4°D	713-289-10	713-290-10	713-389-10	713-390-10
	Hook	White	L4	-17°	+2°	4°D	713-289HK-10	713-290HK-10	713-389HK-10	713-390HK-10
2nd Bicuspids	–	Red	L5	-22°	+2°	4°D	713-293-10	713-294-10	713-393-10	713-394-10
	Hook	Red	L5	-22°	+2°	4°D	713-293HK-10	713-294HK-10	713-393HK-10	713-394HK-10

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

SLX SELF-LIGATING BRACKETS (10 PER PACK)
MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

	DESC.	COLOR-CODE	TOOTH#	TRQ.	ANG.	ANTI-ROTATION	ITEM NUMBERS .022 R	.022 L
MAXILLARY								
Centrals	–	Black	U1	+17°	+4°	0°	713-309-10	713-310-10
Laterals	–	Pink	U2	+10°	+8°	0	713-327-10	713-328-10
Cuspids	–	Green	U3	-7°	+9°	0°	713-353-10	713-354-10
	Hook	Green	U3	-7°	+9°	0°	713-353HK-10	713-354HK-10
Bicuspids	–	Purple	U4&5's	-7°	0°	0°	713-357-10	713-358-10
	Hook	Purple	U4&5's	-7°	0°	0°	713-357HK-10	713-358HK-10
MANDIBULAR								
Anteriors	–	Yellow	L1&2's	-6°	0°	0°	713-337-10	713-337-10
Cuspids	–	Blue	L3	-6°	+4°	0°	713-371-10	713-372-10
	Hook	Blue	L3	-6°	+4°	0°	713-371HK-10	713-372HK-10
1st Bicuspids	–	Gray	L4	-12°	2°	0°	713-387-10	713-388-10
	Hook	Gray	L4	-12°	2°	0°	713-387HK-10	713-388HK-10
2nd Bicuspids	–	White	L5	-17°	2°	0°	713-391-10	713-392-10
	Hook	White	L5	-17°	2°	0°	713-391HK-10	713-392HK-10

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

SLX BRACKET SYSTEM

CARRIERE SLX BRACKET SYSTEM RECOMMENDED ARCHWIRES

	Cu Nitanium 27°C Archwires	Cu Nitanium 35°C Archwires	CNA Beta III Archwires	Bio-Kinetix Thermal Nitanium Archwires
	D-LX Shape Universal (Damon Shape) w/ EZ Stops	D-LX Shape Universal (Damon Shape) w/ EZ Stops	D-LX Shape Universal (Damon Shape)	D-LX Shape Universal (Damon Shape)
	Single Pack 10/pack	Single Pack 10/pack	Single Pack 10/pack	Single Pack 10/pack
.013	103-191C	—	—	—
.014	103-192C	—	—	—
.014 x .025	103-195C	—	—	—
.017 x .025	—	103-200C	—	—
.019 x .025	—	103-201C	103-120C	—
.021 x .027	—	—	—	103-123C

SLX Cu Nitanium Archwires with the Innovative *EZ Stops* System*

This new crimpable archwire stop delivery system provides smooth positioning. The unique holder allows clinicians to quickly position the tube stop in a precise location for crimping on the archwire. Threading a crimpable tube stop onto an archwire is quick and easy. No more lost stops!

- No more frustration with sticky sliding
- Easy-to-see
- Easy-to-grip
- Pre-threaded on each archwire
- Sterilizable by steam autoclave

Description/Size	Item Numbers
EZ Stops Small (.019"), Qty 20	430-101
EZ Stops Large (.030"), Qty 20	430-102

* Call for availability.

CARRIERE MOTION CLASS II APPLIANCE
Turn Class II Into Simple Class I Patients

A huge move in the right direction for orthodontics.

To limit extractions and to turn difficult Class II patients into simpler Class I patients is a dream come true for you and your patients. With its sleek, aesthetic, and non-invasive design, the *Motion* Class II Correction Appliance provides greater comfort and shortens treatment time by up to four months. Delivering a natural, gentle, and uniform force for distal molar movement with controlled rotation and tipping correction before brackets or other appliances are placed, the *Motion* Appliance solves complex problems almost effortlessly.

Molar Pad Ball
Articulates in the socket.

Stiff Arm
Runs posteriorly over the two upper premolars in a slight curve. Maintains exact space between pre-molars during distalization.

Hooks on Pad
For attachment of the *Carriere* Oral Elastics (¼ inch, 6 ounces and/or 3/16 inch, 8 ounces of heavy elastic).

Metal Injection Molded (MIM)
For strength and proven performance.

Sleek and Non-Invasive
Design delivers greater comfort.

Stainless Steel Material
Ensures malleability so that the appliance can be customized to every patient.

Fixed Cuspid Pad
Allows the distal movement of the cuspid along the alveolar ridge.

Loose but Controlled Forces
The ball and socket joint provides maximum freedom of movement, but also has built-in stops that allow the molars to move directly to their desired position while preventing any unwanted over rotation or tipping.

The Motion Philosophy

Fast.
Shortens overall treatment time by up to four months as it treats Class II correction at the beginning of the orthodontic treatment, when there are no competing forces in the mouth caused by brackets or other appliances. A Class II correction can usually be completed in an average of 3-4 months.

Natural.
Mimicking a human hip ball-socket joint, the *Motion* Appliance allows the first molar to rotate and upright in its natural and correct finishing position, producing a continuous, natural, and uniform force for distal molar movement with controlled rotation and tipping correction. Built-in stops engineered in the appliance prevent the molars from over-rotating and the crowns from distal tipping. The *Motion* Appliance's low forces are biologically compatible during the Class II treatment.

Gentle.
The low force of the *Motion* Appliance is gentle on your patients, and its low profile design is very comfortable to wear. By treating the Class II platform first, it simplifies the entire treatment for you, and provides greater comfort for your patients.

MOTION APPLIANCE

GOING FROM CLASS II TO CLASS I HAS NEVER BEEN EASIER.

The *Motion* is a direct bond appliance that attaches to the maxillary canine and first permanent molar, providing a simple procedure for turning complex Class II patients into a Class I platform. Once a Class I condition is achieved, malocclusions become easier to treat and can be finished with your preferred orthodontic technique. Since there are no competing forces in the mouth when using this appliance, average Class II correction can usually be achieved in just three to four months.

- Eliminates wire changes and the distorting collateral forces that appear with every wire activation used in traditional methods.
- Minimizes root resorption.
- Patients are treated faster with less discomfort.
- High level of patient compliance as the appliance is aesthetically pleasing, and used during the initial phase of treatment when patient's motivation is still high.

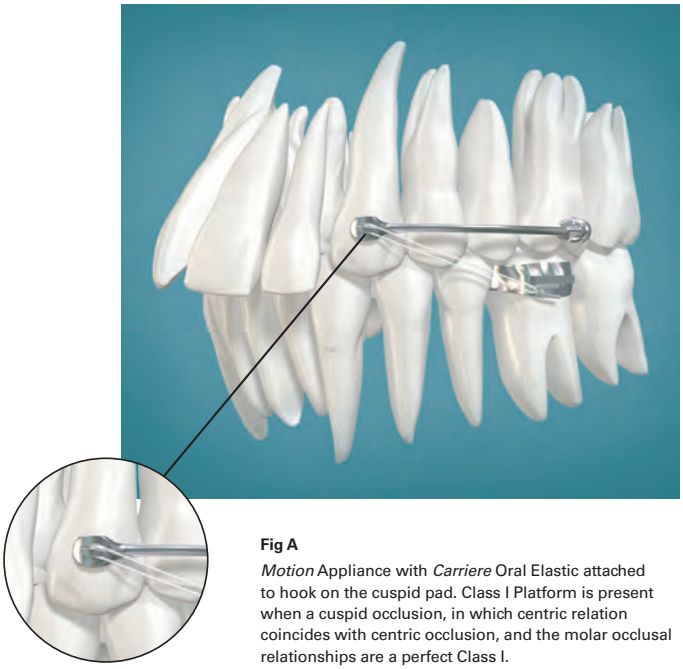


Fig A
Motion Appliance with *Carriere* Oral Elastic attached to hook on the cuspid pad. Class I Platform is present when a cuspid occlusion, in which centric relation coincides with centric occlusion, and the molar occlusal relationships are a perfect Class I.

How it Works.

- Corrects the posterior occlusion to an ideal Class I platform first by rotating and uprighting the maxillary first molars while distalizing the posterior segment, from canine or premolar to molars, into a perfect occlusion.
- Simultaneously produces a light, uniform force for distal molar movement.
- Independently moves each posterior segment, from canine or premolar to molar, as a unit.
- Used at the beginning of treatment when there are no competing forces in the mouth allows the distalization of the molars and premolars from 3 to 6 mm range, on average.

Indications.

- Most effective in treating Class II symmetrical and asymmetrical malocclusions without the need for extractions.
- May also be used in many Class I patients with mesially positioned maxillary molars.
- Growing patients are ideal, but adults may be treated as well.
- Mixed dentition Class II patients with fully erupted molars are candidates for Phase 1 treatment to establish a Class I platform.

EASE OF PLACEMENT.

The *Motion* Appliance is placed on the maxillary arch, but requires a solid and consistent source of anchorage in the mandibular arch to avoid protrusion of the lower incisors (a lower Essix Appliance with direct bonded tubes on lower molars, a passive lingual arch, a full mandibular fixed appliance, or mini-screws). Once the appliance is bonded, the *Carriere* Oral Elastics are attached from the mandibular molar to the hook of the maxillary cuspid of the *Motion* Appliance to activate.

The Movement Created by the Motion Appliance.
Bodily distalizes the maxillary posterior segments as a block while correcting upper first molar rotation and uprighting. The posterior portion of the *Motion* Appliance accomplishes three types of molar movement:

1. Uprighting of the crown, if it is mesially inclined *(Fig. 01)*. Once the molar has been uprighted, the articulation of the ball with the socket prevents distal tipping.

2. Distal rotation around the palatal root. When the maxillary first molar is mesially rotated around the palatal root, the molar occlusion may appear to be Class II, while in reality it is Class I with the canines in a cusp-to-cusp relationship *(Fig. 02)*. When the molar has been de-rotated, the shoulder of the posterior base contacts the mesial arm to prevent over-rotation.

3. Distal displacement without concurrent distal tipping of the crown.

Fig 01 – Provides controlled molar rotation and uprighting.

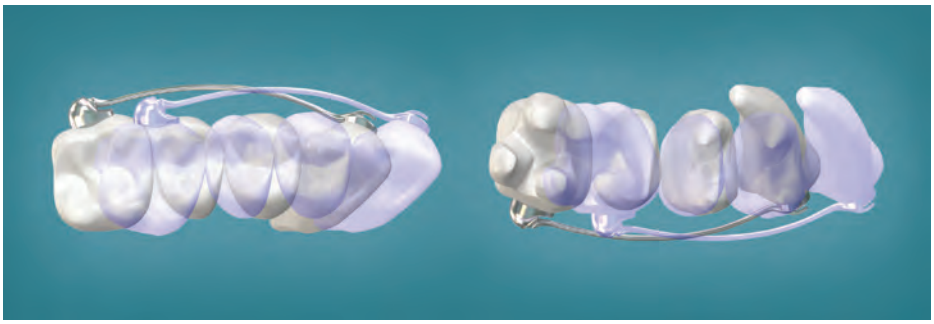


Fig 02 – The maxillary molars are distalized and rotated, providing a platform for maxillary canines to occlude in a Class I relationship.

Fig 03 – With mesially rotated molars, cuspids cannot occlude in Class I relationship.

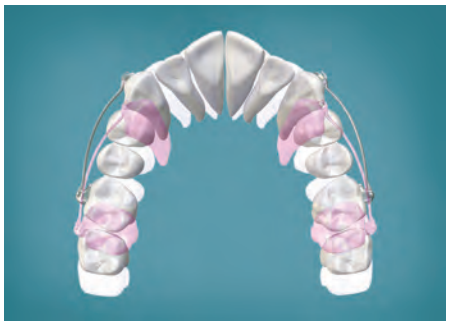


Fig 04 – Independently moves each posterior segment, from canine or premolar to molar, as a unit.

NOTES

METAL BRACKETS | B

Maestro® Mini-Twin® B-2
Bracket System

Andrews²™ B-14
Appliance

Elite® Opti-MIM® B-30
Mini-Twin Bracket System

Di-MIM® Mini-Twin B-38
Bracket System

Elite Mini-Twin. B-45
Bracket System

Elite Medium-Twin® B-52
Brackets

Elite Mini-Twin. B-56
Vertical Slot Brackets

Delta Force®. B-61
Bracket System

Tip-Edge® RX-1 . . . . . B-67
Brackets

Edgewise Brackets B-69

MAESTRO
Low-Profile Bracket System

Discover the precision, comfort, and control of the MIM-Manufactured Maestro Bracket

The *Maestro* Low-Profile Bracket System harmonizes the enduring precepts of classic orthodontic design with state-of-the-art engineering and production practices. The result is a complete orthodontic appliance system with corresponding buccal tubes—contemporary in form and function—that achieves the optimum in metal aesthetics and comfort that patients seek without sacrificing the precision and control that practitioners need. A finely tuned appliance design for predictable, efficient treatment, and discerning finishes.

Metal Injection Molding (MIM) is advanced technology for manufacturing complex metal products. Fine metal powders and wax binders are injected into intricate molds. After the wax binders are removed, the brackets are sintered to form a high-density orthodontic appliance with extremely close tolerances that accurately replicates the intricacies of the original mold. MIM translates into rounded contours, and complex structures that machined brackets cannot duplicate providing corrosion resistance, strength, and proven performance.

Quality Features Include:

Lowest Possible Profile reduces occlusal interferences

Smooth Rounded Surfaces ensure patient comfort

Contoured Archwire Slot Edges Mesial-Distal reduce friction

In/Outs Built-In, Not Machined for precision and consistency

Small Footprint is less bulky than conventional twin brackets, minimizing the look and feel

The Maestro Bracket offers multiple visual cues to enhance precise bracket placement

The geometries of the *Maestro* Bracket are specifically designed to provide signposts which assist you in positioning brackets in their ideal location.

Specific Bracket Geometries, such as in this lower lateral bracket, further guide the eye for placement accuracy

Rhomboid-Shaped Brackets and Pad align with tooth edges

Vertical Aspects Follow Long Axis of the Tooth

Constant Occlusal-Gingival Heights across the system foster placement repeatability

Horizontal Aspects Run Parallel to Occlusal Plane

Long Axis Scribe Line not only runs the entire length of the pad, but also the bracket for an accurate placement cue

MAESTRO LOW-PROFILE BRACKET SYSTEM

In-depth research on tooth morphology supports superior engineering for a finely tuned design and finishes

Anatomically contoured base and pad nestle each tooth for positioning that feels right

80-gauge micro-etched bondable mesh pad offers proven bond adhesion

Small profile is balanced with **deep tie-wing undercuts** that secure ligation

Torque-in-base provides level slot lineup, and helps avoid occlusal interferences

Optional **gingivally offset brackets, on large bonding bases** of bicuspids, minimize bond failures

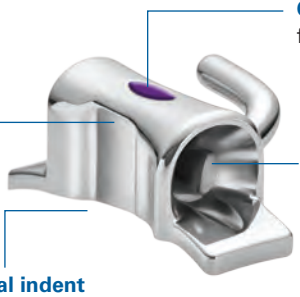
Optimized mesial-distal width offers superb rotational control

The *Maestro* Bracket is available in both the Roth prescription, and the McLaughlin, Bennett, and Trevisi prescriptions, in .018" and .022" lumen sizes. Ball hooks are optional on laterals, cuspids and bicuspid brackets; and each bracket is color-coded with an ID mark for easy identification.

Maestro: A complete 7x7 system

Maestro Buccal Tubes complete the appliance system. The 80-gauge mesh pad, compound contoured base, and defined buccal indent, provides you with the precise control needed throughout all phases of treatment. The large funneled entrance, side-grip areas, and color-coding make for easier identification, placement, positioning, plus wire insertion. The patient will have one of the most comfortable experiences with its smooth shape, low profile, rounded edges, and lowered hook. The *Maestro* Buccal Tube orchestrates all components of the system seamlessly, providing reduced chair time and increased satisfaction for both practitioner and patient.

Maestro Buccal Tubes—bondable and weldable—are engineered to provide a complete and seamless appliance system



MAESTRO LOW-PROFILE BRACKET SYSTEM

Maestro Brackets, NeoCrystal **Sapphire Ceramic Bracket System and *NeoLucent Plus* Bracket System are designed for interchangeability**

For aesthetic anterior and metal posterior bracketing

Maestro Bracket

NeoCrystal Bracket

NeoLucent Plus Bracket

MAESTRO MINI-TWIN BRACKETS

ALL SETS (5x5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	ITEM NUMBERS	
				.018	.022
Roth	Set with no hooks	1	20	711-297	711-397
	Set with no hooks, quick pac	1	20	711-297Q	711-397Q
	Set with no hooks	5	100	711-297-5	711-397-5
	Set with no hooks	10	200	711-297-10	711-397-10
	Set with no hooks & offset pads on lower 4's & 5's	1	20	711-297O	711-397O
	Set with no hooks & offset pads on lower 4's & 5's, quick pac	1	20	711-297OQ	711-397OQ
	Set with hooks on 3's	1	20	711-298	711-398
	Set with hooks on 3's, quick pac	1	20	711-298Q	711-398Q
	Set with hooks on 3's	5	100	711-298-5	711-398-5
	Set with hooks on 3's	10	200	711-298-10	711-398-10
	Set with hooks on 3's, 4's, 5's	1	20	711-299	711-399
	Set with hooks on 3's, 4's, 5's, quick pac	1	20	711-299Q	711-399Q
	Set with hooks on 3's, 4's, 5's	5	100	711-299-5	711-399-5
	Set with hooks on 3's, 4's, 5's	10	200	711-299-10	711-399-10
	Set with hooks on 3's, 4's, 5's & offset pads on lower 4's & 5's	1	20	711-299O	711-399O
	Set with hooks on 3's, 4's, 5's & offset pads on lower 4's & 5's, quick pac	1	20	711-299OQ	711-399OQ

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

MAESTRO MINI-TWIN BRACKETS

ALL SETS (5x5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	ITEM NUMBERS		0° TORQUE OPTION ON 3'S	
				.018	.022	.018	.022
McLaughlin, Bennett, and Trevisi	Set with no hooks	1	20	711-297MC	711-397MC	711-097MC	711-197MC
	Set with no hooks, quick pac	1	20	711-297MCQ	711-397MCQ	711-097MCQ	711-197MCQ
	Set with no hooks	5	100	711-297MC-5	711-397MC-5	711-097MC-5	711-197MC-5
	Set with no hooks	10	200	711-297MC-10	711-397MC-10	711-097MC-10	711-197MC-10
	Set with no hooks & offset pads on lower 4's & 5's	1	20	711-297MCO	711-397MCO	711-097MCO	711-197MCO
	Set with no hooks & offset pads on lower 4's & 5's, quick pac	1	20	711-297MCOQ	711-397MCOQ	711-097MCOQ	711-197MCOQ
	Set with hooks on 3's	1	20	711-298MC	711-398MC	711-098MC	711-198MC
	Set with hooks on 3's, quick pac	1	20	711-298MCQ	711-398MCQ	711-098MCQ	711-198MCQ
	Set with hooks on 3's	5	100	711-298MC-5	711-398MC-5	711-098MC-5	711-198MC-5
	Set with hooks on 3's	10	200	711-298MC-10	711-398MC-10	711-098MC-10	711-198MC-10
	Set with hooks on 3's, 4's, 5's	1	20	711-299MC	711-399MC	711-099MC	711-199MC
	Set with hooks on 3's, 4's, 5's, quick pac	1	20	711-299MCQ	711-399MCQ	711-099MCQ	711-199MCQ
	Set with hooks on 3's, 4's, 5's	5	100	711-299MC-5	711-399MC-5	711-099MC-5	711-199MC-5
	Set with hooks on 3's, 4's, 5's	10	200	711-299MC-10	711-399MC-10	711-099MC-10	711-199MC-10
	Set with hooks on 3's, 4's, 5's & offset pads on lower 4's & 5's	1	20	711-299MCO	711-399MCO	711-099MCO	711-199MCO
	Set with hooks on 3's, 4's, 5's & offset pads on lower 4's & 5's, quick pac	1	20	711-299MCOQ	711-399MCOQ	711-099MCOQ	711-199MCOQ

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MAESTRO LOW-PROFILE BRACKET SYSTEM

MAESTRO MINI-TWIN BRACKETS

ALL PRESCRIPTIONS*

MAXILLARY		OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals		—	Black	U1	+22°	+5°	0°	711-605	711-606	711-705	711-706
		—	Black	U1	+17°	+4°	0°	711-205	711-206	711-305	711-306
		—	Black	U1	+12°	+5°	0°	711-203	711-204	711-303	711-304
Laterals		—	Pink	U2	+14°	+8°	0°	711-623	711-624	711-723	711-724
		—	Pink	U2	+10°	+8°	0°	711-223	711-224	711-323	711-324
		—	Pink	U2	+8°	+9°	0°	711-221	711-222	711-321	711-322
		Hook	Pink	U2	+10°	+8°	0°	711-223HK	711-224HK	711-323HK	711-324HK
		Hook	Pink	U2	+8°	+9°	0°	711-221HK	711-222HK	711-321HK	711-322HK
Cuspids		—	Green	U3	0°	+8°	0°	711-055	711-056	711-155	711-156
		—	Green	U3	-2°	+13°	+4°M	711-251	711-252	711-351	711-352
		—	Green	U3	-7°	+8°	0°	711-255	711-256	711-355	711-356
		Hook	Green	U3	0°	+8°	0°	711-055HK	711-056HK	711-155HK	711-156HK
		Hook	Green	U3	-2°	+13°	+4°M	711-251HK	711-252HK	711-351HK	711-352HK
		Hook	Green	U3	-7°	+8°	0°	711-255HK	711-256HK	711-355HK	711-356HK
Bicuspids		—	Purple	U4&5's	-7°	0°	+2°D	711-259	711-260	711-359	711-360
		—	Purple	U4&5's	-7°	0°	0°	711-257	711-258	711-357	711-358
		Hook	Purple	U4&5's	-7°	0°	+2°D	711-259HK	711-260HK	711-359HK	711-360HK
		Hook	Purple	U4&5's	-7°	0°	0°	711-257HK	711-258HK	711-357HK	711-358HK
		Offset pad	Purple	U4&5's	-7°	0°	+2°D	711-479	711-480	711-579	711-580
		Offset pad	Purple	U4&5's	-7°	0°	0°	711-457	711-458	711-557	711-558
		Offset pad w/hook	Purple	U4&5's	-7°	0°	+2°D	711-479HK	711-480HK	711-579HK	711-580HK
		Offset pad w/hook	Purple	U4&5's	-7°	0°	0°	711-457HK	711-458HK	711-557HK	711-558HK

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MAESTRO LOW-PROFILE BRACKET SYSTEM

MAESTRO MINI-TWIN BRACKETS

ALL PRESCRIPTIONS*

MANDIBULAR	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors	—	Yellow	L1&2's	-1°	0°	0°	711-233	711-233	711-333	711-333
	—	Yellow	L1&2's	-6°	0°	0°	711-235	711-235	711-335	711-335
Cuspids	—	Blue	L3	0°	+3°	0°	711-071	711-072	711-171	711-172
	—	Blue	L3	-6°	+3°	0°	711-271	711-272	711-371	711-372
	—	Blue	L3	-11°	+7°	+2°M	711-269	711-270	711-369	711-370
	Hook	Blue	L3	0°	+3°	0°	711-071HK	711-072HK	711-171HK	711-172HK
	Hook	Blue	L3	-6°	+3°	0°	711-271HK	711-272HK	711-371HK	711-372HK
	Hook	Blue	L3	-11°	+7°	+2°M	711-269HK	711-270HK	711-369HK	711-370HK
1st Bicuspids	—	White	L4	-17°	0°	+4°D	711-289	711-290	711-389	711-390
	—	Gray	L4	-12°	+2°	0°	711-287	711-288	711-387	711-388
	Hook	White	L4	-17°	0°	+4°D	711-289HK	711-290HK	711-389HK	711-390HK
	Hook	Gray	L4	-12°	+2°	0°	711-287HK	711-288HK	711-387HK	711-388HK
	Offset pad	White	L4	-17°	0°	+4°D	711-279	711-280	711-379	711-380
	Offset pad	Gray	L4	-12°	+2°	0°	711-477	711-478	711-577	711-578
	Offset pad w/hook	White	L4	-17°	0°	+4°D	711-279HK	711-280HK	711-379HK	711-380HK
	Offset pad w/hook	Gray	L4	-12°	+2°	0°	711-477HK	711-478HK	711-577HK	711-578HK
2nd Bicuspids	—	Red	L5	-22°	0°	+4°D	711-293	711-294	711-393	711-394
	—	White	L5	-17°	+2°	0°	711-291	711-292	711-391	711-392
	Hook	Red	L5	-22°	0°	+4°D	711-293HK	711-294HK	711-393HK	711-394HK
	Hook	White	L5	-17°	+2°	0°	711-291HK	711-292HK	711-391HK	711-392HK
	Offset pad	Red	L5	-22°	0°	+4°D	711-473	711-474	711-573	711-574
	Offset pad	White	L5	-17°	+2°	0°	711-471	711-472	711-571	711-572
	Offset pad w/hook	Red	L5	-22°	0°	+4°D	711-473HK	711-474HK	711-573HK	711-574HK
	Offset pad w/hook	White	L5	-17°	+2°	0°	711-471HK	711-472HK	711-571HK	711-572HK

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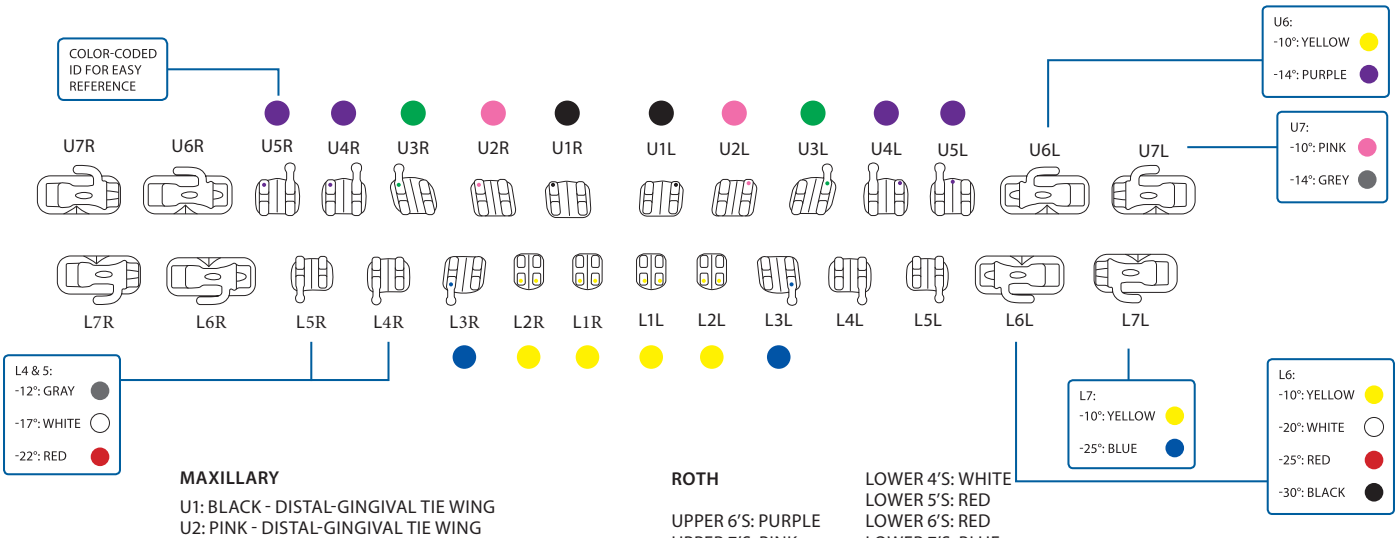
BRACKET IDENTIFICATION CHART



MAXILLARY

U1: BLACK - DISTAL-GINGIVAL TIE WING
U2: PINK - DISTAL-GINGIVAL TIE WING
U3: GREEN - DISTAL-GINGIVAL TIE WING
U4 & 5: PURPLE - DISTAL-GINGIVAL TIE WING
U6 & 7: SEE ABOVE – TOP INDENT

MANDIBULAR

L1 & 2: YELLOW - GINGIVAL TIE WINGS = UNIVERSAL
L3: BLUE - DISTAL-GINGIVAL TIE WING
L4 & 5: SEE ABOVE
L6 & 7: SEE ABOVE – TOP INDENT

ROTH

UPPER 6'S: PURPLE
UPPER 7'S: PINK
LOWER 4'S: WHITE
LOWER 5'S: RED
LOWER 6'S: RED
LOWER 7'S: BLUE

MCLAUGHLIN, BENNETT, AND TREVISI

UPPER 6'S: PURPLE
UPPER 7'S: GREY
LOWER 4'S: GRAY
LOWER 5'S: WHITE
LOWER 6'S: WHITE
LOWER 7'S: YELLOW

ANDREWS

UPPER 6'S: YELLOW
LOWER 6'S: BLACK

LOW TORQUE

LOWER 6'S: YELLOW

MAESTRO MINI-TWIN BRACKETS

ALL PRESCRIPTIONS*

MAXILLARY	CENTRALS			LATERALS			CUSPIDS			1ST BICUSPIDS			2ND BICUSPIDS		
	TRQ.	ANG.	ANTI-ROTATION	TRQ.	ANG.	ANTI-ROTATION	TRQ.	ANG.	ANTI-ROTATION	TRQ.	ANG.	ANTI-ROTATION	TRQ.	ANG.	ANTI-ROTATION
Roth	+12°	+5°	0°	+8°	+9°	0°	-2°	+13°	+4°M	-7°	0°	+2°D	-7°	0°	+2°D
McLaughlin, Bennett, and Trevisi	+17°	+4°	0°	+10°	+8°	0°	0° -7°	+8° +8°	0°	-7°	0°	0°	-7°	0°	0°
High Torque	+22°	+5°	0°	+14°	+8°	0°	—	—	—	—	—	—	—	—	—
MANDIBULAR															
Roth	-1°	0°	0°	-1°	0°	0°	-11°	+7°	+2°M	-17°	0°	+4°D	-22°	0°	+4°D
McLaughlin, Bennett, and Trevisi	-6°	0°	0°	-6°	0°	0°	0° -6°	+3° +3°	0°	-12°	2°	0°	-17°	2°	0°

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**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

MAESTRO LOW-PROFILE BRACKET SYSTEM

MAESTRO MINI-TWIN BRACKETS

ROTH PRESCRIPTION*

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	—	Black	U1	+12°	+5°	0°	711-203	711-204	711-303	711-304
Laterals	—	Pink	U2	+8°	+9°	0°	711-221	711-222	711-321	711-322
	Hook	Pink	U2	+8°	+9°	0°	711-221HK	711-222HK	711-321HK	711-322HK
Cuspids	—	Green	U3	-2°	+13°	+4°M	711-251	711-252	711-351	711-352
	Hook	Green	U3	-2°	+13°	+4°M	711-251HK	711-252HK	711-351HK	711-352HK
Bicuspids	—	Purple	U4&5's	-7°	0°	+2°D	711-259	711-260	711-359	711-360
	Hook	Purple	U4&5's	-7°	0°	+2°D	711-259HK	711-260HK	711-359HK	711-360HK
	Offset pad	Purple	U4&5's	-7°	0°	+2°D	711-479	711-480	711-579	711-580
	Offset pad w/hook	Purple	U4&5's	-7°	0°	+2°D	711-479HK	711-480HK	711-579HK	711-580HK

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MAESTRO LOW-PROFILE BRACKET SYSTEM

MAESTRO MINI-TWIN BRACKETS

ROTH PRESCRIPTION*

MANDIBULAR	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors	—	Yellow	L1&2's	-1°	0°	0°	711-233	711-233	711-333	711-333
Cuspids	—	Blue	L3	-11°	+7°	+2°M	711-269	711-270	711-369	711-370
	Hook	Blue	L3	-11°	+7°	+2°M	711-269HK	711-270HK	711-369HK	711-370HK
1st Bicuspids	—	White	L4	-17°	0°	+4°D	711-289	711-290	711-389	711-390
Hook	White	L4	-17°	0°	+4°D	711-289HK	711-290HK	711-389HK	711-390HK
	Offset pad	White	L4	-17°	0°	+4°D	711-279	711-280	711-379	711-380
Offset pad w/hook	White	L4	-17°	0°	+4°D	711-279HK	711-280HK	711-379HK	711-380HK
2nd Bicuspids	—	Red	L5	-22°	0°	+4°D	711-293	711-294	711-393	711-394
Hook	Red	L5	-22°	0°	+4°D	711-293HK	711-294HK	711-393HK	711-394HK
	Offset pad	Red	L5	-22°	0°	+4°D	711-473	711-474	711-573	711-574
Offset pad w/hook	Red	L5	-22°	0°	+4°D	711-473HK	711-474HK	711-573HK	711-574HK

Bracket images are not representative of actual size, or ratio to other brackets.

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MAESTRO LOW-PROFILE BRACKET SYSTEM

MAESTRO MINI-TWIN BRACKETS

MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
	—	Black	U1	+17°	+4°	0°	711-205	711-206	711-305	711-306
Laterals	—	Pink	U2	+10°	+8°	0°	711-223	711-224	711-323	711-324
	Hook	Pink	U2	+10°	+8°	0°	711-223HK	711-224HK	711-323HK	711-324HK
Cuspids	—	Green	U3	0°	+8°	0°	711-055	711-056	711-155	711-156
	—	Green	U3	-7°	+8°	0°	711-255	711-256	711-355	711-356
	Hook	Green	U3	0°	+8°	0°	711-055HK	711-056HK	711-155HK	711-156HK
	Hook	Green	U3	-7°	+8°	0°	711-255HK	711-256HK	711-355HK	711-356HK
Bicuspids	—	Purple	U4&5's	-7°	0°	0°	711-257	711-258	711-357	711-358
	Hook	Purple	U4&5's	-7°	0°	0°	711-257HK	711-258HK	711-357HK	711-358HK
	Offset pad	Purple	U4&5's	-7°	0°	0°	711-457	711-458	711-557	711-558
	Offset pad w/hook	Purple	U4&5's	-7°	0°	0°	711-457HK	711-458HK	711-557HK	711-558HK

Bracket images are not representative of actual size, or ratio to other brackets.

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

MAESTRO LOW-PROFILE BRACKET SYSTEM

MAESTRO MINI-TWIN BRACKETS

MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

MANDIBULAR	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors	—	Yellow	L1&2's	-6°	0°	0°	711-235	711-235	711-335	711-335
Cuspids	—	Blue	L3	0°	+3°	0°	711-071	711-072	711-171	711-172
	—	Blue	L3	-6°	+3°	0°	711-271	711-272	711-371	711-372
	Hook	Blue	L3	0°	+3°	0°	711-071HK	711-072HK	711-171HK	711-172HK
	Hook	Blue	L3	-6°	+3°	0°	711-271HK	711-272HK	711-371HK	711-372HK
1st Bicuspids	—	Gray	L4	-12°	+2°	0°	711-287	711-288	711-387	711-388
	Hook	Gray	L4	-12°	+2°	0°	711-287HK	711-288HK	711-387HK	711-388HK
	Offset pad	Gray	L4	-12°	+2°	0°	711-477	711-478	711-577	711-578
	Offset pad w/hook	Gray	L4	-12°	+2°	0°	711-477HK	711-478HK	711-577HK	711-578HK
2nd Bicuspids	—	White	L5	-17°	+2°	0°	711-291	711-292	711-391	711-392
	Hook	White	L5	-17°	+2°	0°	711-291HK	711-292HK	711-391HK	711-392HK
	Offset pad	White	L5	-17°	+2°	0°	711-471	711-472	711-571	711-572
	Offset pad w/hook	White	L5	-17°	+2°	0°	711-471HK	711-472HK	711-571HK	711-572HK

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MAESTRO LOW-PROFILE BRACKET SYSTEM

MAESTRO MINI-TWIN BRACKETS

HIGH TORQUE PRESCRIPTIONS*

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	—	Black	U1	+22°	+5°	0°	711-605	711-606	711-705	711-706
Laterals	—	Pink	U2	+14°	+8°	0°	711-623	711-624	711-723	711-724

MAESTRO MINI-TWIN BRACKETS

PATIENT SUPPLIES

MAESTRO 15X BRACKET	ITEM NUMBER
Demo Model - *Maestro* 15X Bracket	631-711X

MAESTRO TYPODONT	ITEM NUMBER
Typodont – *Maestro* (6x6) Brackets	631-711

OPTIONS FOR METAL/AESTHETIC BRACKET KITS

To help simplify your ordering process, we have developed 5x5 kits that are composed of both aesthetic and metal brackets. You will receive aesthetic brackets, based on your choice of either *NeoCrystal* or *NeoLucent Plus* Ceramic Brackets, for the 3x3 section, and *Maestro* Brackets for the bicuspids.

All kits U/L 5x5 (3x3 aesthetic brackets with metal brackets on 4's and 5's. Hooks on 3's, 4's, and 5's)*

RX	NEOCRYSTAL/MAESTRO KITS .018	.022	NEOLUCENT PLUS/MAESTRO KITS .018	.022
Roth	714-296-NM	714-396-NM	704-296-NM	704-396-NM
McLaughlin, Bennett, & Trevisi	714-296MC-NM	714-396MC-NM	704-296MC-NM	704-396MC-NM
McLaughlin, Bennett, & Trevisi (0 torque on 3's)	714-096MC-NM	714-196MC-NM	—	—

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ANDREWS 2 APPLIANCE SYSTEM "THE NEW GENERATION" STRAIGHT-WIRE APPLIANCE

Scientific • Effective • Efficient

The *Andrews 2* Appliance is comprised of both standard and translation brackets. Teeth that do not require translation are assigned standard brackets. Teeth that need to be translated mesially or distally are assigned translation brackets – minimum (T1), medium (T2), or maximum (T3) depending on the distance the teeth need to be translated.

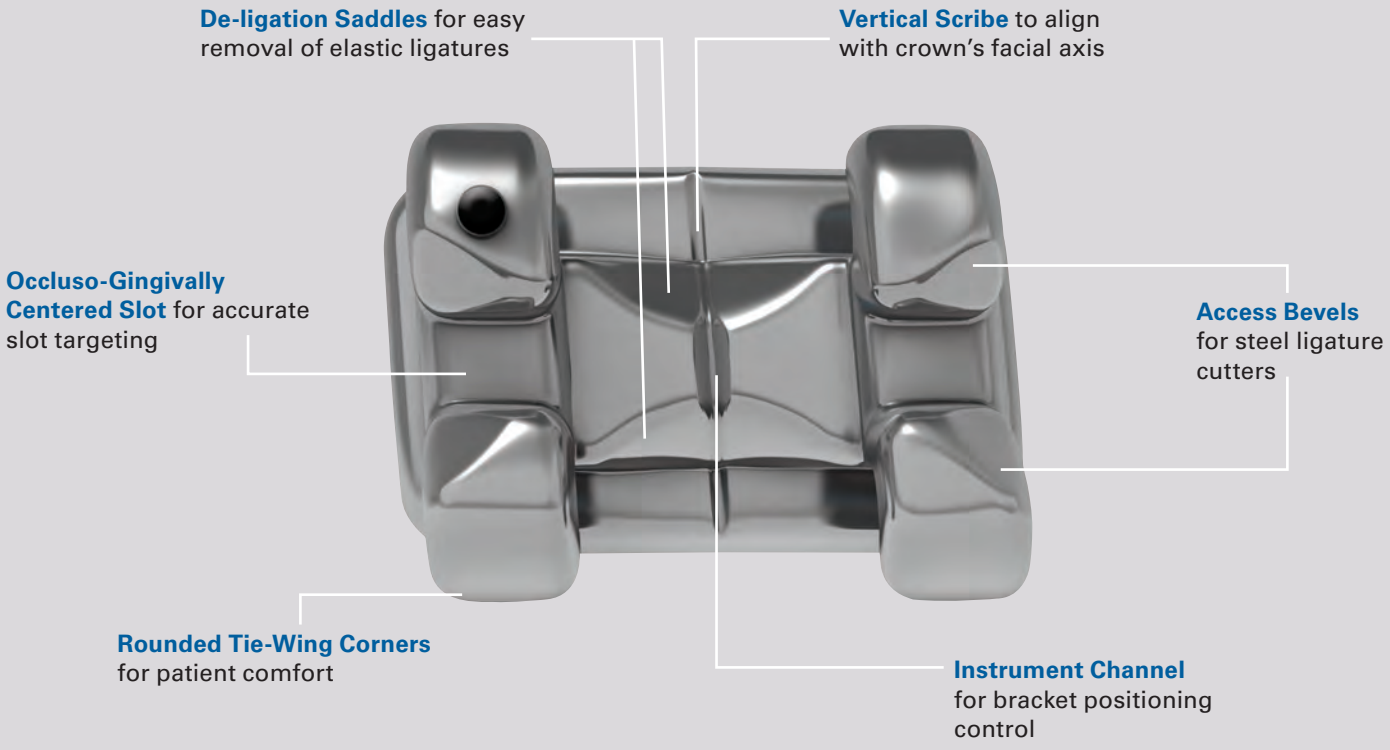
Andrews 2 Brackets can be prescribed individually or by pre-arranged set. There are 11 sets for the maxillary arch and 10 for the mandibular arch. Arch correction efficiency is maximized when the most appropriate brackets are prescribed, properly sited, and the most suitable archwires and forces are applied. When used as such it becomes a ***fully-programmed*** appliance.

Properly prescribed and sited *Andrews 2* Brackets will assist you in getting where you want to go as fast as is biologically possible, with the least amount of effort.

Orthodontic Science Realized

The *Andrews*^{2} Appliance has tooth guidance built into the brackets rather than into archwires. It is based on recognition of the extensive similarities in tooth morphology between individuals with normal teeth, and in the tooth positions of individuals with naturally optimal dentitions. The *Andrews*^{2} Appliance exploits these similarities by utilizing special design features that minimize wire bending while enhancing ease-of-use.

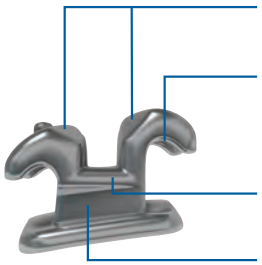
Building upon the original Straight-Wire Appliance, the Andrews Foundation has developed an improved appliance system which is a result of 20 years of research and development. We are the proud, exclusive manufacturer and distributor of the *Andrews*^{2} Appliance. The Company has worked closely with Drs. Larry and Will Andrews to develop the Andrews products to the exact, high-quality specifications every patient deserves.



ANDREWS^2 APPLIANCE

Quality and Precision

The *Andrews*^{2} Appliance is manufactured at our headquarters in Carlsbad, CA ensuring exact precision. Experts conduct quality assurance inspections, and the latest technologies are used throughout the manufacturing process. The appliance is made through the Metal Injection Molding (MIM) process, which is an advanced technology used for the manufacturing of complex metal products. MIM translates into rounded contours, and other complex structures that machined and cast brackets may not be able to duplicate.

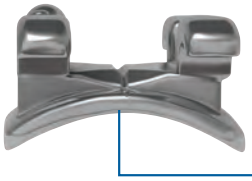


Access Bevels for steel ligature cutters

Generous Tie-Wing Undercuts for ease of ligation and space for multiple auxiliaries

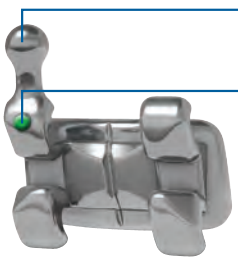
Contoured Slot Edges Mesial-Distal

Stem 90° to Slot to align auxiliary rotation devices with archwire



Compound-Contoured Base and Pad
Horizontal and verticle base contours match the curvature characteristics of each tooth type for an optimal fit

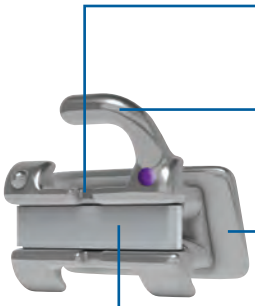
80-Gauge Micro-Etched Bondable Mesh Pad offers proven bond adhesion



Rounded Post for patient comfort (optional)

Color ID Dot for ease of bracket identification

Wider Pad on Lower 5's offers greater bond strength and a weld option



Instrument Groove for precise molar placement

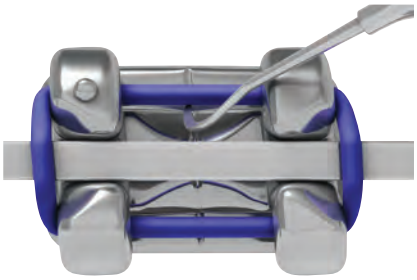
Smooth Hook for patient comfort

Pad width allows the molar to be bonded or welded

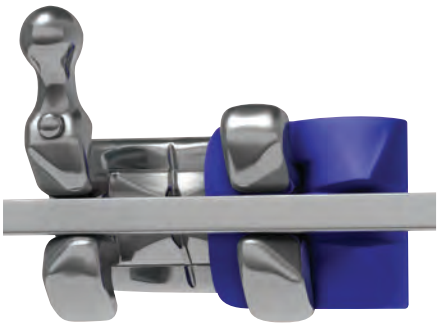
Convertible Cap for ease of 2nd molar access

Andrews^2 Brackets Offer Unique Convenience Features

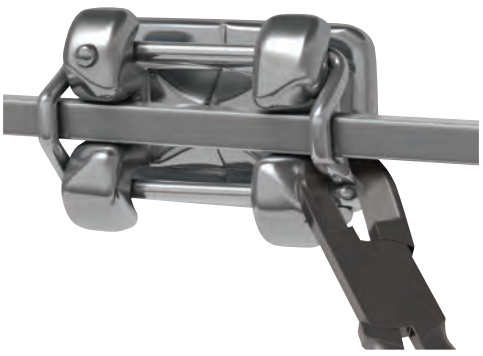
The instrument channel is wider at the center of the bracket to allow a carver instrument to finely adjust and control bracket positioning.



The de-ligation saddles allow for easy removal of elastic ligatures. The design is a “scoop” out of the bracket stem above and below the archwire slot which allows access for an explorer type instrument.



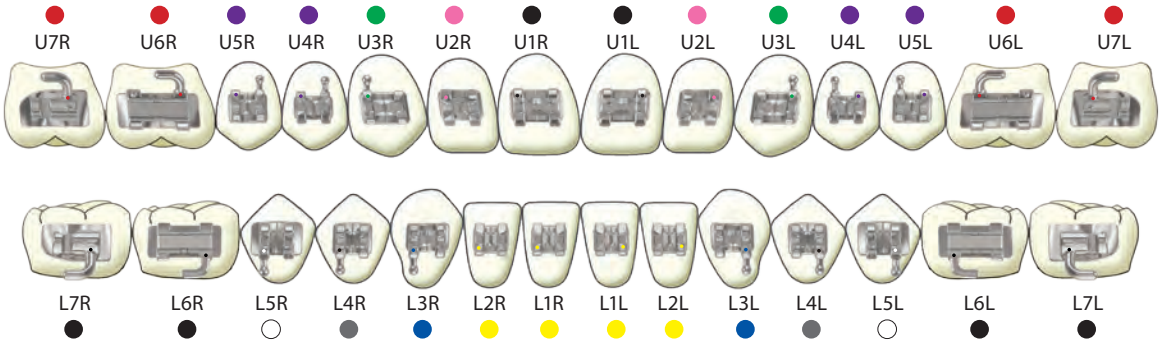
The stem of the bracket body is positioned 90° to the archwire slot which allows for a more aligned rotational force of an auxiliary wedge against the archwire.



Access bevels on each of the four tie-wings allow ease of removal of metal ligatures from any angle.

ANDREWS^2 APPLIANCE

Andrews^2 Bracket Identification Chart Standard Brackets



ANDREWS^2 APPLIANCE

STANDARD PRESCRIPTION

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	INCLINATION	ANGULATION	COUNTER ROTATION	ITEM NUMBERS .022 L	ITEM NUMBERS .022 R	NOTE
Central	—	Black	U1	+7°	+4°	0	712-800	712-801	Standard
Lateral	—	Pink	U2	+4°	+8°	0	712-802	712-803	Standard
Cuspid	—	Green	U3	-7°	+8°	0	712-804	712-805	Standard
Cuspid Hk	Hook	Green	u3	-7°	+8°	0	712-804HK	712-805HK	Standard
1st Bicuspid	—	Purple	U4	-7°	+2°	0	712-806	712-807	Standard
1st Bicuspid Hk	Hook	Purple	U4	-7°	+2°	0	712-806HK	712-807HK	Standard
2nd Bicuspid	—	Purple	U5	-7°	+2°	0	712-808	712-809	Standard
2nd Bicuspid Hk	Hook	Purple	U5	-7°	+2°	0	712-808HK	712-809HK	Standard

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ANDREWS2 APPLIANCE

STANDARD PRESCRIPTION

MANDIBULAR	OPTION	COLOR-CODE	TOOTH #	INCLINATION	ANGULATION	COUNTER ROTATION	ITEM NUMBERS .022 L	.022 R	NOTE
Anterior 1/2	—	Yellow	L1&2	-6°	+1.5°	0	712-810	712-811	Standard
Cuspid	—	Blue	L3	-11°	+3°	0	712-812	712-813	Standard
Cuspid Hk	Hook	Blue	L3	-11°	+3°	0	712-812HK	712-813HK	Standard
1st Bicuspid	—	Gray	L4	-17°	+2°	0	712-814	712-815	Standard
1st Bicuspid Hk	Hook	Gray	L4	-17°	+2°	0	712-814HK	712-815HK	Standard
2nd Bicuspid	—	White	L5	-22°	+2°	0	712-816	712-817	Standard
2nd Bicuspid Hk	Hook	White	L5	-22°	+2°	0	712-816HK	712-817HK	Standard

ANDREWS2 APPLIANCE

BUCCAL TUBES STANDARD PRESCRIPTION

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	INCLINATION	ANGULATION	OFFSET	COUNTER ROTATION	ITEM NUMBERS .022 L	.022 R	NOTE
1st Molar	Hook	Red	U6	-10°	+5°	10°	0°	712-850	712-851	Standard
2nd Molar	Hook	Red	U7	-10°	+5°	10°	0°	712-852	712-853	Standard

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ANDREWS 2 APPLIANCE

ANDREWS2 APPLIANCE

BUCCAL TUBES STANDARD PRESCRIPTION

MANDIBULAR	OPTION	COLOR-CODE	TOOTH #	INCLINATION	ANGULATION	COUNTER ROTATION	ITEM NUMBERS .022 L	ITEM NUMBERS .022 R	NOTE
1st Molar	Hook	Black	L6	-30°	+2°	0°	712-854	712-855	Standard
2nd Molar	Hook	Black	L7	-35°	+2°	0°	712-856	712-857	Standard

ANDREWS2 APPLIANCE

SINGLE PATIENT KITS/INTRODUCTORY KIT

SINGLE PATIENT KITS/INTRODUCTORY KIT WITH MOLARS	ITEM NUMBERS 0.022 CAROUSEL
U/L 7x7 Rx #5 Standard (Hks on 3's, 4's, 5's)	712-915
U/L 7x7 Rx #5 Standard (HKs on 3's)	712-915HK
	Q-PACKS
U/L 7x7 Rx #5 Standard (Hks 3's, 4's, 5's)	712-915Q
U/L 7x7 Rx #5 Standard (Hks 3's)	712-915HKQ
	***ANDREWS²* BRACKET KIT**
Andrews² Bracket Organizer Kit (empty)	712-000
	ANDREWS BOOKS
"Straight Wire, The Concept, and Appliance"	712-BOOK1
	***ANDREWS²* TYYPODONT**
Andrews² Typodont "Standard"	631-712S
Andrews² Typodont "Translation"	631-712T
	***ANDREWS²* 15X MODEL**
Andrews² 15X Bracket Model	631-712X

SINGLE PATIENT KITS/INTRODUCTORY KIT WITHOUT MOLARS	ITEM NUMBERS 0.022 CAROUSEL
U/L 5x5 Rx #5 Standard (Hks on 3's, 4's, 5's)	712-905
U/L 5x5 Rx #5 Standard (HKs on 3's)	712-905HK
	Q-PACKS
U/L 5x5 Rx #5 Standard (Hks 3's, 4's, 5's)	712-905Q
U/L 5x5 Rx #5 Standard (Hks 3's)	712-905HKQ

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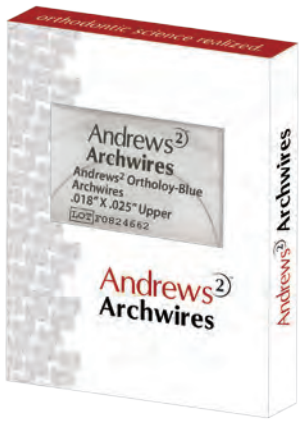
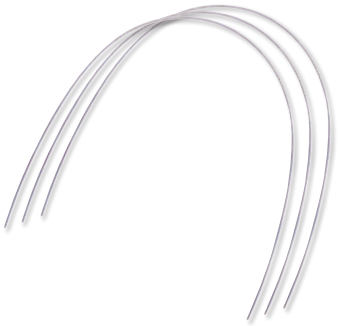
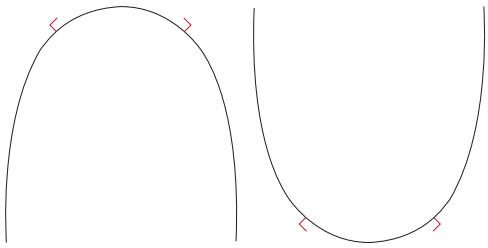
ANDREWS2 ARCHWIRES







Optimal arches are essential for optimal occlusion. Andrews2 Archwires have the features needed to treat arches to optimal standards efficiently.

- .014, .016 Nitanium® Super Elastic Wires have flexibility for initial aligning and rotations
- .014, .016 stainless steel wires have a balance of flexibility and rigidity for initial aligning and leveling
- .016, .018 stainless steel wires have a balance of flexibility and rigidity for leveling, correcting arch shape, and for mesiodistal translation
- .018 x .025 Ortholoy-Blue (heat treatable) stainless steel wires are for inclining and fine tuning

Flexibility:
Arches can be effectively and efficiently treated to optimal standards by using the most appropriate Andrews2 Appliance prescription in combination with the most suitable Andrews2 Archwires in terms of flexibility.

Shape:
The Andrews2 Archwires are preformed to match the average shape of the 120 non-orthodontic normal study casts used in the "Six Keys to Normal (Optimal) Occlusion" study. Like any preformed archwire, its shape must be customized to each patient's unique anatomy.

Length:
The overall length can usually be customized with one cut.

Pre-Posted Archwire Option:
For each arch, the small, medium, and large distances between the posts means one of the 3 will fit 90% of the normal patient population.

ANDREWS^2 APPLIANCE

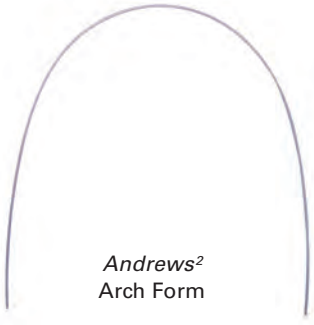
ANDREWS^2 APPLIANCE
ARCHWIRES

ARCHWIRE	NITANIUM SUPER ELASTIC ARCHWIRE	STAINLESS STEEL ARCHWIRE	ORTHOLOY-BLUE ARCHWIRE
ARCH FORM	ANDREWS^2 ARCH FORM	ANDREWS^2 ARCH FORM	ANDREWS^2 ARCH FORM
PACKAGED	SINGLE PACK 10/PACK	SINGLE PACK 10/PACK	SINGLE PACK 10/PACK
.014 Upper	112-140	112-100	— — —
.014 Lower	112-141	112-101	— — —
.016 Upper	112-142	112-102	— — —
.016 Lower	112-143	112-103	— — —
.018 Upper	112-144	112-104	— — —
.018 Lower	112-145	112-105	— — —
.017 x .025 Upper	112-146	— — —	— — —
.017 x .025 Lower	112-147	— — —	— — —
.018 x .025 Upper	— — —	— — —	112-172
.018 x .025 Lower	— — —	— — —	112-173

ARCHWIRE	STAINLESS STEEL PRE-POSTED ARCHWIRE
ARCH FORM	ANDREWS^2 ARCH FORM
PACKAGED	SINGLE PACK 10/PACK
.016 Pre-Posted Upper	
33 mm posted	112-106
37 mm posted	112-116
41 mm posted	112-126
.016 Pre-Posted Lower	
24 mm posted	112-107
28 mm posted	112-117
32 mm posted	112-127
.018 Pre-Posted Upper	
33 mm posted	112-108
37 mm posted	112-118
41 mm posted	112-128
.018 Pre-Posted Lower	
24 mm posted	112-109
28 mm posted	112-119
32 mm posted	112-129

ARCHWIRE	ORTHOLOY-BLUE PRE-POSTED ARCHWIRE
ARCH FORM	ANDREWS^2 ARCH FORM
PACKAGED	SINGLE PACK 10/PACK
.018 x .025 Pre-Posted Upper	
33 mm posted	112-174
37 mm posted	112-178
41 mm posted	112-182
.018 x .025 Pre-Posted Lower	
24 mm posted	112-175
28 mm posted	112-179
32 mm posted	112-183

Andrews^2 Archwires are great for use with the *Andrews^2* Appliance.



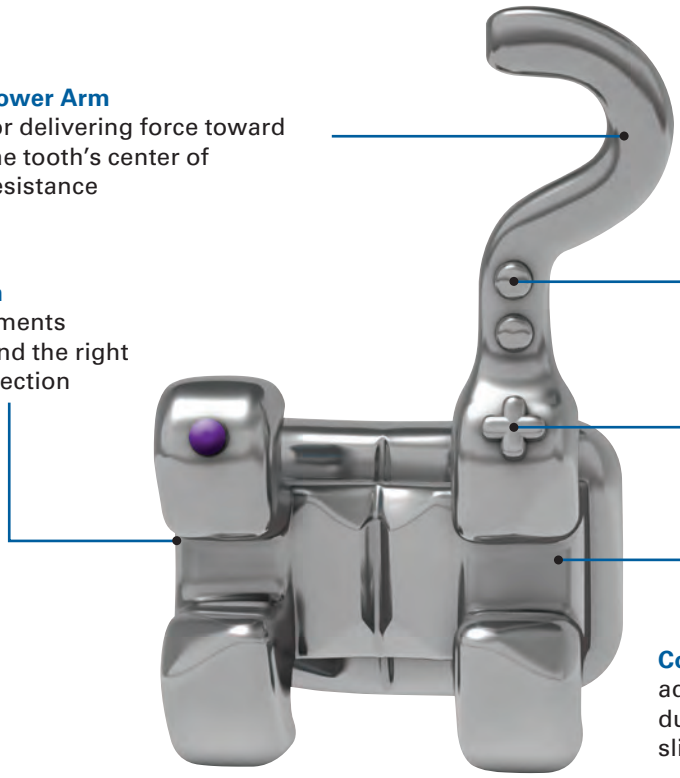
Andrews^2 Arch Form

Translation Brackets

When teeth require mesial or distal bodily movement, translation brackets have significant advantages over standard brackets.

Translation brackets include all of the qualities and features of standard brackets, plus a power arm and built-in counter-angulation and counter-rotation. Collectively, the width of the brackets, length of the power arms, and the counter-angulation direct forces close to or at the tooth's center-of-resistance. This allows for effective bodily movement and the right amount of over correction (angulation and rotation) when using flexible archwires and sliding mechanics.

Translation 1st Molar



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ANDREWS 2 APPLIANCE

ANDREWS2 APPLIANCE

TRANSLATION PRESCRIPTION

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	INCLINATION	ANGULATION	COUNTER ROTATION	ITEM NUMBERS .022 L	ITEM NUMBERS .022 R	NOTE
Cuspid	Power Arm	Green	U3	-7°	+10°	2M°	712-804T2	712-805T2	T2
Cuspid	Power Arm	Green	U3	-7°	+11°	3M°	712-804T3	712-805T3	T3
1st Bicuspid	Power Arm	Purple	U4	-7°	+4°	2M°	712-806T2	712-807T2	T2
2nd Bicuspid	Power Arm	Purple	U5	-7°	+1°	1D°	712-808T1	712-809T1	T1
2nd Bicuspid	Power Arm	Purple	U5	-7°	0°	2D°	712-808T2	712-809T2	T2
2nd Bicuspid	Power Arm	Purple	U5	-7°	-1°	3D°	712-808T3	712-809T3	T3

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ANDREWS2 APPLIANCE

TRANSLATION PRESCRIPTION

MANDIBULAR	OPTION	COLOR-CODE	TOOTH #	INCLINATION	ANGULATION	COUNTER ROTATION	ITEM NUMBERS .022 L	ITEM NUMBERS .022 R	NOTE
Cuspid	Power Arm	Blue	L3	-11°	+5°	2M°	712-812T2	712-813T2	T2
Cuspid	Power Arm	Blue	L3	-11°	+6°	3M°	712-812T3	712-813T3	T3
1st Bicuspid	Power Arm	Gray	L4	-17°	+4°	2M°	712-814T2	712-815T2	T2
2nd Bicuspid	Power Arm	White	L5	-22°	+1°	1D°	712-816T1	712-817T1	T1
2nd Bicuspid	Power Arm	White	L5	-22°	0°	2D°	712-816T2	712-817T2	T2
2nd Bicuspid	Power Arm	White	L5	-22°	-1°	3D°	712-816T3	712-817T3	T3

Bracket images are not representative of actual size, or ratio to other brackets.

ANDREWS 2 APPLIANCE

ANDREWS2 APPLIANCE

BUCCAL TUBES TRANSLATION PRESCRIPTION

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	INCLINATION	ANGULATION	OFFSET	COUNTER ROTATION	ITEM NUMBERS .022 L	ITEM NUMBERS .022 R	NOTE
1st Molar	Power Arm	Green	U6	-13°	+4°	10°	1D°	712-850T1	712-851T1	T1
1st Molar	Power Arm	Gray	U6	-14°	+3°	10°	2D°	712-850T2	712-851T2	T2
1st Molar	Power Arm	White	U6	-15°	+2°	10°	3D°	712-850T3	712-851T3	T3
1st Molar	Power Arm	Purple	U6	-10°	0°	0°	0°	712-850T4	712-851T4	T4
2nd Molar	Power Arm	Green	U7	-13°	+4°	10°	1D°	712-852T1	712-853T1	T1
2nd Molar	Power Arm	Gray	U7	-14°	+3°	10°	2D°	712-852T2	712-853T2	T2
2nd Molar	Power Arm	White	U7	-15°	+2°	10°	3D°	712-852T3	712-853T3	T3
2nd Molar	Power Arm	Purple	U7	-10°	0°	0°	0°	712-852T4	712-853T4	T4

Bracket images are not representative of actual size, or ratio to other brackets.

ANDREWS2 APPLIANCE

BUCCAL TUBES TRANSLATION PRESCRIPTION

MANDIBULAR	OPTION	COLOR-CODE	TOOTH #	INCLINATION	ANGULATION	COUNTER ROTATION	ITEM NUMBERS .022 L	ITEM NUMBERS .022 R	NOTE
1st Molar	Power Arm	Pink	L3	-30°	+1°	1D°	712-854T1	712-855T1	T1
1st Molar	Power Arm	Blue	L3	-30°	0°	2D°	712-854T2	712-855T2	T2
1st Molar	Power Arm	Yellow	L4	-30°	-1°	3D°	712-854T3	712-855T3	T3
2nd Molar	Power Arm	Pink	L5	-35°	+1°	1D°	712-856T1	712-857T1	T1
2nd Molar	Power Arm	Blue	L5	-35°	0°	2D°	712-856T2	712-857T2	T2
2nd Molar	Power Arm	Yellow	L5	-35°	-1°	3D°	712-856T3	712-857T3	T3

Bracket images are not representative of actual size, or ratio to other brackets.

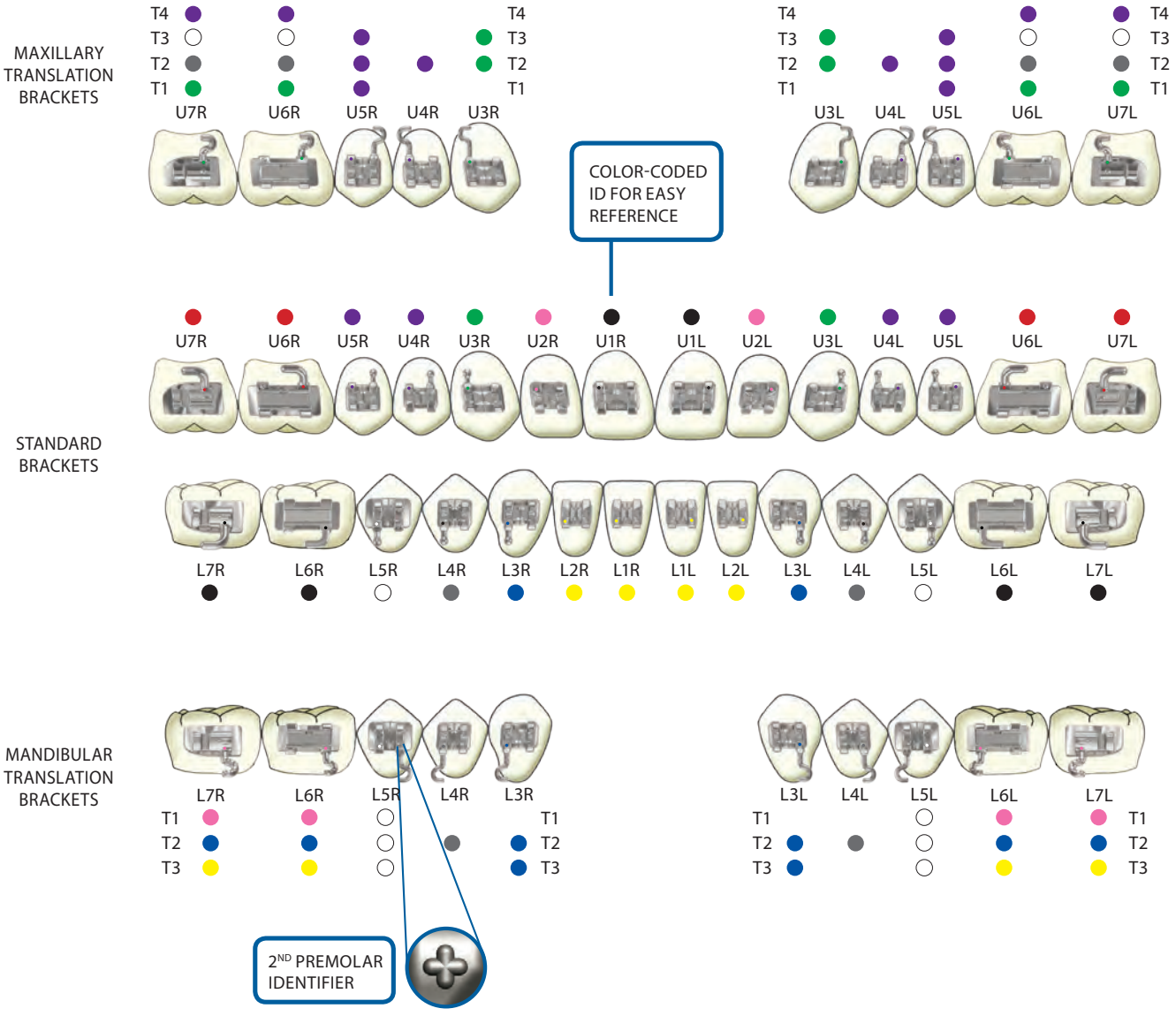
ANDREWS 2 APPLIANCE

ANDREWS2 APPLIANCE TRANSLATION PRESCRIPTION

SINGLE PATIENT KITS/INTRODUCTORY KIT

SINGLE PATIENT KITS/INTRODUCTORY KIT WITH MOLARS	ITEM NUMBERS 0.022 CAROUSEL	SINGLE PATIENT KITS/INTRODUCTORY KIT WITHOUT MOLARS	ITEM NUMBERS 0.022 CAROUSEL
U/L 7x7 Rx #1 Spaced 9-14 mm	712-922	U/L 5x5 Rx #1 Spaced 9-14 mm	712-901
U/L 7x7 Rx #2 Spaced 5-8 mm	712-912	U/L 5x5 Rx #2 Spaced 5-8 mm	712-902
U/L 7x7 Rx #3 Spaced 1-4 mm	712-913	U/L 5x5 Rx #3 Spaced 1-4 mm	712-903
U/L 6x6 Rx #4 Extraction-4 Classic	712-914	U/L 4x4 Rx #4 Extraction-4 Classic	712-904
U/L 7x7 Rx #5 Standard (Hks on 3's, 4's, 5's)	712-915	U/L 5x5 Rx #5 Standard (Hks on 3's, 4's, 5's)	712-905
U/L 7x7 Rx #5 Standard (HKs on 3's)	712-915HK	U/L 5x5 Rx #5 Standard (HKs on 3's)	712-905HK
U/L 6x6 Rx #6 Extraction-5 6 mm 2nd Pre-Molars	712-916	U/L 4x4 Rx #6 Extraction-5 6 mm 2nd Pre-Molars	712-906
U/L 6x6 Rx #7 Extraction 7-8 mm	712-917	U/L 4x4 Rx #7 Extraction 7-8 mm	712-907
U/L 6x6 Rx #8 Extraction 9-10 mm	712-918	U/L 4x4 Rx #8 Extraction 9-10 mm	712-908
U/L 6x6 Rx #9 Extraction 11-13 mm	712-919	U/L 4x4 Rx #9 Extraction 11-13 mm	712-909
U/L 6x6 Rx #10 Extraction 14 mm	712-920	U/L 4x4 Rx #10 Extraction 14 mm	712-910
U/L 6x7 Rx #11 Extraction 14 mm Extraction U4	712-921	U/L 4x4 Rx #11 Extraction 14 mm Extraction U4	712-911
U/L 7x7 T2 Kit (T2's on 3's, 4's, 5's, 6's, 7's)	712-91T2	U/L 5x5 T2 Kit (T2's on 3's, 4's, 5's)	712-90T2
	Q-PACKS		Q-PACKS
U/L 7x7 Rx #1 Spaced 9-14 mm	712-922Q	U/L 5x5 Rx #1 Spaced 9-14 mm	712-901Q
U/L 7x7 Rx #2 Spaced 5-8 mm	712-912Q	U/L 5x5 Rx #2 Spaced 5-8 mm	712-902Q
U/L 7x7 Rx #3 Spaced 1-4 mm	712-913Q	U/L 5x5 Rx #3 Spaced 1-4 mm	712-903Q
U/L 6x6 Rx #4 Extraction-4 Classic	712-914Q	U/L 4x4 Rx #4 Extraction-4 Classic	712-904Q
U/L 7x7 Rx #5 Standard (Hks 3's, 4's, 5's)	712-915Q	U/L 5x5 Rx #5 Standard (Hks 3's, 4's, 5's)	712-905Q
U/L 7x7 Rx #5 Standard (Hks 3's)	712-915HKQ	U/L 5x5 Rx #5 Standard (Hks 3's)	712-905HKQ
U/L 6x6 Rx #6 Extraction-5 6 mm 2nd Pre-Molars	712-916Q	U/L 4x4 Rx #6 Extraction-5 6 mm 2nd Pre-Molars	712-906Q
U/L 6x6 Rx #7 Extraction 7-8 mm	712-917Q	U/L 4x4 Rx #7 Extraction 7-8 mm	712-907Q
U/L 6x6 Rx #8 Extraction 9-10 mm	712-918Q	U/L 4x4 Rx #8 Extraction 9-10 mm	712-908Q
U/L 6x6 Rx #9 Extraction 11-13 mm	712-919Q	U/L 4x4 Rx #9 Extraction 11-13 mm	712-909Q
U/L 6x6 Rx #10 Extraction 14 mm	712-920Q	U/L 4x4 Rx #10 Extraction 14 mm	712-910Q
U/L 6x7 Rx #11 Extraction 14 mm Extraction U4 Only	712-921Q	U/L 4x4 Rx #11 Extraction 14 mm Extraction U4 Only	712-911Q
U/L 7x7 T2 Q-PK Kit (T2's on 3's, 4's, 5's, 6's, 7's)	712-91T2Q	U/L 5x5 T2 Q-PK Kit (T2's on 3's, 4's, 5's)	712-90T2Q
INTRO KIT WITH MOLARS	*ANDREWS2* BRACKET KIT	INTRO KIT WITHOUT MOLARS	*ANDREWS2* BRACKET KIT
U/L 6x6 30 Case Introductory Kit (Hks 3)	712-930	U/L 5x5 30 Case Introductory Kit (Hks 3)	712-900
U/L 6x6 30 Case Introductory Kit (Hks 3,4,5)	712-930HK	U/L 5x5 30 Case Introductory Kit (Hks 3,4,5)	712-900HK
Andrews2 Bracket Organizer Kit (empty)	712-000	—	—

Andrews[2] Bracket Identification Chart Fully-Programmed Brackets



Bracket images are not representative of actual size, or ratio to other brackets.

ELITE OPTI-MIM MINI-TWIN
Bracket System

Imitates a natural tooth shape for superior performance

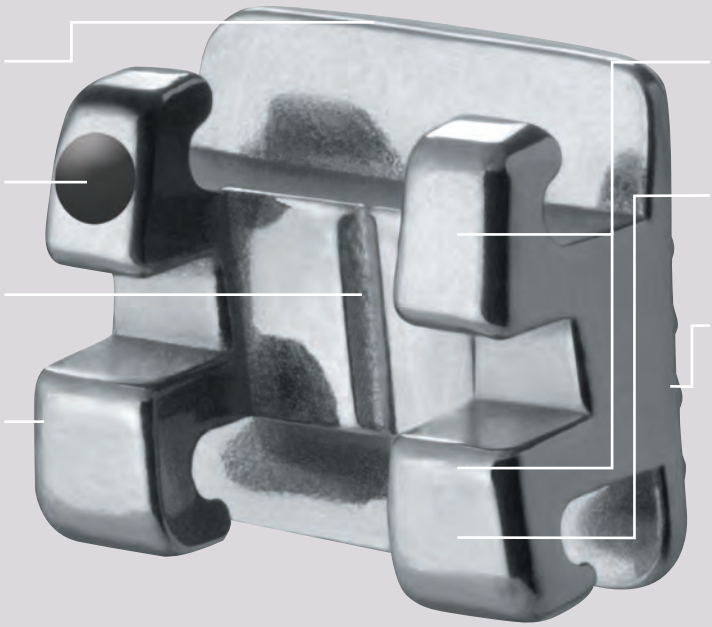
Elite Opti-MIM Mini-Twin Brackets feature a patented tooth-shaped design resulting in a smaller bracket, which delivers uncompromised strength and control throughout the treatment process. Each fully programmed bracket has a compound-contoured base for better bracket to tooth fit. All brackets are manufactured with our *Nickel-Lite®* stainless steel (Cobalt Chromium Alloy) material to protect nickel sensitive patients.

Single-Piece Durable Construction
The contour of the bracket allows for an optimum fit on the tooth.

Color-coded ID System
For easy identification.

Precise Vertical Scribe Line
Allows for easy alignment with the long axis of the clinical crown.

Accurate Placement
Distal tie wings are parallel to distal tooth anatomy.



Effortless Archwire Changes
Beveled edges of archwire slot provides ease of placement and removal of archwires.

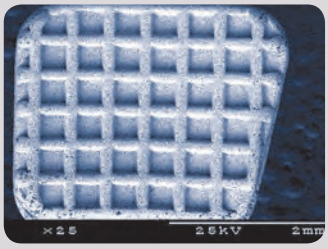
Accurate Placement
Mesial tie wings are parallel to mesial anatomy.

True Straight Arch System
Advanced engineering is incorporated into each bracket and buccal tube with torque-in-base.

***Elite Opti-MIM Mini-Twin* One-piece Bracket offers unsurpassed quality and ease-of-use:**

- Available in Roth, Nanda, and McLaughlin, Bennett, and Trevisi prescriptions*
- Torque-in-base allows precision and control of torque
- Each *Elite Opti-MIM* Bracket and buccal tube feature our patented micro-etched *Grip-LOK* Base for greater bond strength and reduced bond failure
- Both the regular and low-profile *Elite Opti-MIM* Brackets are radiused and polished for maximum patient comfort
- Mesial and distal tie wings are parallel to the tooth's anatomy giving the clinician an additional reference point for accurate placement
- Low-profile first and second mini molar tubes feature a stronger bond strength and reduced bond failure**
- Brackets sold individually or in patient sets for easier inventory control

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).
** Study available upon request.



SEM of Elite Opti-MIM Grip-LOK Base

Upper 1st Molar Non-Convertible Buccal Tube

ELITE OPTI-MIM MINI-TWIN BRACKET SYSTEM

ELITE OPTI-MIM MINI-TWIN BRACKETS

ALL SETS (5X5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	.018	.022
Roth	Set with no hooks, Regular Profile	1	20	—	702-397
	Set with no hooks, Regular Profile-quick pac	1	20	—	702-397Q
	Set with no hooks, Low Profile	1	20	702-297LP	702-397LP
	Set with hooks on 3's, Regular Profile	1	20	702-298	702-398
	Set with hooks on 3's, Regular Profile-quick pac	1	20	702-298Q	702-398Q
	Sets with hooks on 3's, Regular Profile	5	100	702-298-5	702-398-5
	Sets with hooks on 3's, Regular Profile	10	200	702-298-10	702-398-10
	Set with hooks on 3's, Low Profile	1	20	702-298LP	702-398LP
	Set with hooks on 3's, Low Profile-quick pac	1	20	702-298LPQ	702-398LPQ
	Set with hooks 3's, 4's, 5's, Regular Profile	1	20	702-299	702-399
	Set with hooks 3's, 4's, 5's, Regular Profile-quick pac	1	20	702-299Q	702-399Q
	Sets with hooks 3's, 4's, 5's, Regular Profile	5	100	702-299-5	702-399-5
	Sets with hooks 3's, 4's, 5's, Regular Profile	10	200	702-299-10	702-399-10
	Set with hooks 3's, 4's, 5's, Low Profile	1	20	702-299LP	702-399LP
	Set with hooks 3's, 4's, 5's, Low Profile-quick pac	1	20	702-299LPQ	702-399LPQ
	Set with hooks 3's, 4's, 5's, Low Profile	5	100	702-299LP-5	702-399LP-5
	Set with hooks 3's, 4's, 5's, Low Profile	10	200	702-299LP-10	702-399LP-10
McLaughlin, Bennett, and Trevisi	Set with hooks 3's, 4's, 5's, Regular Profile	1	20	702-299MC	702-399MC
	Set with hooks on 3's, 4's, 5's, Regular Profile-quick pac	1	20	702-299MCQ	702-399MCQ
	Set with hooks 3's, 4's, 5's, Regular Profile	5	100	—	702-399MC-5
	Set with hooks 3's, 4's, 5's, Regular Profile	10	200	—	702-399MC-10
Nanda	Set with hooks on 3's, Regular Profile	1	20	—	702-398RN
	Set with hooks on 3's, Regular Profile-quick pac	1	20	—	702-398RNQ
	Set with hooks on 3's, Regular Profile	5	100	—	702-398RN-5
	Set with hooks on 3's, Regular Profile	10	200	—	702-398RN-10
	Set with hooks on 3's, 4's, 5's, Regular Profile	1	20	702-299RN	702-399RN
	Set with hooks on 3's, 4's, 5's, Regular Profile-quick pac	1	20	—	702-399RNQ
	Set with hooks on 3's, 4's, 5's, Regular Profile	5	100	—	702-399RN-5
	Set with hooks on 3's, 4's, 5's, Regular Profile	10	200	—	702-399RN-10

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

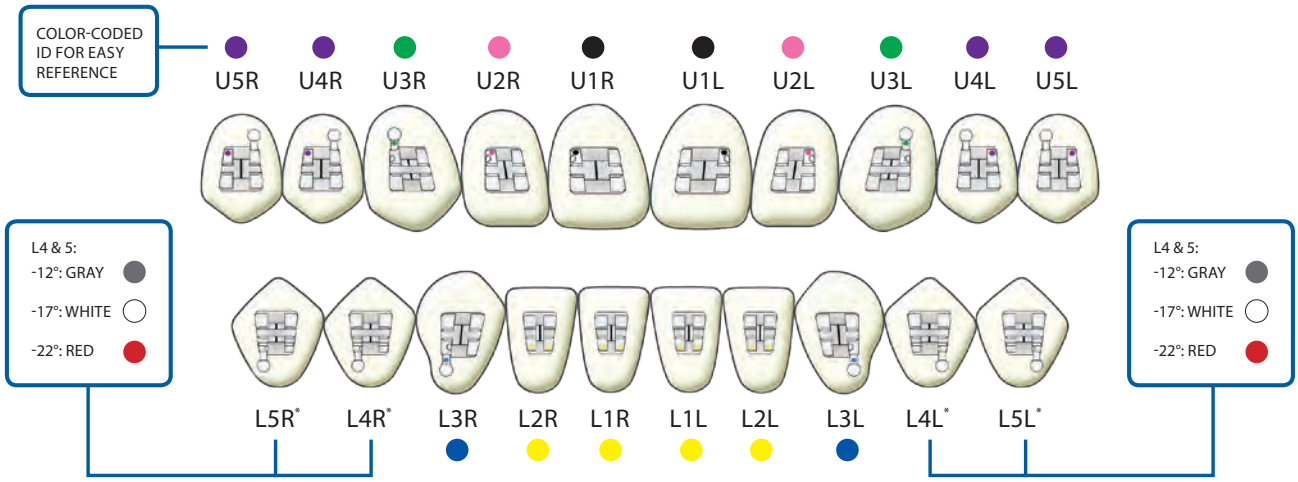
ELITE OPTI-MIM MINI-TWIN BRACKET SYSTEM

ELITE OPTI-MIM MINI-TWIN BRACKETS

ALL PRESCRIPTIONS*

	CENTRALS		LATERALS		CUSPIDS		1ST BICUSPIDS		2ND BICUSPIDS	
MAXILLARY	**TORQUE**	**ANG.**	**TORQUE**	**ANG.**	**TORQUE**	**ANG.**	**TORQUE**	**ANG.**	**TORQUE**	**ANG.**
Roth	+12°	+5°	+8°	+9°	-2°	+11°	-7°	0°	-7°	0°
McLaughlin, Bennett, and Trevisi	+17°	+4°	+10°	+8°	-7°	+8°	-7°	0°	-7°	0°
Nanda	+17°	+4°	+11°	+9°	-7°	+10°	-7°	0°	-7°	0°
MANDIBULAR										
Roth	0°	0°	0°	0°	-11°	+5°	-17°	0°	-22°	0°
McLaughlin, Bennett, and Trevisi	-6°	0°	-6°	0°	-6°	+3°	-12°	0°	-17°	0°
Nanda	0°	0°	0°	0°	-11°	+5°	-17°	0°	-22°	0°

BRACKET IDENTIFICATION CHART



MAXILLARY

U1: BLACK - DISTAL-GINGIVAL TIE WING
U2: PINK - DISTAL-GINGIVAL TIE WING
U3: GREEN - DISTAL-GINGIVAL TIE WING
U4 & 5: PURPLE - DISTAL-GINGIVAL TIE WING

MANDIBULAR

L1 & 2: YELLOW - GINGIVAL TIE WINGS = UNIVERSAL
L3: BLUE - DISTAL-GINGIVAL TIE WING
L4 & 5: SEE ABOVE

ROTH

LOWER 4'S: WHITE
LOWER 5'S: RED

MCLAUGHLIN, BENNETT AND TREVISI

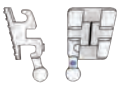
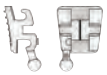
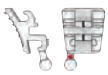
LOWER 4'S: GRAY
LOWER 5'S: WHITE

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).*

ELITE OPTI-MIM MINI-TWIN BRACKET SYSTEM

ELITE OPTI-MIM MINI-TWIN BRACKETS, REGULAR PROFILE

ALL PRESCRIPTIONS*

MAXILLARY	COLOR - CODE	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+12°	+5°	702-207	702-208	702-307	702-308
			+17°	+4°	702-209	702-210	702-309	702-310
Laterals	Pink	U2	+8°	+9°	702-223	702-224	702-323	702-324
			+11°	+9°	702-225	702-226	702-325	702-326
			+10°	+8°	702-227	702-228	702-327	702-328
Cuspids	Green	U3	-2°	+11°	702-251	702-252	702-351	702-352
					702-251HK	702-252HK	702-351HK	702-352HK
			-7°	+11°	702-249HK	702-250HK	702-349HK	702-350HK
			-7°	+10°	702-253HK	702-254HK	702-353HK	702-354HK
			-7°	+8°	702-255HK	702-256HK	702-355HK	702-356HK
Bicuspids	Purple	U4&5's	-7°	0°	702-259	702-260	702-359	702-360
					702-259HK	702-260HK	702-359HK	702-360HK
MANDIBULAR					.018 R	.018 L	.022 R	.022 L
Anteriors	Yellow	L1&2's	0°	0°	702-235	702-236	702-335	702-336
			-6°	0°	702-237	702-238	702-337	702-338
Cuspids 	Blue	L3	-11°	+5°	702-267	702-268	702-367	702-368
					702-267HK	702-268HK	702-367HK	702-368HK
			-6°	+3°	702-271HK	702-272HK	702-371HK	702-372HK
			-6°	+6°	702-273HK	702-274HK	702-373HK	702-374HK
1st Bicuspids 	Gray	L4	-12°	0°	—	—	702-387SP	702-388SP
					702-287HKSP	702-288HKSP	702-387HKSP	702-388HKSP
1st & 2nd Bicuspids	White	L4&5	-17°	0°	702-289SP	702-290SP	702-389SP	702-390SP
					702-289HKSP	702-290HKSP	702-389HKSP	702-390HKSP
2nd Bicuspids 	Red	L5	-22°	0°	702-293SP	702-294SP	702-393SP	702-394SP
					702-293HKSP	702-294HKSP	702-393HKSP	702-394HKSP

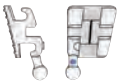
Bracket images are not representative of actual size, or ratio to other brackets.

Note: HK designates bracket comes with a hook.
**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

ELITE OPTI-MIM MINI-TWIN BRACKET SYSTEM

ELITE OPTI-MIM MINI-TWIN BRACKETS, REGULAR PROFILE

ROTH PRESCRIPTIONS*

MAXILLARY	COLOR - CODE	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+12°	+5°	702-207	702-208	702-307	702-308
Laterals	Pink	U2	+8°	+9°	702-223	702-224	702-323	702-324
Cuspids	Green	U3	-2°	+11°	702-251 702-251HK	702-252 702-252HK	702-351 702-351HK	702-352 702-352HK
Bicuspids	Purple	U4&5's	-7°	0°	702-259	702-260	702-359	702-360
MANDIBULAR					**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors	Yellow	L1&2's	0°	0°	702-235	702-236	702-335	702-336
Cuspids 	Blue	L3	-11°	+5°	702-267 702-267HK	702-268 702-268HK	702-367 702-367HK	702-368 702-368HK
1st Bicuspids	White	L4	-17°	0°	702-289SP 702-289HKSP	702-290SP 702-290HKSP	702-389SP 702-389HKSP	702-390SP 702-390HKSP
2nd Bicuspids	Red	L5	-22°	0°	702-293SP 702-293HKSP	702-294SP 702-294HKSP	702-393SP 702-393HKSP	702-394SP 702-394HKSP

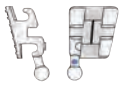
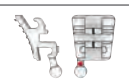
Bracket images are not representative of actual size, or ratio to other brackets.

Note: Centrals and Laterals are available in a lower profile and can be used with any prescription of our *Elite Opti-MIM* regular profile cuspids and bicuspid brackets. For cuspids and bicuspids refer to Regular Profile Roth Prescription. HK designates bracket comes with a hook.
**Ortho Organizers* prescription does not imply endorsement by the doctor(s).

ELITE OPTI-MIM MINI-TWIN BRACKET SYSTEM

ELITE OPTI-MIM MINI-TWIN BRACKETS, LOW PROFILE

ROTH PRESCRIPTIONS*

MAXILLARY	COLOR - CODE	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+12°	+5°	702-205	702-206	702-305	702-306
Laterals	Pink	U2	+8°	+9°	702-221	702-222	702-321	702-322
Cuspids	Green	U3	-2°	+11°	702-251 702-251HK	702-252 702-252HK	702-351 702-351HK	702-352 702-352HK
Bicuspids	Purple	U4&5's	-7°	0°	702-259 702-259HK	702-260 702-260HK	702-359 702-359HK	702-360 702-360HK
MANDIBULAR					**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors	Yellow	L1&2's	0°	0°	702-233	702-234	702-333	702-334
Cuspids 	Blue	L3	-11°	+5°	702-267 702-269HK	702-268 702-270HK	702-367 702-369HK	702-368 702-370HK
1st Bicuspids	White	L4	-17°	0°	702-289SP 702-289HKSP	702-290SP 702-290HKSP	702-389SP 702-389HKSP	702-390SP 702-390HKSP
2nd Bicuspids 	Red	L5	-22°	0°	702-293SP 702-293HKSP	702-294SP 702-294HKSP	702-393SP 702-393HKSP	702-394SP 702-394HKSP

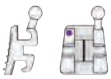
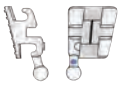
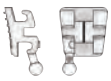
Bracket images are not representative of actual size, or ratio to other brackets.

Note: Centrals and Laterals are available in a lower profile and can be used with any prescription of our *Elite Opti-MIM* regular profile cuspids and bicuspid brackets. For cuspids and bicuspids refer to Regular Profile Roth Prescription. HK designates bracket comes with a hook.
**Ortho Organizers* prescription does not imply endorsement by the doctor(s).

ELITE OPTI-MIM MINI-TWIN BRACKET SYSTEM

ELITE OPTI-MIM MINI-TWIN BRACKETS, REGULAR PROFILE

MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

MAXILLARY	COLOR - CODE	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+17°	+4°	702-209	702-210	702-309	702-310
Laterals	Pink	U2	+10°	+8°	702-227	702-228	702-327	702-328
Cuspids	Green	U3	-7°	+8°	702-255HK	702-256HK	702-355HK	702-356HK
Bicuspids 	Purple	U4&5's	-7°	0°	702-259 702-259HK	702-260 702-260HK	702-359 702-359HK	702-360 702-360HK
MANDIBULAR					**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors	Yellow	L1&2's	-6°	0°	702-237	702-238	702-337	702-338
Cuspids 	Blue	L3	-6°	+3°	702-271HK	702-272HK	702-371HK	702-372HK
1st Bicuspids 	Grey	L4	-12°	0°	702-287SP 702-287HKSP	702-288SP 702-288HKSP	702-387SP 702-387HKSP	702-388SP 702-388HKSP
2nd Bicuspids	White	L5	-17°	0°	702-289SP 702-289HKSP	702-290SP 702-290HKSP	702-389SP 702-389HKSP	702-390SP 702-390HKSP

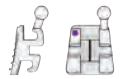
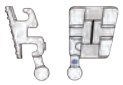
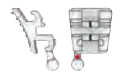
Bracket images are not representative of actual size, or ratio to other brackets.

Note: HK designates bracket comes with a hook.
**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

ELITE OPTI-MIM MINI-TWIN BRACKET SYSTEM

ELITE OPTI-MIM MINI-TWIN BRACKETS, REGULAR PROFILE

NANDA PRESCRIPTIONS*

MAXILLARY	COLOR - CODE	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+17°	+4°	702-209	702-210	702-309	702-310
Laterals	Pink	U2	+11°	+9°	702-225	702-226	702-325	702-326
Cuspids	Green	U3	-7°	+10°	702-253HK	702-254HK	702-353HK	702-354HK
Bicuspids 	Purple	U4&5's	-7°	0°	702-259 702-259HK	702-260 702-260HK	702-359 702-359HK	702-360 702-360HK
MANDIBULAR					**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors	Yellow	L1&2's	0°	0°	702-235	702-238	702-335	702-336
Cuspids 	Blue	L3	-11°	+5°	702-267HK	702-268HK	702-367HK	702-368HK
1st Bicuspids	White	L4	-17°	0°	702-289SP 702-289HKSP	702-290SP 702-290HKSP	702-389SP 702-389HKSP	702-390SP 702-390HKSP
2nd Bicuspids 	Red	L5	-22°	0°	702-293SP 702-293HKSP	702-294SP 702-294HKSP	702-393SP 702-393HKSP	702-394SP 702-394HKSP

Bracket images are not representative of actual size, or ratio to other brackets.

Note: HK designates bracket comes with a hook.
**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

Di-MIM MINI-TWIN Bracket System

Achieve the Ultimate in Control and Comfort

The low-profile *Di-MIM Mini-Twin* Bracket's rhomboid shape is specifically designed to position the bracket easily and accurately. The bracket's vertical components give fast, accurate alignment with the long axis of the clinical crown, while the horizontal elements are aligned and parallel to the incisal edge of the tooth. All brackets are manufactured with *Nickel-Lite* (Cobalt Chromium Alloy) Material to address your nickel sensitive patients.

Quality Features Include

Color-Coded ID System
Each bracket is individually color-coded for easy identification.

Accurate Placement
Mesial and distal tie wings and a permanent vertical scribe line are parallel to the long axis of the clinical crown – The vertical and parallel lines facilitate a more accurate placement of each bracket on the long axis for bonding.

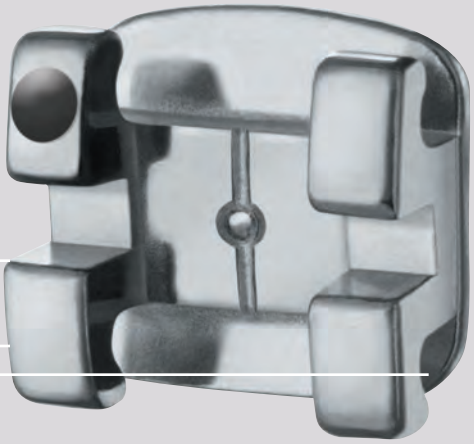
Ease of Use
The parallel tie wing design allows tweezers, or bracket holders, to securely hold the bracket in place during bonding.

True Straight Archwire System
To give you ultimate precision and control, torque is incorporated into each bracket base.

Easy Archwire Changes
Beveled edges of the archwire slot provides easy placement of the archwire.

Patient Comfort
Brackets are radiused and polished for maximum patient comfort.

Easy Ligation
Ample area under each tie wing allows easy ligation.



Offers outstanding performance for patients & practitioners

Exceptional Clinical Results and Case Finishing:

The accurate placement of the bracket can translate into a more exact finish and consistent end result. You will truly appreciate the beautiful case finishing that may be achieved with the *Di-MIM* Bracket!

Patient Comfort and Aesthetics:

The *Di-MIM* Bracket is designed with your patient in mind. Its small shape, reduced bracket height, and smooth, radiused tie wings offer your patient an aesthetic look and comfortable feel.

Perfect Fit:

Each *Di-MIM* Bracket Base is contoured in both the mesial-distal, and gingival-occlusal directions for a more "glove type" fit to the tooth surface. The compound, contoured bracket base reduces bracket rock and adds to the bond strength.

Biocompatible Material:

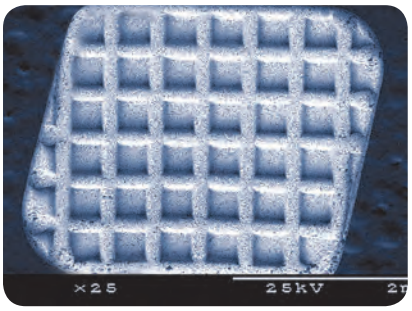
The bracket is biocompatibly manufactured from cobalt-chromium alloy, which is a *Nickel-Lite* Material reducing the risk of allergic reactions for your nickel sensitive patients.

Can be Ordered Based on Doctor's Prescription Preference:

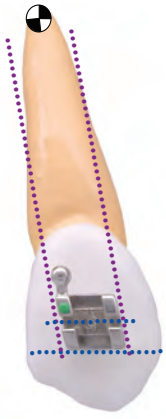
Available in Roth, Nanda, and McLaughlin, Bennett, and Trevisi Prescriptions*, in .018 and .022 slots. The bracket may also be ordered with optional rounded and smooth hooks on 3's, 4's, and 5's. In addition, the *Di-MIM* Bracket works well with all the new high technology wires and arch forms, making them very adaptable for each doctors personal preference.

Optimal Mechanical Characteristics:

The MIM process (Metal Injection Molding), together with the one-piece design, increases the strength, accuracy, and durability of the *Di-MIM* Bracket. It features our patented micro-etched *Grip-LOK* Base, to increase greater bond strength and reduce bond failure.**



SEM of Di-MIM Micro-Etched Grip-LOK Base



Rhomboid Shape Design

- Mesial and distal tie wings are parallel to long axis of clinical crown
- Vertical scribe line aligns with long axis of clinical crown
- Archwire slot and base are parallel to incisal edge of tooth

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).
**Study available up request.

Di-MIM BRACKET SYSTEM

DI-MIM BRACKETS

ALL SETS (5X5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	.018	.022
Roth	Set with no hooks	1	20	702-847	702-897
	Set with no hooks, quick pac	1	20	—	702-897Q
	Set with hooks on 3's	1	20	702-848	702-898
	Set with hooks on 3's, quick pac	1	20	702-848Q	702-898Q
	Sets with hooks on 3's	5	100	—	702-898-5
	Sets with hooks on 3's	10	200	—	702-898-10
	Set with hooks 3's, 4's, 5's	1	20	702-849	702-899
	Set with hooks 3's, 4's, 5's, quick pac	1	20	702-849Q	702-899Q
	Sets with hooks 3's, 4's, 5's	5	100	702-849-5	702-899-5
	Sets Hooks 3's, 4's, 5's	10	200	702-849-10	702-899-10
McLaughlin, Bennett, and Trevisi	Set with hooks on 3's, 4's, 5's	1	20	702-849MC	702-899MC
	Set with hooks on 3's, 4's, 5's, quick pac	1	20	—	702-899MCQ
Nanda	Set with hooks on 3's, 4's, 5's	1	20	—	702-899RN

DI-MIM BRACKETS

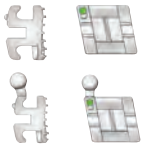
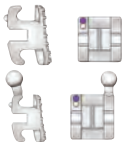
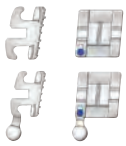
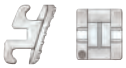
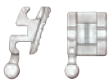
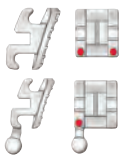
ALL PRESCRIPTIONS*

	CENTRALS		LATERALS		CUSPIDS		1ST BICUSPIDS		2ND BICUSPIDS	
MAXILLARY	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.
Roth	+12°	+5°	+8°	+9°	-2°	+11°	-7°	0°	-7°	0°
McLaughlin, Bennett, and Trevisi	+17°	+4°	+10°	+8°	-7°	+8°	-7°	0°	-7°	0°
Nanda	+17°	+4°	+8°	+9°	-7°	+8°	-7°	0°	-7°	0°
MANDIBULAR										
Roth	0°	0°	0°	0°	-11°	+5°	-17°	0°	-22°	0°
McLaughlin, Bennett, and Trevisi	-6°	0°	-6°	0°	-6°	+3°	-12°	0°	-17°	0°
Nanda	0°	0°	0°	0°	-11°	+5°	-17°	0°	-22°	0°

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

DI-MIM BRACKETS

ALL PRESCRIPTIONS*

MAXILLARY	COLOR - CODE	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+12°	+5°	702-801	702-802	702-851	702-852
			+17°	+4°	702-803	702-804	702-853	702-854
Laterals	Pink	U2	+8°	+9°	702-807	702-808	702-857	702-858
					—	—	702-857HK	702-858HK
			+10°	+8°	702-809	702-810	702-859	702-860
Cuspids 	Green	U3	-2°	+11°	702-819	702-820	702-869	702-870
					702-819HK	702-820HK	702-869HK	702-870HK
			-7°	+8°	702-843	702-844	702-893	702-894
					702-843HK	702-844HK	702-893HK	702-894HK
Bicuspids 	Purple	U4&5's	-7°	0°	702-833	702-834	702-883	702-884
			-7°	0°	702-833HK	702-834HK	702-883HK	702-884HK
MANDIBULAR					**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors	Yellow	L1&2's	0°	0°	702-813	702-814	702-863	702-864
			-6°	0°	702-815	702-816	702-865	702-866
Cuspids 	Blue	L3	-11°	+5°	702-821	702-822	702-871	702-872
					702-821HK	702-822HK	702-871HK	702-872HK
			-6°	+3°	702-823	702-824	702-873	702-874
					702-823HK	702-824HK	702-873HK	702-874HK
1st Bicuspids 	Gray	L4	-12°	0°	702-837	702-838	702-887	702-888
					702-837HK	702-838HK	702-887HK	702-888HK
1st & 2nd Bicuspids 	White	L4&5's	-17°	0°	702-839	702-840	702-889	702-890
					702-839HK	702-840HK	702-889HK	702-890HK
2nd Bicuspids 	Red	L5	-22°	0°	702-841	702-842	702-891	702-892
					702-841HK	702-842HK	702-891HK	702-892HK

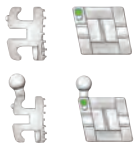
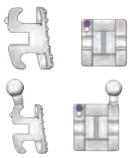
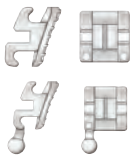
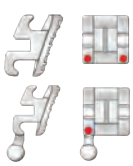
Bracket images are not representative of actual size, or ratio to other brackets.

Note: HK designates bracket comes with a hook. Please note all color-code dots are gingival distal (for brackets with a single dot).

Di-MIM BRACKET SYSTEM

DI-MIM BRACKETS

ROTH PRESCRIPTION*

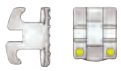
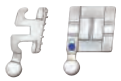
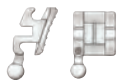
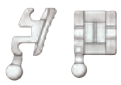
MAXILLARY	COLOR - CODE	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+12°	+5°	702-801	702-802	702-851	702-852
Laterals	Pink	U2	+8°	+9°	702-807	702-808	702-857	702-858
					—	—	702-857HK	702-858HK
Cuspids 	Green	U3	-2°	+11°	702-819	702-820	702-869	702-870
					702-819HK	702-820HK	702-869HK	702-870HK
1st & 2nd Bicuspids 	Purple	U4&5's	-7°	0°	702-833	702-834	702-883	702-884
					702-833HK	702-834HK	702-883HK	702-884HK
MANDIBULAR					**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors	Yellow	L1&2's	0°	0°	702-813	702-814	702-863	702-864
Cuspids	Blue	L3	-11°	+5°	702-821	702-822	702-871	702-872
					702-821HK	702-822HK	702-871HK	702-872HK
1st Bicuspids 	White	L4	-17°	0°	702-839	702-840	702-889	702-890
					702-839HK	702-840HK	702-889HK	702-890HK
2nd Bicuspids 	Red	L5	-22°	0°	702-841	702-842	702-891	702-892
					702-841HK	702-842HK	702-891HK	702-892HK

Bracket images are not representative of actual size, or ratio to other brackets.

Note: HK designates bracket comes with a hook. Please note all color-code dots are gingival distal (for brackets with a single dot.)
**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

DI-MIM BRACKETS

MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTION*

MAXILLARY	COLOR - CODE	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+17°	+4°	702-803	702-804	702-853	702-854
Laterals	Pink	U2	+10°	+8°	702-809	702-810	702-859	702-860
Cuspids	Green	U3	-7°	+8°	702-843 702-843HK	702-844 702-844HK	702-893 702-893HK	702-894 702-894HK
Bicuspids	Purple	U4&5's	-7°	0°	702-833 702-833HK	702-834 702-834HK	702-883 702-883HK	702-884 702-884HK
MANDIBULAR					**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors 	Yellow	L1&2's	-6°	0°	702-815	702-816	702-865	702-866
Cuspids 	Blue	L3	-6°	+3°	702-823 702-823HK	702-824 702-824HK	702-873 702-873HK	702-874 702-874HK
1st Bicuspids 	Gray	L4	-12°	0°	702-837 702-837HK	702-838 702-838HK	702-887 702-887HK	702-888 702-888HK
2nd Bicuspids 	White	L5	-17°	0°	702-839 702-839HK	702-840 702-840HK	702-889 702-889HK	702-890 702-890HK

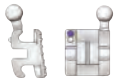
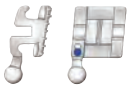
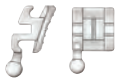
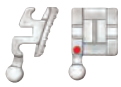
Bracket images are not representative of actual size, or ratio to other brackets.

Note: HK designates bracket comes with a hook. Please note all color-code dots are gingival distal (for brackets with a single dot.)
**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

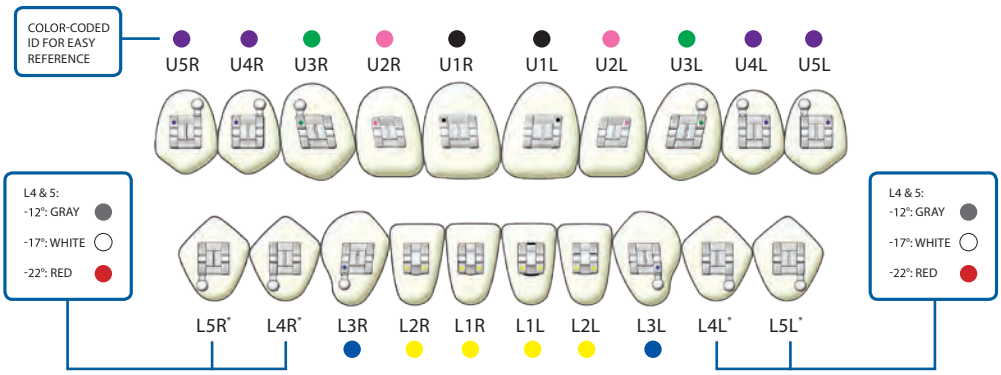
Di-MIM BRACKET SYSTEM

DI-MIM BRACKETS

NANDA PRESCRIPTION

MAXILLARY		COLOR - CODE	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .022 R	.022 L
Centrals		Black	U1	+17°	+4°	702-853	702-854
Laterals		Pink	U2	+11°	+9°	702-861	702-862
Cuspids		Green	U3	-7°	+10°	702-895HK	702-896HK
Bicuspids		Purple	U4&5's	-7°	0°	702-883HK	702-884HK
MANDIBULAR						**.022 R**	**.022 L**
Anteriors		Yellow	L1&2's	0°	0°	702-863	702-864
Cuspids		Blue	L3	-11°	+5°	702-871HK	702-872HK
1st Bicuspids		White	L4	-17°	0°	702-889HK	702-890HK
2nd Bicuspids		Red	L5	-22°	0°	702-891HK	702-892HK

BRACKET IDENTIFICATION CHART



MAXILLARY
U1: BLACK - DISTAL-GINGIVAL TIE WING
U2: PINK - DISTAL-GINGIVAL TIE WING
U3: GREEN - DISTAL-GINGIVAL TIE WING
U4 & 5: PURPLE - GINGIVAL TIE WINGS = UNIVERSAL

MANDIBULAR
L1 & 2: YELLOW - GINGIVAL TIE WINGS = UNIVERSAL
L3: BLUE - DISTAL-GINGIVAL TIE WING
L4 & 5: SEE ABOVE

ROTH
LOWER 4'S: WHITE
LOWER 5'S: RED

MCLAUGHLIN, BENNETT AND TREVISI
LOWER 4'S: GRAY
LOWER 5'S: WHITE

Bracket images are not representative of actual size, or ratio to other brackets.

Note: HK designates bracket comes with a hook. Please note all color-code dots are gingival distal (for brackets with a single dot.)

ELITE MINI-TWIN AND ELITE MEDIUM-TWIN BRACKETS

Both the *Elite Mini-Twin* and the *Elite Medium-Twin* Brackets provide the following features:

- 80 gauge mesh bondable pad for exceptional strength
- Micro-etched base to maximize bond adhesion
- Patented tooth-shape design
- Torque-in-base, compound/contour design
- Five visual references to ensure accurate placement
- Color-coding and permanent I.D. marks
- Metal Injection Molding (MIM) process
- Available in both Roth and Andrews' (Classic) prescriptions
- Available in .018 and .022 slot sizes
- Ball hooks are available on all cuspid and bicuspid brackets-upper bicuspid hooks are mesial-gingival, all other hooks are distal-gingival

Elite Mini-Twin Brackets

- 30% smaller than standard brackets

Elite Medium-Twin Brackets

- 15% larger than the *Elite Mini-Twin* Bracket

Elite Mini-Twin Bracket

Etched

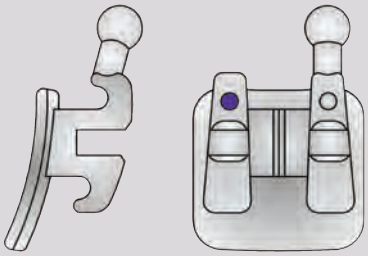
Non-Etched

All *Elite Mini-Twin* Brackets and *Elite Medium-Twin* Brackets have Micro-Etched Foil Mesh Pads for Exceptional Strength

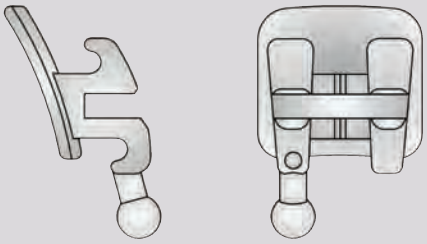
Offset Pad Bicuspid Brackets

Elite Offset Pad Bicuspid Brackets feature a special gingival offset that greatly reduces the chance of bond failures.

Upper View



Lower View



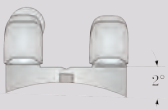
Anti-Rotation

Anti-rotation is available for cuspid and bicuspid brackets.

Note: Anti-rotation is only available on *Elite Medium-Twin* Brackets.

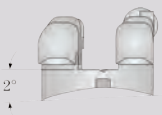
Occlusal Views

U3

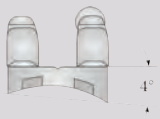


U4

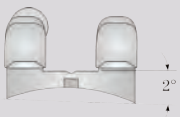
U5



L3



L4



L5

ELITE MINI-TWIN BRACKETS

ELITE MINI-TWIN BRACKETS
ALL SETS (5X5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	.018	.022
Roth	Set with no hooks	1	20	705-297	705-397
	Set with no hooks, quick pac	1	20	705-297Q	705-397Q
	Set with hooks on 3's	1	20	705-298	705-398
	Set with hooks on 3's, quick pac	1	20	—	705-398Q
	Sets with hooks on 3's	5	100	—	705-398-5
	Sets with hooks on 3's	10	200	—	705-398-10
	Set with hooks on 3's, 4's, 5's	1	20	705-299	705-399
	Set with hooks on 3's, 4's, 5's, quick pac	1	20	705-299Q	705-399Q
	Sets with hooks on 3's, 4's, 5's	5	100	705-299-5	705-399-5
	Sets with hooks on 3's, 4's, 5's	10	200	705-299-10	705-399-10

ELITE MINI-TWIN BRACKETS
ALL PRESCRIPTIONS*

	CENTRALS		LATERALS		CUSPIDS		1ST BICUSPIDS		2ND BICUSPIDS	
MAXILLARY	TORQUE	ANGULATION	TORQUE	ANGULATION	TORQUE	ANGULATION	TORQUE	ANGULATION	TORQUE	ANGULATION
Roth	+12°	+5°	+8°	+9°	-7°	+11°	-7°	0°	-7°	0°
Andrews (Classic)	+7°	+5°	+3°	+9°	-7°	+11°	-7°	0°	-7°	0°
MANDIBULAR										
Roth	0°	0°	0°	0°	-11°	+5°	-17°	0°	-22°	0°
Andrews (Classic)	0°	0°	0°	0°	-11°	+5°	-17°	0°	-22°	0°

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

ELITE MINI-TWIN BRACKETS

ELITE MINI-TWIN BRACKETS
ALL PRESCRIPTIONS*

MAXILLARY		COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals		Black	U1	+7°	+5°	705-203	705-204	705-303	705-304
		Black	U1	+12°	+5°	705-205	705-206	705-305	705-306
Centrals w/high torque		Black	U1	+22°	+5°	—	—	705-313	705-314
Laterals		Pink	U2	+3°	+9°	705-219	705-220	705-319	705-320
		Pink	U2	+8°	+9°	705-221	705-222	705-321	705-322
Laterals w/high torque		Pink	U2	+14°	+8°	—	—	705-327	705-328
Cuspids		Green	U3	0°	+6°	—	—	705-337	705-338
		Green	U3	-7°	+11°	705-249	705-250	705-349	705-350
Cuspids w/distal hook		Green	U3	0°	+6°	705-237HK	705-238HK	705-337HK	705-338HK
		Green	U3	-7°	+11°	705-249HK	705-250HK	705-349HK	705-350HK
		Green	U3	-2°	+11°	705-251HK	705-252HK	705-351HK	705-352HK
Bicuspids		Purple	U4&5's	-7°	0°	705-259	705-260	705-359	705-360
Bicuspids w/mesial hook		Purple	U4&5's	-7°	0°	705-259HK	705-260HK	705-359HK	705-360HK
Bicuspids w/offset pad		Purple	U4&5's	-7°	0°	705-555	705-556	705-575	705-576
Bicuspids w/offset pad & mesial hook		Purple	U4&5's	-7°	0°	705-555HK	705-556HK	705-575HK	705-576HK
Weldable Bicuspids		Purple	U4&5's	-7°	0°	805-259	805-260	805-359	805-360
Weldable Bicuspids w/mesial hook		Purple	U4&5's	-7°	0°	805-261	805-262	805-361	805-362

Bracket images are not representative of actual size, or ratio to other brackets.

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ELITE MINI-TWIN BRACKETS

ELITE MINI-TWIN BRACKETS
ALL PRESCRIPTIONS*

MANDIBULAR		COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors		Yellow	L1&2's	0°	0°	705-233	705-234	705-333	705-334
Anteriors (narrow)		Yellow	L1&2's	0°	0°	705-233N	705-234N	705-333N	705-334N
Cuspids		Blue	L3	-11°	+5°	705-269	705-270	705-369	705-370
Cuspids w/distal hook		Blue	L3	-11°	+5°	705-269HK	705-270HK	705-369HK	705-370HK
1st Bicuspids		Gray	L4&5's	-12°	0°	705-287	705-288	—	—
1st Bicuspids w/distal hook		Gray	L4&5's	-12°	0°	705-287HK	705-288HK	705-387HK	705-388HK
1st & 2nd Bicuspids		White	L4&5's	-17°	0°	705-289	705-290	705-389	705-390
1st & 2nd Bicuspids w/distal hook		White	L4&5's	-17°	0°	705-289HK	705-290HK	705-389HK	705-390HK
1st & 2nd Bicuspids w/offset pad		White	L4&5's	-17°	0°	705-551	705-552	705-571	705-572
1st & 2nd Bicuspids w/offset pad & distal hook		White	L4&5's	-17°	0°	705-551HK	705-552HK	705-571HK	705-572HK
2nd Bicuspids		Red	L4&5's	-22°	0°	705-293	705-294	705-393	705-394
2nd Bicuspids w/distal hook		Red	L4&5's	-22°	0°	705-293HK	705-294HK	705-393HK	705-394HK
2nd Bicuspids w/offset pad		Red	L4&5's	-22°	0°	705-553	705-554	705-573	705-574
2nd Bicuspids w/offset pad & distal hook		Red	L4&5's	-22°	0°	705-553HK	705-554HK	705-573HK	705-574HK
Weldable 1st / 2nd Bicuspids		White	L4&5's	-17°	0°	805-289	805-290	805-389	805-390
Weldable 1st / 2nd Bicuspids w/distal hook		White	L4&5's	-17°	0°	805-291	805-292	805-391	805-392
Weldable 2nd Bicuspids		Red	L4&5's	-22°	0°	805-293	805-294	805-393	805-394
Weldable 2nd Bicuspids w/distal hook		Red	L4&5's	-22°	0°	805-295	805-296	805-395	805-396

Bracket images are not representative of actual size, or ratio to other brackets.

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ELITE MINI-TWIN BRACKETS

ELITE MINI-TWIN BRACKETS
ROTH PRESCRIPTION*

MAXILLARY	COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+12°	+5°	705-205	705-206	705-305	705-306
Laterals	Pink	U2	+8°	+9°	705-221	705-222	705-321	705-322
Cuspids	Green	U3	-7°	+11°	705-249	705-250	705-349	705-350
Cuspids w/distal hook	Green	U3	-7°	+11°	705-249HK	705-250HK	705-349HK	705-350HK
Bicuspids	Purple	U4&5's	-7°	0°	705-259	705-260	705-359	705-360
Bicuspids w/mesial hook	Purple	U4&5's	-7°	0°	705-259HK	705-260HK	705-359HK	705-360HK
MANDIBULAR					.018 R	.018 L	.022 R	.022 L
Anteriors	Yellow	L1&2's	0°	0°	705-233	705-234	705-333	705-334
Cuspids	Blue	L3	-11°	+5°	705-269	705-270	705-369	705-370
Cuspids w/distal hook	Blue	L3	-11°	+5°	705-269HK	705-270HK	705-369HK	705-370HK
1st Bicuspids	White	L4	-17°	0°	705-289	705-290	705-389	705-390
1st Bicuspids w/distal hook	White	L4	-17°	0°	705-289HK	705-290HK	705-389HK	705-390HK
2nd Bicuspids	Red	L5	-22°	0°	705-293	705-294	705-393	705-394
2nd Bicuspids w/distal hook	Red	L5	-22°	0°	705-293HK	705-294HK	705-393HK	705-394HK

Bracket images are not representative of actual size, or ratio to other brackets.

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ELITE MINI-TWIN BRACKETS

ELITE MINI-TWIN BRACKETS
ANDREWS' (CLASSIC) PRESCRIPTION*

MAXILLARY		COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals		Black	U1	+7°	+5°	705-203	705-204	705-303	705-304
Laterals		Pink	U2	+3°	+9°	705-219	705-220	705-319	705-320
Cuspids		Green	U3	-7°	+11°	705-249	705-250	705-349	705-350
Cuspids w/distal hook		Green	U3	-7°	+11°	705-249HK	705-250HK	705-349HK	705-350HK
Bicuspids		Purple	U4&5's	-7°	0°	705-259	705-260	705-359	705-360
Bicuspids w/mesial hook		Purple	U4&5's	-7°	0°	705-259HK	705-260HK	705-359HK	705-360HK
Bicuspids w/offset pad		Purple	U4&5's	-7°	0°	705-555	705-556	705-575	705-576
Bicuspids w/offset pad & mesial hook		Purple	U4&5's	-7°	0°	705-555HK	705-556HK	705-575HK	705-576HK

Bracket images are not representative of actual size, or ratio to other brackets.

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ELITE MINI-TWIN BRACKETS
ANDREWS' (CLASSIC) PRESCRIPTION*

MANDIBULAR		COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors		Yellow	L1&2's	0°	0°	705-233	705-234	705-333	705-334
Anteriors (narrow)		Yellow	L1&2's	0°	0°	705-233N	705-234N	705-333N	705-334N
Cuspids		Blue	L3	-11°	+5°	705-269	705-270	705-369	705-370
Cuspids w/distal hook		Blue	L3	-11°	+5°	705-269HK	705-270HK	705-369HK	705-370HK
1st Bicuspids		White	L4	-17°	0°	705-289	705-290	705-389	705-390
1st Bicuspids w/distal hook		White	L4	-17°	0°	705-289HK	705-290HK	705-389HK	705-390HK
1st Bicuspids w/offset pad		White	L4	-17°	0°	705-551	705-552	705-571	705-572
1st Bicuspids w/offset pad & distal hook		White	L4	-17°	0°	705-551HK	705-552HK	705-571HK	705-572HK
2nd Bicuspids		Red	L5	-22°	0°	705-293	705-294	705-393	705-394
2nd Bicuspids w/distal hook		Red	L5	-22°	0°	705-294HK	705-294HK	705-393HK	705-394HK
2nd Bicuspids w/offset pad		Red	L5	-22°	0°	705-553	705-554	705-573	705-574
2nd Bicuspids w/offset pad & distal hook		Red	L5	-22°	0°	705-553HK	705-554HK	705-573HK	705-574HK

Bracket images are not representative of actual size, or ratio to other brackets.

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

ELITE MEDIUM-TWIN BRACKETS

ELITE MEDIUM-TWIN BRACKETS
ALL SETS (5X5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	.018	.022
Roth	Set with no hooks	1	20	707-297	707-397
	Set with no hooks, quick pac	1	20	707-297Q	707-397Q
	Sets with no hooks	5	100	707-297-5	—
	Sets with no hooks	10	200	707-297-10	—
	Set with hooks on 3's	1	20	707-298	707-398
	Set with hooks on 3's, quick pac	1	20	707-298Q	707-398Q
	Set with hooks on 3's, 4's, 5's	1	20	707-299	707-399
	Set with hooks on 3's, 4's, 5's, quick pac	1	20	707-299Q	707-399Q

ELITE MEDIUM-TWIN BRACKETS
ALL PRESCRIPTIONS*

	CENTRALS		LATERALS		CUSPIDS		1ST BICUSPIDS		2ND BICUSPIDS	
MAXILLARY	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.
Roth	+12°	+5°	+8°	+9°	-7°	+11°	-7°	0°	-7°	0°
MANDIBULAR										
Roth	0°	0°	0°	0°	-11°	+5°	-17°	0°	-22°	0°

**Ortho Organizers*' prescription does not imply endorsement by the doctor(s).
**Auxiliary slot matches archwire slot.

ELITE MEDIUM-TWIN BRACKETS

ELITE MEDIUM-TWIN BRACKETS
ALL PRESCRIPTIONS*

MAXILLARY		COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals		Black	U1	+7°	+5°	707-203	707-204	707-303	707-304
		Black	U1	+12°	+5°	707-205	707-206	707-305	707-306
Centrals w/high torque		Black	U1	+22°	+5°	—	—	707-313	707-314
Laterals		Pink	U2	+3°	+9°	707-219	707-220	707-319	707-320
		Pink	U2	+8°	+9°	707-221	707-222	707-321	707-322
Laterals w/high torque		Pink	U2	+14°	+8°	—	—	707-327	707-328
Cuspids		Green	U3	0°	+6°	707-237	707-238	707-337	707-338
		Green	U3	-7°	+11°	707-249	707-250	707-349	707-350
Cuspids w/distal hook		Green	U3	0°	+6°	707-237HK	707-238HK	707-337HK	707-338HK
		Green	U3	-7°	+11°	707-249HK	707-250HK	707-349HK	707-350HK
		Green	U3	-2°	+11°	707-251HK	707-252HK	707-351HK	707-352HK
Cuspids +4° w/mesial rot & distal hook		Green	U3	-2°	+13°	—	—	707-751HK	707-752HK
Bicuspids		Purple	U4&5's	-7°	0°	707-259	707-260	707-359	707-360
Bicuspids w/mesial hook		Purple	U4&5's	-7°	0°	707-259HK	707-260HK	707-359HK	707-360HK
Bicuspids +2° w/distal rot & mesial hook		Purple	U4&5's	-7°	0°	—	—	707-759HK	707-760HK
Bicuspids w/offset pad		Purple	U4&5's	-7°	0°	705-555	705-556	705-575	705-576
Bicuspids w/offset pad & mesial hook		Purple	U4&5's	-7°	0°	705-555HK	705-556HK	705-575HK	705-576HK
Weldable Bicuspids		Purple	U4&5's	-7°	0°	805-259	805-260	805-359	805-360
Weldable Bicuspids w/mesial hook		Purple	U4&5's	-7°	0°	805-261	805-262	805-361	805-362

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ELITE MEDIUM-TWIN BRACKETS

ELITE MEDIUM-TWIN BRACKETS
ALL PRESCRIPTIONS*

MANDIBULAR	COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors	Yellow	L1&2's	0°	0°	707-233	707-234	707-333	707-334
Cuspids	Blue	L3	-11°	+5°	707-269	707-270	707-369	707-370
Cuspids w/distal hook	Blue	L3	-11°	+5°	707-269HK	707-270HK	707-369HK	707-370HK
Cuspids +2° w/mesial rot & distal hook	Blue	L3	-11°	+7°	—	—	707-769HK	707-770HK
1st Bicuspids	White	L4	-17°	0°	707-289	707-290	707-389	707-390
1st Bicuspids w/distal hook	White	L4	-17°	0°	707-289HK	707-290HK	707-389HK	707-390HK
1st Bicuspids w/offset pad	White	L4	-17°	0°	705-551	705-552	705-571	705-572
1st Bicuspids w/offset pad & distal hook	White	L4	-17°	0°	705-551HK	705-552HK	705-571HK	705-572HK
2nd Bicuspids	Red	L5	-22°	0°	707-293	707-294	707-393	707-394
2nd Bicuspids w/distal hook	Red	L5	-22°	0°	707-293HK	707-294HK	707-393HK	707-394HK
2nd Bicuspids +4° w/distal rot & distal hook	Red	L5	-22°	0°	—	—	707-793HK	707-794HK
2nd Bicuspids w/offset pad	Red	L5	-22°	0°	705-553	705-554	705-573	705-574
2nd Bicuspids w/offset pad & distal hook	Red	L5	-22°	0°	705-553HK	705-554HK	705-573HK	705-574HK
Weldable 1st Bicuspids	White	L4	-17°	0°	805-289	805-290	805-389	805-390
Weldable 1st Bicuspids w/distal hook	White	L4	-17°	0°	805-291	805-292	805-391	805-392
Weldable 2nd Bicuspids	Red	L5	-22°	0°	805-293	805-294	805-393	805-394
Weldable 2nd Bicuspids w/distal hook	Red	L5	-22°	0°	805-295	805-296	805-395	805-396

Bracket images are not representative of actual size, or ratio to other brackets.

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ELITE MEDIUM-TWIN BRACKETS
ROTH PRESCRIPTION*

MAXILLARY	COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+12°	+5°	707-205	707-206	707-305	707-306
Laterals	Pink	U2	+8°	+9°	707-221	707-222	707-321	707-322
Cuspids	Green	U3	-7°	+11°	707-249	707-250	707-349	707-350
Cuspids w/distal hook	Green	U3	-7°	+11°	707-249HK	707-250HK	707-349HK	707-350HK
Bicuspids	Purple	U4&5's	-7°	0°	707-259	707-260	707-359	707-360
Bicuspids w/distal hook	Purple	U4&5's	-7°	0°	707-259HK	707-260HK	707-359HK	707-360HK
MANDIBULAR					**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors	Yellow	L1&2's	0°	0°	707-233	707-234	707-333	707-334
Cuspids	Blue	L3	-11°	+5°	707-269	707-270	707-369	707-370
Cuspids w/distal hook	Blue	L3	-11°	+5°	707-269HK	707-270HK	707-369HK	707-370HK
1st Bicuspids	White	L4	-17°	0°	707-289	707-290	707-389	707-390
1st Bicuspids w/distal hook	White	L4	-17°	0°	707-289HK	707-290HK	707-389HK	707-390HK
2nd Bicuspids	Red	L5	-22°	0°	707-293	707-294	707-393	707-394
2nd Bicuspids w/distal hook	Red	L5	-22°	0°	707-293HK	707-294HK	707-393HK	707-394HK

Bracket images are not representative of actual size, or ratio to other brackets.

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

ELITE MINI-TWIN VERTICAL SLOT BRACKETS

Offering the same great benefits as the Elite Mini-Twin Bracket, with a vertical slot

- .018 x .018 vertical slot accepts rotation springs, power pins, and uprighting and torquing springs
- Low-profile design
- Metal Injection Molding (MIM) process
- Straight arch system compound/contour design with torque-in-face
- 80 gauge mesh bondable pad for exceptional strength
- Micro-etched base to maximize bond adhesion
- Available in Roth and Cetlin prescriptions
- Available in .018 and .022 slot sizes

Elite Mini-Twin Vertical Slot Brackets Auxiliaries

Rotation Springs

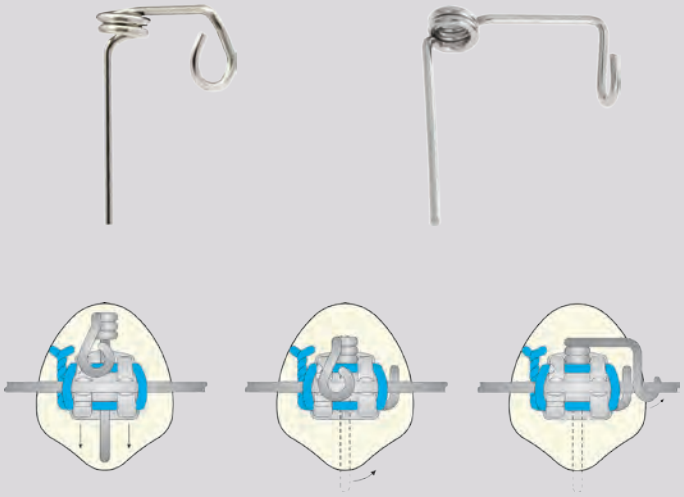
Short Counter-Clockwise

- 105-040 (10 per pack)

Short Clockwise

Short rotation springs are for use with lower anteriors.

- 105-041 (10 per pack)



Medium Counter-Clockwise

- 105-044 (10 per pack)

Medium Clockwise

Medium rotation springs are for use with all teeth, except lower anteriors.

- 105-045 (10 per pack)

ELITE MINI-TWIN VERTICAL SLOT BRACKETS AUXILIARIES

AUXILIARIES CONTINUED

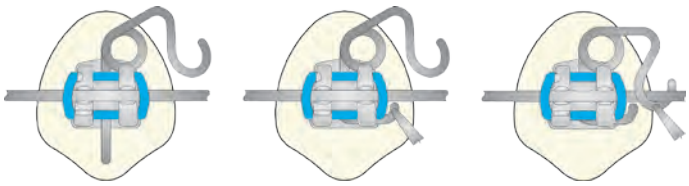
Uprighting Springs

Counter-Clockwise

- 105-050 (10 per pack)

Clockwise

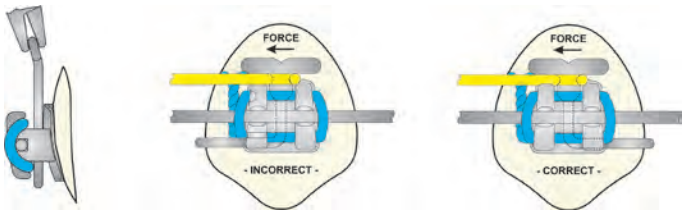
- 105-051 (10 per pack)



Power "T," Distalizing Pin

Featuring 15° labial inclination, Power "T" Pins can be used as lefts or rights. Stamped .018 stainless steel. (Bend tail of pin away from elastic force pull.)

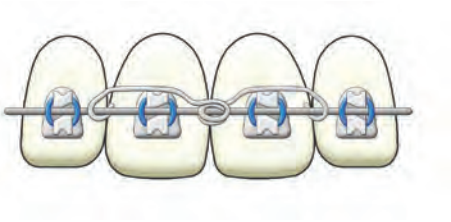
- 105-060 (50 per pack)



Anterior Torquing Spring

Generate more positive torque in the upper incisors. The device ends hook distally to each upper central bracket and the center (coil) circle is pressed into the archwire.

- 105-064 (5 per pack)



ELITE MINI-TWIN VERTICAL SLOT BRACKETS

ELITE MINI-TWIN VERTICAL SLOT BRACKETS
ALL SETS (5X5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	.018	.022
Roth	Set with hooks on 3's	1	20	706-895	706-896
	Set with hooks on 3's, quick pac	1	20	706-895Q	706-896Q
	Set with hooks on 3's	5	100	—	706-896-5
	Set with hooks on 3's	10	200	—	706-896-10
Cetlin	Set with hooks on 3's	1	20	706-897	706-898
	Set with hooks on 3's, quick pac	1	20	706-897Q	706-898Q

ELITE MINI-TWIN VERTICAL SLOT BRACKETS
ALL PRESCRIPTIONS*

	CENTRALS		LATERALS		CUSPIDS		1ST BICUSPIDS		2ND BICUSPIDS	
MAXILLARY	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.
Roth	+12°	+5°	+8°	+9°	0°	+7°	-7°	0°	-7°	0°
Cetlin	+12°	+5°	+8°	+9°	0°	+7°	-7°	0°	-7°	0°
MANDIBULAR										
Roth	0°	0°	0°	0°	-11°	+5°	-17°	0°	-22°	0°
Cetlin	0°	0°	0°	0°	-5°	+7°	-11°	0°	-17°	0°

ELITE MINI-TWIN VERTICAL SLOT BRACKETS
ALL PRESCRIPTIONS*

MAXILLARY		COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals		Black	U1	+12°	+5°	706-801	706-802	706-851	706-852
Laterals		Pink	U2	+8°	+9°	706-807	706-808	706-857	706-858
Cuspids w/distal hook		Green	U3	0°	+7°	706-817HK	706-818HK	706-867HK	706-868HK
		Green	U3	-2°	+7°	706-819HK	706-820HK	706-869HK	706-870HK
Bicuspids		Purple	U4&5's	0°	0°	706-831	706-832	706-881	706-882
		Purple	U4&5's	-7°	0°	706-833	706-834	706-883	706-884

Bracket images are not representative of actual size, or ratio to other brackets.

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ELITE MINI-TWIN VERTICAL SLOT BRACKETS

ELITE MINI-TWIN VERTICAL SLOT BRACKETS
ALL PRESCRIPTIONS*

MANDIBULAR	COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors	Yellow	L1&2's	0°	0°	706-813	706-814	706-863	706-864
Cuspids w/distal hook	Blue	L3	-5°	+7°	706-821HK	706-822HK	706-871HK	706-872HK
	Blue	L3	-11°	+5°	706-823HK	706-824HK	706-873HK	706-874HK
	Blue	L3	0°	+7°	706-825HK	706-826HK	706-875HK	706-876HK
1st & 2nd Bicuspids	White	L4&5's	-11°	0°	706-837	706-838	706-887	706-888
	White	L4&5's	-17°	0°	706-839	706-840	706-889	706-890
	Red	L4&5's	0°	0°	706-835	706-836	706-885	706-886
	Red	L4&5's	-22°	0°	706-841	706-842	706-891	706-892

ELITE MINI-TWIN VERTICAL SLOT BRACKETS
ROTH PRESCRIPTIONS*

MAXILLARY	COLOR-CODE	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+12°	+5°	706-801	706-802	706-851	706-852
Laterals	Pink	U2	+8°	+9°	706-807	706-808	706-857	706-858
Cuspids w/distal hook	Green	U3	0°	+7°	706-817HK	706-818HK	706-867HK	706-868HK
Bicuspids	Purple	U4&5's	-7°	0°	706-833	706-834	706-883	706-884
MANDIBULAR					**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors	Yellow	L1&2's	0°	0°	706-813	706-814	706-863	706-864
Cuspids w/distal hook	Blue	L3	-11°	+5°	706-823HK	706-824HK	706-873HK	706-874HK
1st & 2nd Bicuspids	White	L4	-17°	0°	706-839	706-840	706-889	706-890
	Red	L5	-22°	0°	706-841	706-842	706-891	706-892

Bracket images are not representative of actual size, or ratio to other brackets.

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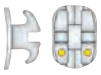
ELITE MINI-TWIN VERTICAL SLOT BRACKETS

ELITE MINI-TWIN VERTICAL SLOT BRACKETS
CETLIN PRESCRIPTIONS*

MAXILLARY		COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals		Black	U1	+12°	+5°	706-801	706-802	706-851	706-852
Laterals		Pink	U2	+8°	+9°	706-807	706-808	706-857	706-858
Cuspids w/distal hook		Green	U3	0°	+7°	706-817HK	706-818HK	706-867HK	706-868HK
Bicuspids		Purple	U4&5's	-7°	0°	706-833	706-834	706-883	706-884
MANDIBULAR						**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors		Yellow	L1&2's	0°	0°	706-813	706-814	706-863	706-864
Cuspids w/distal hook		Blue	L3	-5°	+7°	706-821HK	706-822HK	706-871HK	706-872HK
1st & 2nd Bicuspids		White	L4	-11°	0°	706-837	706-838	706-887	706-888
		White	L5	-17°	0°	706-839	706-840	706-889	706-890

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DELTA FORCE
Bracket System

Putting you in the driver's seat for ultimate control

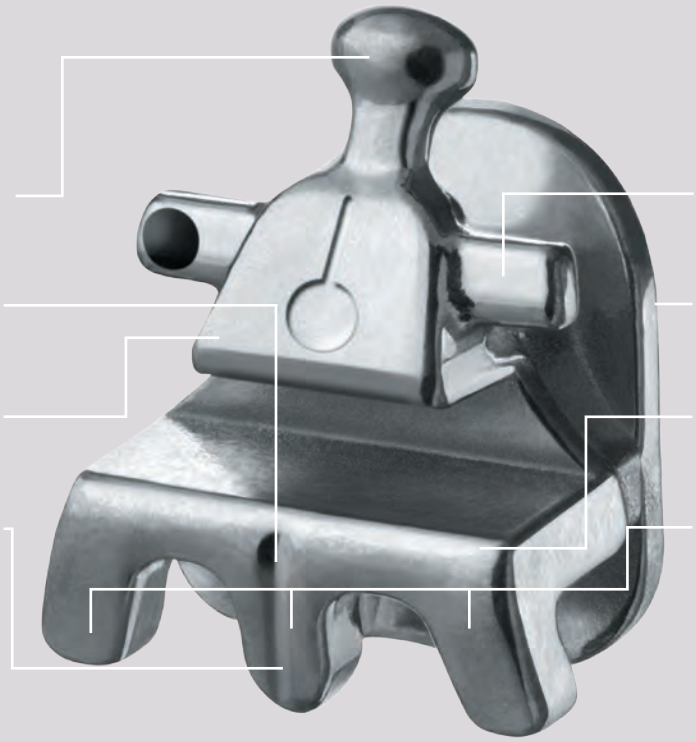
Quality Features Include

Smooth Radiused Ball Hook
To facilitate elastic placement

Centered Scribe Line
For accurate bracket placement

Single Gingival Ligature Post
Maximizes archwire expression

Center Post
For low friction mechanics



Extended Mesial and Distal Posts
To support ligature ties

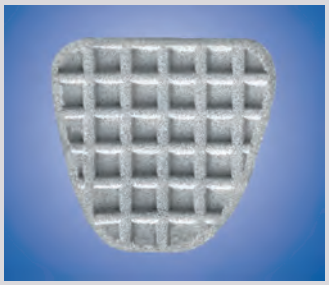
Micro-Etched *Grip-LOK* Mesh Base
Provides maximum retention

Beveled Slot
Enables easier archwire insertion

Triple Occlusal Tie Wing
For maximum rotational control

The *Delta Force* Bracket System allows you ultimate control:

- Incisor torque – Upper incisor brackets provide additional lingual root torque, while lower incisor brackets provide labial root torque. These adjustments assist in providing a full smile at the end of treatment
- One-piece metal injection molded bracket eliminates the bracket and pad separation
- *Nickel-Lite* Material for nickel sensitive patients
- Low profile for increased patient comfort and better oral hygiene
- Micro-etched *Grip-LOK* Base improves bond strength, thereby reducing bond failures
- Brackets sold individually or in patient sets for easier inventory control



Delta Force Bracket, *Grip-LOK* Base

DELTA FORCE BRACKET SYSTEM

VARIABLE FORCE ORTHODONTICS

The *Delta Force* Bracket System incorporates an advanced design that allows you to control the friction between the archwire, bracket, and ligatures. This bracket allows for variations in ligature placement while providing full control over the sliding mechanics and offering the ability to easily increase or decrease friction for better treatment planning and results.

Delta Force Brackets have unique features to achieve variable force ligation throughout the treatment stages.

Early in treatment: Light force can be attained for excellent sliding mechanics and low friction.

Intermediate stage of treatment: Medium force can be utilized for anchorage and stabilization, as well as initial torquing forces.

Final treatment stage: Maximum force can be attained to provide precise finishing and detailing of the occlusion.

A combined single/twin bracket, the *Delta Force* Bracket has a unitary body featuring a gingival ball hook, mesial-distal ligature post, as well as three occlusal tie wings, allowing greater inter bracket width. This configuration provides maximum archwire deflection for quick and easy ligation to irregular teeth. Plus, the triangular design gives the low friction advantages of a narrow bracket with the rotational control of a twin bracket. Variable ligation makes it possible to use a full rectangular wire earlier in treatment for torque control.

Enjoy the technical benefits of ligature placement and reduced archwire changes, while providing your patients more satisfaction. Plus, the low-profile design offers increased patient comfort and better oral hygiene.

Fig A

Minimum Force

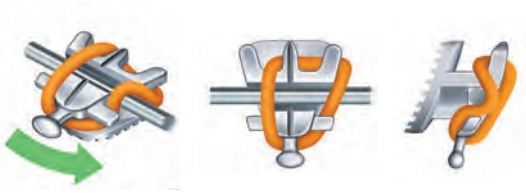
Start your treatment with passive ligation for minimum force. Rapid leveling and aligning can be attained as the ligation is configured to prevent the ligature from directly contacting the archwire. The free sliding mechanics created result in low friction and more patient comfort during this early phase of treatment (Figure A – minimum force).

Fig B

Medium Force

In the next stage, medium force is achieved through limited contact of the ligature and the archwire. This configuration uses a standard ligation, full tip, torque and rotational control through lightly seating a rectangular archwire (Figure B – medium force).

Fig C



Optional Step – Rotation Control and Force

If necessary, extra rotation can be created by ligating behind one tie wing on one side. Please note, rotation will occur towards the non-ligated wing (Figure C – rotation ligation).

Fig D

Maximum Force

You may finish your treatment with maximum force by locking the archwire in for full expression of the straight arch bracket. Tie the ligature to lock the archwire in the tip, torque, and rotational control
(Figure D – maximum force).

Fig E

Maximum + Force

If needed, for full expression of the straight arch bracket system, you can apply maximum + force, by placing an inverted V elastic ligation
(Figure E – maximum + force).

DELTA FORCE BRACKET – A CHANGE FOR THE BETTER

Fig 1

Archwire Deflection

The reduced mesial-distal width of the gingival ligature post on the unitary body allows the archwire to be easily flexed into the bracket slot, especially in severe malocclusion cases (Figure 1).

Accurate In-Out Alignment

Individual bracket thickness is designed into each *Delta Force* Bracket (labial-lingual) reducing the need for 1st order (in/out) wire bends.

Fig 1

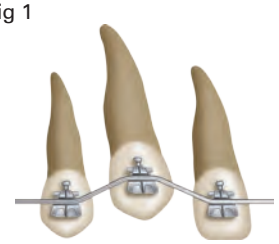


Fig 2

Torque in Base

Torque is incorporated into each bracket to provide you with ultimate precision and control. The brackets are also anatomically contoured (mesial-distal/occlusal-gingival) for an accurate fit of each individual tooth. In addition, the design promotes level slot line-up (Figure 2).

Torque Control

Torque in the mandibular bicuspid brackets and molar buccal tubes has been reduced to -12 degrees to reduce unwanted lingual dumping in the mandibular arch.

Fig 2

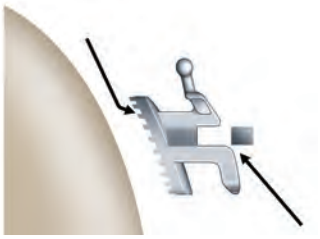


Fig 3

Rotational Control

The occlusal tie wings of the *Delta Force* Brackets are designed to be as wide as the tie wings on the *Elite Mini-Twin* Brackets to maximize rotational control (Figure 3).

Fig 3

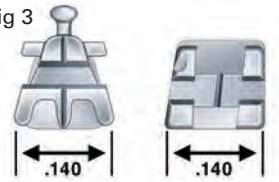


Fig 4

Reference Points

Each bracket has three reference points for fast and accurate placement. A center scribe line aligns with the long axis of the clinical crown. The archwire slot and occlusal base line up with the occlusal tooth surface (Figure 4).

Fig 4

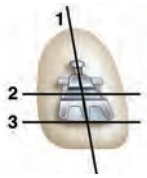


Fig 5

Power Hook

Nickel-Lite Cuspid Brackets with optional power hooks are available for increased efficiency in closing spaces and retracting anterior teeth (Figure 5).

Fig 5

Fig 6

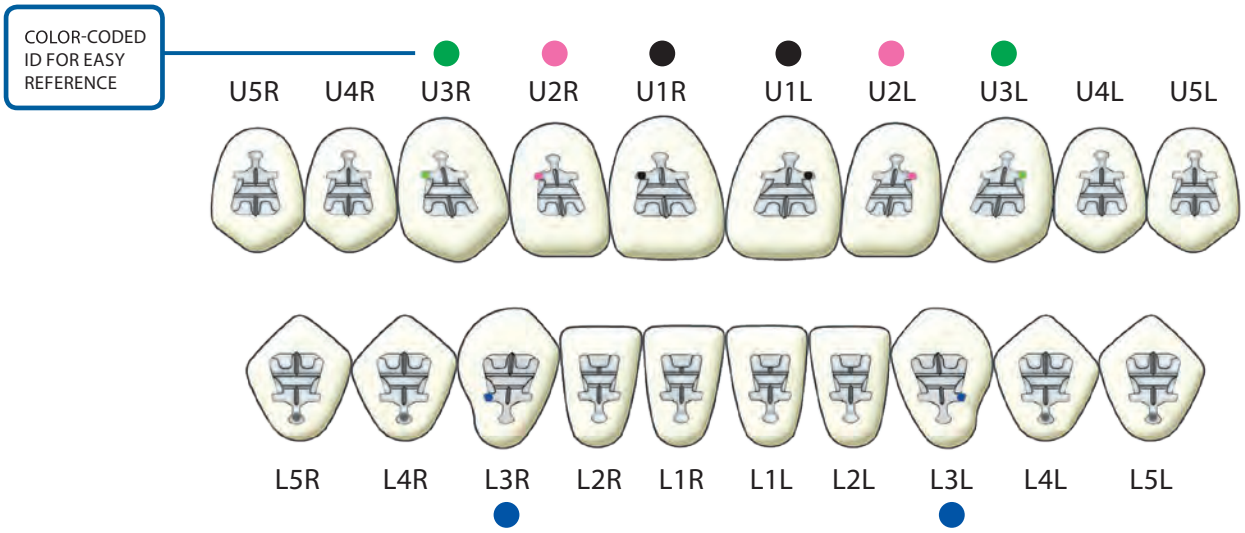
Aesthetics Line

Delta Force Brackets are also available in ceramic providing patients with a fully translucent, natural look. They are made from pure Polycrystalline, and crafted to resist breakage (Figure 6).

Fig 6

DELTA FORCE BRACKET SYSTEM

BRACKET IDENTIFICATION CHART



DELTA FORCE BRACKETS

ALL SETS (5X5)*

				Nickel-Lite Brackets	Ceramic Brackets
Rx	**OPTION**	**QTY OF SETS**	**TOTAL BRACKETS**	**.022**	**.022**
Delta Force	Set with standard hooks	1	20	702-949	—
	Sets with standard hooks	5	100	702-949-5	—
	Sets with standard hooks	10	200	702-949-10	—
	Set with standard hooks-quick pac	1	20	702-949Q	—
	Set with cuspid power hooks	1	20	702-949PH	—
	Set with cuspid power hooks-quick pac	1	20	702-949PHQ	—
	Set of ceramic	1	20	—	700-115
	Set of ceramic-quick pac	1	20	—	700-115Q

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DELTA FORCE BRACKET SYSTEM

DELTA FORCE BRACKETS*

					Nickel-Lite Brackets			Ceramic Brackets	
					ITEM NUMBERS			ITEM NUMBERS	
MAXILLARY	COLOR-CODE	TOOTH #	TORQUE	ANGULATION	.022 R	.022 L	CERAMIC COLOR-CODE	.022 R	.022 L
Centrals	Black	U1	+22°	+5°	702-901	702-902	Black	700-101	700-102
Laterals	Pink	U2	+14°	+10°	702-905	702-906	Pink	700-103	700-104
Cuspids	Green	U3	+5	+11°	702-909	702-910	Green	700-105	700-106
Power Hooks	Green	U3	+5°	+11°	702-909PH	702-910PH	—	—	—
Bicuspids	No Color-Code	U4&5's	-5°	0°	702-915	702-915	Purple	700-107	700-107
MANDIBULAR					.022 R	.022 L		.022 R	.022L
Anteriors	No Color-Code	L1&2's	-5°	0°	702-921	702-922	Yellow	700-108	700-108
Cuspids	Blue	L3	-5°	+5°	702-925	702-926	Blue	700-109	700-110
Power Hooks	Blue	L3	-5°	+5°	702-925PH	702-926PH	—	—	—
1st & 2nd Bicuspids	Recessed Dot on Hook	L4	-12°	0°	702-929	702-929	Red	700-111	700-111

RECOMMENDED ARCHWIRE SEQUENCE

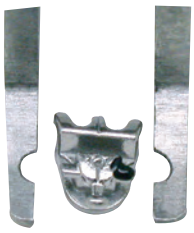
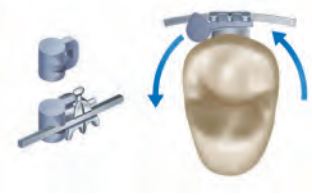
INITIAL	DIAMETER	UPPER	LOWER
Dimpled *Bio-Kinetix* Thermally Activated *Nitanium* Archwires (10/pk)	.014	100-852DM	100-853DM
INTERMEDIATE	**DIAMETER**	**UPPER**	**LOWER**
Dimpled *Bio-Kinetix* Thermally Activated *Nitanium Archwires* (10/pk)	.016 x .025	100-874DM	100-875DM
Variable Force 3™ Archwires (10/pk)	.020 x .020	104-974	104-975
FINISHING	**DIAMETER**	**UPPER**	**LOWER**
CNA Beta III *Pro Form* Archwires (5/pk)	.018 x .025	100-947	100-957
FOR EXTRA TORQUE (OPTIONAL)	**DIAMETER**	**UPPER**	**LOWER**
CNA Beta III *Pro Form* Archwires (5/pk)	.019 x .025	100-948	100-958
CNA Beta III *Pro Form* Archwires (5/pk)	.021 x .025	100-949	100-959

Bracket images are not representative of actual size, or ratio to other brackets.

*Upper bicuspids have no ID marking. Lower bicuspids have a recessed dot on the hook.

DELTA FORCE BRACKET SYSTEM

ANCILLARY PRODUCTS

ITEM	DESCRIPTION	CATALOG NO.
	**Delta Force Bracket Placing Tweezer/Slot Aligner** Designed to fit the unique shape of all *Delta Force* Brackets. A notch on each side of the tip captures the angles on the bracket body just under the occlusal tie wings. This holds the bracket securely, without shifting, or risk of popping out. Tweezer tips rest just above the base flange, providing a firm surface to push against while seating the bracket. This reverse action tweezer also has a narrowed tip that can be placed in the archwire slot for aligning and adjusting.	**200-322DF**
	**Rotation Wedges** • Specifically designed for use with the *Delta Force* Bracket System, the simple opening actually fits around the entire perimeter. The wedge portion provides the pressure to efficiently rotate the tooth • Available in silver and clear (50 per pack)	**400-302 • Silver** **400-303 • Clear**
	Maxi-Tie Ligatures • Larger than the standard ligature – gives extra space and flexibility with increased elasticity • Use when ligating for maximum + force with inverted V elastic ligation for full expression of the straight arch bracket system • Available in clear and silver • 10 ligatures per stick (10 sticks per pack)	**400-051 • Clear** **400-052 • Silver**
	Nitanium Closed Coil Springs These springs are manufactured from a super-elastic nickel titanium that is designed to open and close spaces with consistent and predictable results. *Nitanium* coil springs have an exclusive perpendicular loop design which is easy to engage and remove. **200 Grams of Force** .010 x .030 – 9 mm Closing Springs (6 per pack) .010 x .030 – 12 mm Closing Spring (6 per pack) **300 Grams of Force** .010 x .030 – 12 mm Closing Springs (4 per pack) .010 x .030 – 14 mm Closing Springs (4 per pack) .010 x .030 – 16 mm Closing Springs (4 per pack) .010 x .030 – 18 mm Closing Springs (4 per pack)	 **100-622** **100-623** **100-636** **100-637** **100-638** **100-639**

TIP-EDGE RX-1 BRACKETS

TIP-EDGE RX-1 BRACKETS ARE DESIGNED TO OFFER THE FOLLOWING:

- Three dimensional control with tip, torque, and in/out built into each bracket
- Recommended for use with rectangular archwires only
- Vertical slot for auxiliary springs
- Archwire slots have tipping surface to limit mesiodistal crown tipping, and upright surfaces to control final crown tip
- Comes with positioning jigs
- 80-gauge mesh bondable pad for exceptional strength
- Available in .022 slot size

TIP-EDGE RX-1 BRACKETS
ALL SETS (5X5)*

OPTION	QTY OF SETS	TOTAL BRACKETS	.022
Non-Extraction Set	1	20	705-950

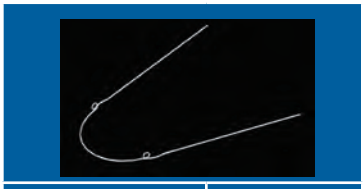
MAXILLARY	TOOTH #	TORQUE	ANGULATION	ITEM NUMBERS .022 R	ITEM NUMBERS .022 L
Centrals	U1	+12°	+5°	705-951	705-952
Laterals	U2	+8°	+9°	705-955	705-956
Cuspids	U3	-4°	+11°	705-967	705-968
Bicuspids	U4&5's	-7°	0°	705-971	705-972
MANDIBULAR				**.022 R**	**.022 L**
Anteriors	L1&2's	-1°	+2°	705-961	705-962
Cuspids	L3	-11°	+5°	705-969	705-970
1st & 2nd Bicuspids	L4&5's	-20°	0°	705-973	705-974

Bracket images are not representative of actual size, or ratio to other brackets.

For 1st Bicuspid extractions case, simply reverse 2nd Bicuspid brackets left and right.

*TIP-EDGE is a registered trademark of TP Orthodontics. Licensed under U.S. Patents 5,125,832 and 4,877,398

TIP-EDGE RX-1 ARCHWIRES/AUXILIARIES



mm*	.016
	5/pack
Kit	107-151
22 mm	107-146
24 mm	107-147
26 mm	107-148
28 mm	107-149
30 mm	107-152
32 mm	107-153
34 mm	107-154
36 mm	107-155
38 mm	107-156
40 mm	107-157
42 mm	107-158
44 mm	107-159

V-Looped Archwires with Cuspid Offset

The V-Looped Archwire is made from high tensile stainless steel plus wire with similar properties to our Australian wire. The V-Looped is an excellent choice for opening bites, space closure, retraction, and elastic engagement.

Kit Includes:

- 1 Rack (# 120-000)
- 1 Rack Cover (# 120-006MC)
- 1 White Flexible Ruler (# 120-022)
- 2 of Each Wire From Size 22 mm to 44 mm (24 Wires)

* Millimeter size is an inside measurement around arch form between loops.

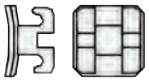
RECOMMENDED AUXILIARIES

	DESCRIPTION	ITEM NOs.
	Rotation Springs Short rotation springs are for use with lower anteriors. Short Counter-Clockwise (10 per pack) Short Clockwise (10 per pack)	 **105-040** **105-041**
	Rotation Springs Medium rotation springs are for use with all teeth, except lower anteriors. Medium Counter-Clockwise (10 per pack) Medium Clockwise (10 per pack)	 **105-044** **105-045**
	Uprighting Springs Counter-Clockwise (10 per pack) Clockwise (10 per pack)	 **105-050** **105-051**
	Power "T" Pins Distalizing Pin: Featuring 15° labial inclination, Power "T" Pins can be used as lefts or rights. Stamped .018 Stanless Steel. (Bend tail of pin away from elastic force pull.) (50 per pack)	**105-060**
	Anterior Torquing Spring Generates more positive torque in the upper incisors. The device ends hook distally to each upper central bracket and the center (coil) circle is pressed into the archwire. (5 per pack)	**105-064**

EDGEWISE MINI ELITE OPTI-MIM NICKEL-LITE BRACKETS
ALL SETS (5X5)*

OPTION	QTY OF SETS	TOTAL BRACKETS	ITEM NUMBERS	
			.018	.022
Mini Edgewise Set	1	20	702-008NL	702-018NL
Quick Pac	1	20	702-008NLQ	702-018NLQ

EDGEWISE MINI ELITE OPTI-MIM NICKEL-LITE BRACKETS
ALL PRESCRIPTIONS*

MAXILLARY		TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018	ITEM NUMBERS .022
Centrals		U1	0°	0°	702-001NL	702-011NL
Laterals		U2	0°	0°	702-002NL	702-012NL
Cuspids		U3	0°	0°	702-003NL	702-013NL
Bicuspids		U4&5's	0°	0°	702-005NL	702-015NL
MANDIBULAR					**.022 R**	**.022 L**
Anteriors		L1&2's	0°	0°	702-004NL	702-014NL
Cuspids		L3	0°	0°	702-003NL	702-013NL
Bicuspids		L4&5's	0°	0°	702-005NL	702-015NL

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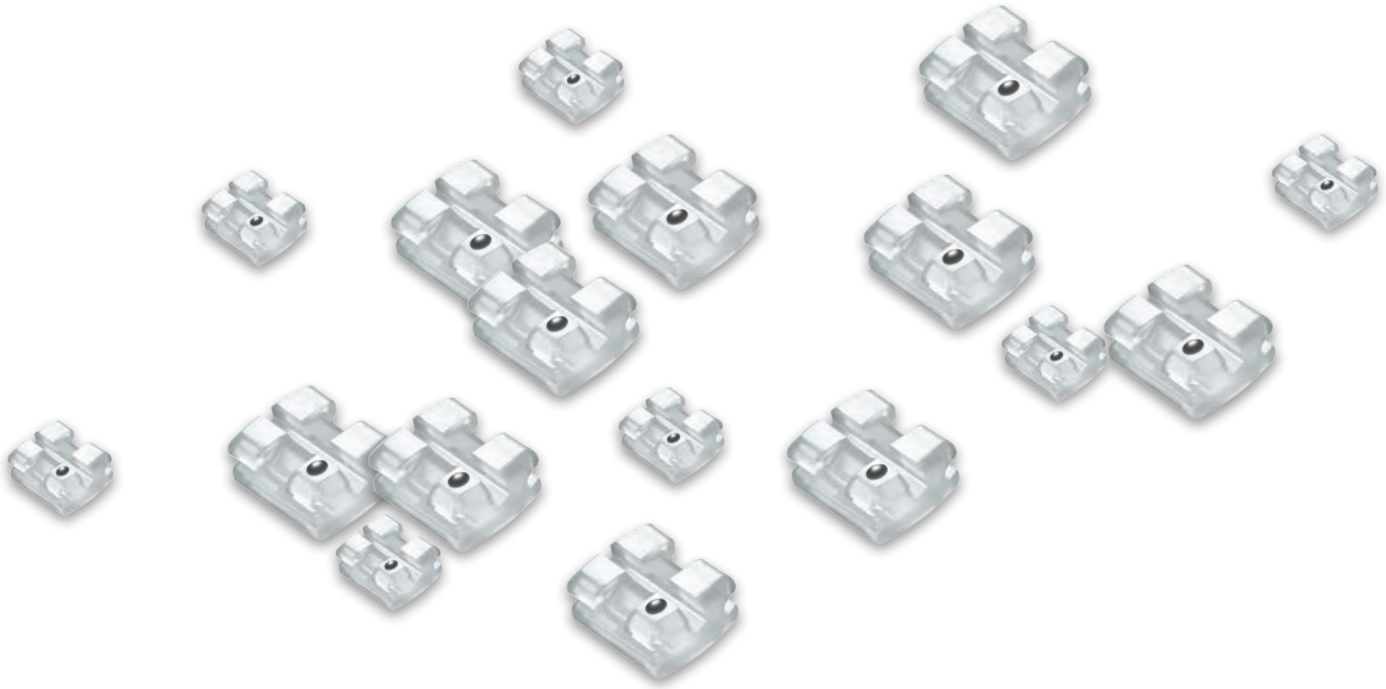
AESTHETIC BRACKETS | C



NeoCrystal Sapphire C-2
Ceramic Bracket System

NeoLucent Plus C-12
Ceramic Bracket System

Illusion Plus™ C-19
Ceramic Bracket System

Illusion Plus C-26
Silver Slot Ceramic Brackets

Envision™ C-30
Composite Bracket System

Delta Force C-35
Ceramic Bracket System

Edgewise C-36
Composite Bracket System

NEOCRYSTAL SAPPHIRE CERAMIC BRACKET SYSTEM

THE "CRYSTAL" CLEAR ADVANTAGE

Manufactured from pure monocrystalline material, the *NeoCrystal* Sapphire Ceramic Bracket is the clear aesthetic choice for your practice. *NeoCrystal* Brackets are developed from a single crystal sapphire, one of the hardest and clearest materials found in nature. Once machined out of the crystal, the brackets are then annealed for strength and heat polished to perfect any microscopic flaws. The result is an unmatched aesthetic bracket that allows the natural tooth tone to show through, regardless of shade, for a virtually invisible appearance. Featuring our proprietary *Crunch COAT*™ Base and anatomically contoured base radii, the *NeoCrystal* Bracket provides the exceptional performance you demand.

Unmatched Aesthetics

- **Pure monocrystalline material** for a transparent, natural appearance
- **Stain resistant** throughout treatment

Designed for Patient Comfort

- **Heat polished** for a remarkably smooth surface
- **Low profile**
- **Rounded corners**
- **Single hook** offers a less bulky feel than universal hooks

Enhanced Performance

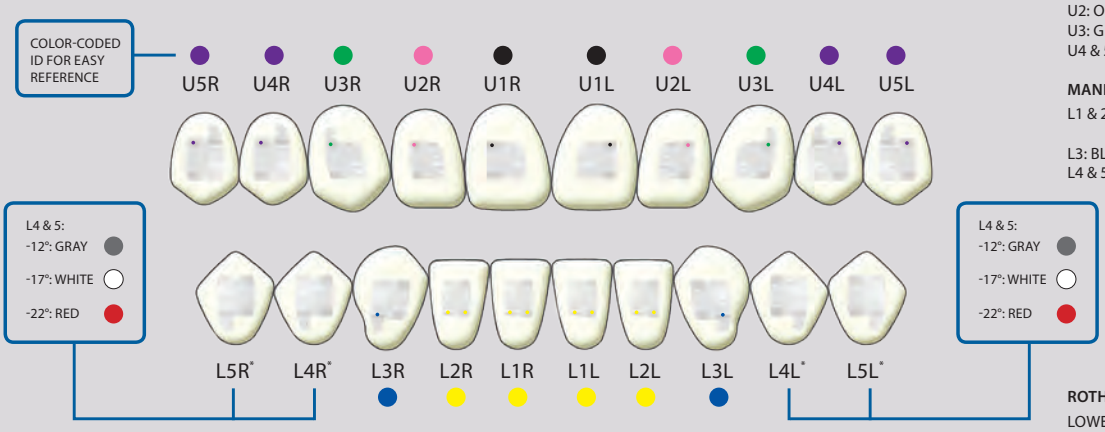
- **Heat treated** for increased strength
- **Reduced friction** offers sliding mechanics comparable to metal brackets
- **Non-allergenic** for sensitive patients
- **Anatomically contoured base** for quick and easy bracket placement
- **Removable color-code ID mark** to ensure accurate placement

NEOCRYSTAL SAPPHIRE CERAMIC BRACKET SYSTEM

Maestro Brackets, NeoCrystal® Sapphire Ceramic Bracket System and *NeoLucent*® *Plus*™ Bracket System are designed for interchangeability

For aesthetic anterior and metal posterior bracketing

BRACKET IDENTIFICATION CHART



MAXILLARY

U1: BLACK - DISTAL-GINGIVAL TIE WING
U2: ORANGE - DISTAL-GINGIVAL TIE WING
U3: GREEN - DISTAL-GINGIVAL TIE WING
U4 & 5: PURPLE - DISTAL-GINGIVAL TIE WING

MANDIBULAR

L1 & 2: YELLOW - GINGIVAL
TIE WINGS = UNIVERSAL
L3: BLUE - DISTAL-GINGIVAL TIE WING
L4 & 5: SEE ABOVE

ROTH

LOWER 4'S: WHITE
LOWER 5'S: RED

MCLAUGHLIN, BENNETT, AND TREVISI

LOWER 4'S: GRAY
LOWER 5'S: WHITE

OPTIONS FOR METAL/AESTHETIC BRACKET KITS

All kits U/L 5x5 (3x3 aesthetic brackets with metal brackets on 4's and 5's. Hooks on 3's, 4's, and 5's)*

	NEOCRYSTAL/MAESTRO KITS	
RX	**.018**	**.022**
Roth	714-296-NM	714-396-NM
McLaughlin, Bennett, & Trevisi	714-296MC-NM	714-396MC-NM
McLaughlin, Bennett, & Trevisi (0 torque on 3's)	714-096MC-NM	714-196MC-NM

NEOCRYSTAL SAPPHIRE CERAMIC BRACKET SYSTEM

NEOCRYSTAL SAPPHIRE CERAMIC BRACKETS*
ALL SETS*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	ITEM NUMBERS	
				.018	.022
Roth	U/L 5x5 kit with hooks on 3's	1	20	714-298	714-398
	U/L 5x5 kit with hooks on 3's, quick pac	1	20	714-298Q	714-398Q
	U/L 5x5 kit with hooks on 3's	5	100	714-298-5	714-398-5
	U/L 5x5 kit with hooks on 3's	10	200	714-298-10	714-398-10
	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	714-299	714-399
	U/L 5x5 kit with hooks on 3's, 4's, 5's, quick pac	1	20	714-299Q	714-399Q
	U/L 5x5 kit with hooks on 3's, 4's, 5's	5	100	714-299-5	714-399-5
	U/L 5x5 kit with hooks on 3's, 4's, 5's	10	200	714-299-10	714-399-10
	U 5x5 kit with hooks on 3's	1	10	714-298U	714-398U
	U 5x5 kit with hooks on 3's, quick pac	1	10	714-298UQ	714-398UQ
	U 5x5 kit with hooks on 3's, 4's, 5's	1	10	714-299U	714-399U
	U 5x5 kit with hooks on 3's, 4's, 5's, quick pac	1	10	714-299UQ	714-399UQ
	U/L 3x3 kit with hooks on 3's	1	12	714-296	714-396
	U/L 3x3 kit with hooks on 3's, quick pac	1	12	714-296Q	714-396Q
	U 3x3 kit with hooks on 3's	1	6	714-296U	714-396U
	U 3x3 kit with hooks on 3's, quick pac	1	6	714-296UQ	714-396UQ
McLaughlin, Bennett, and Trevisi	U/L 5x5 kit with hooks on 3's	1	20	714-298MC	714-398MC
	U/L 5x5 kit with hooks on 3's, quick pac	1	20	714-298MCQ	714-398MCQ
	U/L 5x5 kit with hooks on 3's	5	100	714-298MC-5	714-398MC-5
	U/L 5x5 kit with hooks on 3's	10	200	714-298MC-10	714-398MC-10
	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	714-299MC	714-399MC
	U/L 5x5 kit with hooks on 3's, 4's, 5's, quick pac	1	20	714-299MCQ	714-399MCQ
	U/L 5x5 kit with hooks on 3's, 4's, 5's	5	100	714-299MC-5	714-399MC-5
	U/L 5x5 kit with hooks on 3's, 4's, 5's	10	200	714-299MC-10	714-399MC-10
	U 5x5 kit with hooks on 3's	1	10	714-298MCU	714-398MCU
	U 5x5 kit with hooks on 3's, quick pac	1	10	714-298MCUQ	714-398MCUQ
	U 5x5 kit with hooks on 3's, 4's, 5's	1	10	714-299MCU	714-399MCU
	U 5x5 kit with hooks on 3's, 4's, 5's, quick pac	1	10	714-299MCUQ	714-399MCUQ
	U/L 3x3 kit with hooks on 3's	1	12	714-296MC	714-396MC
	U/L 3x3 kit with hooks on 3's, quick pac	1	12	714-296MCQ	714-396MCQ
	U 3x3 kit with hooks on 3's	1	6	714-296MCU	714-396MCU
	U 3x3 kit with hooks on 3's, quick pac	1	6	714-296MCUQ	714-396MCUQ

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NEOCRYSTAL SAPPHIRE CERAMIC BRACKET SYSTEM

NEOCRYSTAL SAPPHIRE CERAMIC BRACKETS
ALL SETS*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	ITEM NUMBERS	
				.018	.022
McLaughlin, Bennett, and Trevisi (O°Torque 3's)	U/L 5x5 kit with hooks on 3's	1	20	714-098MC	714-198MC
	U/L 5x5 kit with hooks on 3's, quick pac	1	20	714-098MCQ	714-198MCQ
	U/L 5x5 kit with hooks on 3's	5	100	714-098MC-5	714-198MC-5
	U/L 5x5 kit with hooks on 3's	10	200	714-098MC-10	714-198MC-10
	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	714-099MC	714-199MC
	U/L 5x5 kit with hooks on 3's, 4's, 5's, quick pac	1	20	714-099MCQ	714-199MCQ
	U/L 5x5 kit with hooks on 3's, 4's, 5's	5	100	714-099MC-5	714-199MC-5
	U/L 5x5 kit with hooks on 3's, 4's, 5's	10	200	714-099MC-10	714-199MC-10
	U 5x5 kit with hooks on 3's	1	10	714-098MCU	714-198MCU
	U 5x5 kit with hooks on 3's, quick pac	1	10	714-098MCUQ	714-198MCUQ
	U 5x5 kit with hooks on 3's, 4's, 5's	1	10	714-099MCU	714-199MCU
	U 5x5 kit with hooks on 3's, 4's, 5's, quick pac	1	10	714-099MCUQ	714-199MCUQ
	U/L 3x3 kit with hooks on 3's	1	12	714-096MC	714-196MC
	U/L 3x3 kit with hooks on 3's, quick pac	1	12	714-096MCQ	714-196MCQ
	U 3x3 kit with hooks on 3's	1	6	714-096MCU	714-196MCU
	U 3x3 kit with hooks on 3's, quick pac	1	6	714-096MCUQ	714-196MCUQ

NEOCRYSTAL SAPPHIRE CERAMIC BRACKETS
SUMMARY TABLE – ALL PRESCRIPTIONS*

	CENTRALS			LATERALS			CUSPIDS			1ST BICUSPIDS			2ND BICUSPIDS		
MAXILLARY	TORQUE	ANG.	ANTI-ROTATION	TORQUE	ANG.	ANTI-ROTATION	TORQUE	ANG.	ANTI-ROTATION	TORQUE	ANG.	ANTI-ROTATION	TORQUE	ANG.	ANTI-ROTATION
Roth	+12	+5	0	+8	+9	0	-2	+13	+4M	-7	0	+2D	-7	0	+2D
McLaughlin, Bennett, and Trevisi	+17	+4	0	+10	+8	0	-7	+8	0	-7	0	0	-7	0	0
McLaughlin, Bennett, and Trevisi (0°Torque)	+17	+4	0	+10	+8	0	0	+8	0	-7	0	0	-7	0	0
MANDIBULAR															
Roth	-1	0	0	-1	0	0	-11	+7	+2M	-17	0	+4D	-22	0	+4D
McLaughlin, Bennett, and Trevisi	-6	0	0	-6	0	0	-6	+3	0	-12	+2	0	-17	+2	0
McLaughlin, Bennett, and Trevisi (0°Torque)	-6	0	0	-6	0	0	0	+3	0	-12	+2	0	-17	+2	0

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NEOCRYSTAL SAPPHIRE CERAMIC BRACKET SYSTEM

NEOCRYSTAL SAPPHIRE CERAMIC BRACKETS*
ALL PRESCRIPTIONS*

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	–	Black	U1	+12°	+5°	0°	714-203	714-204	714-303	714-304
	–	Black	U1	+17°	+4°	0°	714-205	714-206	714-305	714-306
Laterals	–	Pink	U2	+8°	+9°	0°	714-221	714-222	714-321	714-322
	–	Pink	U2	+10°	+8°	0°	714-223	714-224	714-323	714-324
Cuspids	Hook	Green	U3	-2°	+13°	4°M	714-251HK	714-252HK	714-351HK	714-352HK
	Hook	Green	U3	-7°	+8°	0°	714-255HK	714-256HK	714-355HK	714-356HK
	Hook	Green	U3	0°	+8°	0°	714-055HK	714-056HK	714-155HK	714-156HK
Bicuspids	–	Purple	U4&5's	-7°	0°	2°D	714-259	714-260	714-359	714-360
	–	Purple	U4&5's	-7°	0°	0°	714-257	714-258	714-357	714-358
	Hook	Purple	U4&5's	-7°	0°	2°D	714-259HK	714-260HK	714-359HK	714-360HK
	Hook	Purple	U4&5's	-7°	0°	0°	714-257HK	714-258HK	714-357HK	714-358HK

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NEOCRYSTAL SAPPHIRE CERAMIC BRACKET SYSTEM

NEOCRYSTAL SAPPHIRE CERAMIC BRACKETS*
ALL PRESCRIPTIONS*

MANDIBULAR	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors	–	Yellow	L1&2's	-1°	0°	0°	714-233	714-233	714-333	714-333
	–	Yellow	L1&2's	-6°	0°	0°	714-235	714-235	714-335	714-335
Cuspids	Hook	Blue	L3	-11°	+7°	2°M	714-269HK	714-270HK	714-369HK	714-370HK
	Hook	Blue	L3	-6°	+3°	0°	714-271HK	714-272HK	714-371HK	714-372HK
	Hook	Blue	L3	0°	+3°	0°	714-071HK	714-072HK	714-171HK	714-172HK
1st Bicuspids	–	White	L4	-17°	0°	4°D	714-289	714-290	714-389	714-390
	–	Gray	L4	-12°	2°	0°	714-287	714-288	714-387	714-388
	Hook	White	L4	-17°	0°	4°D	714-289HK	714-290HK	714-389HK	714-390HK
	Hook	Gray	L4	-12°	2°	0°	714-287HK	714-288HK	714-387HK	714-388HK
2nd Bicuspids	–	Red	L5	-22°	0°	4°D	714-293	714-294	714-393	714-394
	–	White	L5	-17°	2°	0°	714-291	714-292	714-391	714-392
	Hook	Red	L5	-22°	0°	4°D	714-293HK	714-294HK	714-393HK	714-394HK
	Hook	White	L5	-17°	2°	0°	714-291HK	714-292HK	714-391HK	714-392HK

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NEOCRYSTAL SAPPHIRE CERAMIC BRACKET SYSTEM

NEOCRYSTAL SAPPHIRE CERAMIC BRACKETS*

ROTH PRESCRIPTIONS*

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	–	Black	U1	+12°	+5°	0°	714-203	714-204	714-303	714-304
Laterals	–	Pink	U2	+8°	+9°	0°	714-221	714-222	714-321	714-322
Cuspids	Hook	Green	U3	-2°	+13°	4°M	714-251HK	714-252HK	714-351HK	714-352HK
Bicuspids	–	Purple	U4&5's	-7°	0°	2°D	714-259	714-260	714-359	714-360
	Hook	Purple	U4&5's	-7°	0°	2°D	714-259HK	714-260HK	714-359HK	714-360HK

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NEOCRYSTAL SAPPHIRE CERAMIC BRACKET SYSTEM

NEOCRYSTAL SAPPHIRE CERAMIC BRACKETS
ROTH PRESCRIPTIONS*

MANDIBULAR	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors	–	Yellow	L1&2's	-1°	0°	0°	714-233	714-233	714-333	714-333
Cuspids	Hook	Blue	L3	-11°	+7°	2°M	714-269HK	714-270HK	714-369HK	714-370HK
1st Bicuspids	–	White	L4	-17°	0°	4°D	714-289	714-290	714-389	714-390
	Hook	White	L4	-17°	0°	4°D	714-289HK	714-290HK	714-389HK	714-390HK
2nd Bicuspids	–	Red	L5	-22°	0°	4°D	714-293	714-294	714-393	714-394
	Hook	Red	L5	-22°	0°	4°D	714-293HK	714-294HK	714-393HK	714-394HK

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NEOCRYSTAL SAPPHIRE CERAMIC BRACKET SYSTEM

NEOCRYSTAL SAPPHIRE CERAMIC BRACKETS*
MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	–	Black	U1	+17°	+4°	0°	714-205	714-206	714-305	714-306
Laterals	–	Pink	U2	+10°	+8°	0°	714-223	714-224	714-323	714-324
Cuspids	Hook	Green	U3	-7°	+8°	0°	714-255HK	714-256HK	714-355HK	714-356HK
	Hook	Green	U3	0°	+8°	0°	714-055HK	714-056HK	714-155HK	714-156HK
Bicuspids	–	Purple	U4&5's	-7°	0°	0°	714-257	714-258	714-357	714-358
	Hook	Purple	U4&5's	-7°	0°	0°	714-257HK	714-258HK	714-357HK	714-358HK

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NEOCRYSTAL SAPPHIRE CERAMIC BRACKET SYSTEM

NEOCRYSTAL SAPPHIRE CERAMIC BRACKETS*
MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

MANDIBULAR	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors	–	Yellow	L1&2's	-6°	0°	0°	714-235	714-235	714-335	714-335
Cuspids	Hook	Blue	L3	-6°	+3°	0°	714-271HK	714-272HK	714-371HK	714-372HK
	Hook	Blue	L3	0°	+3°	0°	714-071HK	714-072HK	714-171HK	714-172HK
1st Bicuspids	–	Gray	L4	-12°	2°	0°	714-287	714-288	714-387	714-388
	Hook	Gray	L4	-12°	2°	0°	714-287HK	714-288HK	714-387HK	714-388HK
2nd Bicuspids	–	White	L5	-17°	2°	0°	714-291	714-292	714-391	714-392
	Hook	White	L5	-17°	2°	0°	714-291HK	714-292HK	714-391HK	714-392HK

NEOCRYSTAL SAPPHIRE CERAMIC BRACKETS
PATIENT SUPPLIES

NEOCRYSTAL 15X BRACKET	ITEM NUMBER
Demo Model - *NeoCrystal* 15X Bracket	631-714X

NEOCRYSTAL TYPODONT	ITEM NUMBER
Typodont – *NeoCrystal* (6x6) Brackets	631-714

NEOCRYSTAL LITERATURE	ITEM NUMBER
NeoCrystal Patient Education Brochure	999-274

Bracket images are not representative of actual size, or ratio to other brackets.

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NEOLUCENT PLUS
Ceramic Bracket System

The *NeoLucent Plus* Low-Profile Ceramic Bracket System delivers superb aesthetics by blending with the natural tooth tone for a virtually invisible appearance. With improved performance due to a *Crunch COAT*™ Base, more anatomically contoured base radii, and improved materials for a smoother finish and color consistency, *NeoLucent Plus* Ceramic Brackets provide the definitive performance you demand.

A U.S. manufacturer, we are dedicated to providing world class products and solutions to meet your every orthodontic need. As a full-service partner, we offer the tools to help expand your practice and diversify treatment options. So when your patients desire a cosmetic alternative, we have the right choice for you, and them.

Patient Satisfaction

Invisible Appearance –
Crafted to the highest aesthetic standards

- Translucent, natural appearance from 99.9% pure polycrystalline Alumina
- Stain resistant throughout treatment

Comfort –
Designed with your patient's comfort in mind

- Low profile
- Smooth, polished surface
- Rounded corners

Clinical Performance

Accurate placement achieved with an easily removable color-coded ID mark

Strong bonding and predictable debonding with the ***Crunch COAT* Base**

Easy ligation with ample tie wing clearance

Superior Sliding Mechanics via a precision-cut archwire slot

Breakage Resistant

Non-allergenic for sensitive patients as brackets do not contain nickel, chromium, or other metals

Routine Protocol with no special instruments or adhesives required

NEOLUCENT PLUS CERAMIC BRACKET SYSTEM

What's in the Plus?

Ortho Organizers' Proprietary *Crunch COAT* Base

Bond Strength Comparable to Mesh Pad

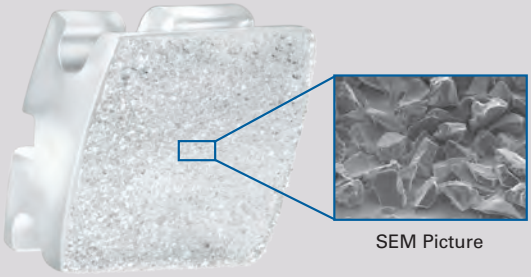
Fine alumina particles bonded to the bracket base provide large area for adhesive to bond

Consistent Debonding

Because debonding occurs near the *Crunch COAT* adhesive interface, there is minimal distress to the enamel surface

Compatible with *Maestro* Low-Profile Bracket System

For aesthetic anterior and metal posterior bracketing



SEM Picture

NeoLucent Plus Bracket

Maestro Bracket

NeoCrystal Bracket

Aesthetic Archwire Options

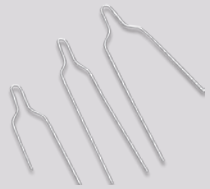
To ensure excellence in every one of your cases, we offer an extensive line of aesthetic auxiliaries compatible with the *NeoLucent Plus* Ceramic Bracket System.

Tooth Tone Plastic-Coated Archwires
Stain and crack resistant, this archwire features a tooth-colored coating that blends with natural dentition and reduces friction.

See pages G-19 - G-20

White Micro-Coated *Bio-Kinetix*® *Nitanium*® Archwires
The labial side of the wire is coated in bright white to enhance aesthetics, without affecting wire dimensions

See pages G-19 - G-20



Pearl Tone Preformed Ligature Wires
Available in a white/pearl hue, this ligature wire features a super smooth, nonstick coating.

See pages G-19 - G-20

Ligatures
Ligatures for individual patient use, avoiding cross-contamination. We offer an array of color options that blend with the bracket and dentition. Available in clear, white, tooth tone, glow natural, and pearl.

See pages 66-67

Chain Elastic
Made from super-elastic long lasting material, these ligatures deliver gentle, continuous force for more predictable tooth movement. Multiple colors to choose from: clear, white, tooth tone, glow natural, and pearl.

See page H-6

NEOLUCENT PLUS CERAMIC BRACKET SYSTEM

NEOLUCENT PLUS CERAMIC BRACKETS
ALL SETS*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	ITEM NUMBERS	
				.018	.022
Roth	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	704-299	704-399
	U/L 5x5 kit with hooks on 3's, 4's, 5's, quick pac	1	20	704-299Q	704-399Q
	U/L 5x5 kit with hooks on 3's, 4's, 5's	5	100	704-299-5	704-399-5
	U/L 5x5 kit with hooks on 3's, 4's, 5's	10	200	704-299-10	704-399-10
	U 5x5 kit with hooks on 3's, 4's, 5's	1	10	704-299U	704-399U
	U/L 3x3 kit with hooks on 3's	1	12	704-296	704-396
	U 3x3 kit with hooks on 3's	1	6	704-296U	704-396U
McLaughlin, Bennett, and Trevisi	U/L 5x5 kit with hooks on 3's, 4's, 5's	1	20	704-299MC	704-399MC
	U/L 5x5 kit with hooks on 3's, 4's, 5's, quick pac	1	20	704-299MCQ	704-399MCQ
	U/L 5x5 kit with hooks on 3's, 4's, 5's	5	100	704-299MC-5	704-399MC-5
	U/L 5x5 kit with hooks on 3's, 4's, 5's	10	200	704-299MC-10	704-399MC-10
	U 5x5 kit with hooks on 3's, 4's, 5's	1	10	704-299MCU	704-399MCU
	U/L 3x3 kit with hooks on 3's	1	12	704-296MC	704-396MC
	U 3x3 kit with hooks on 3's	1	6	704-296MCU	704-396MCU

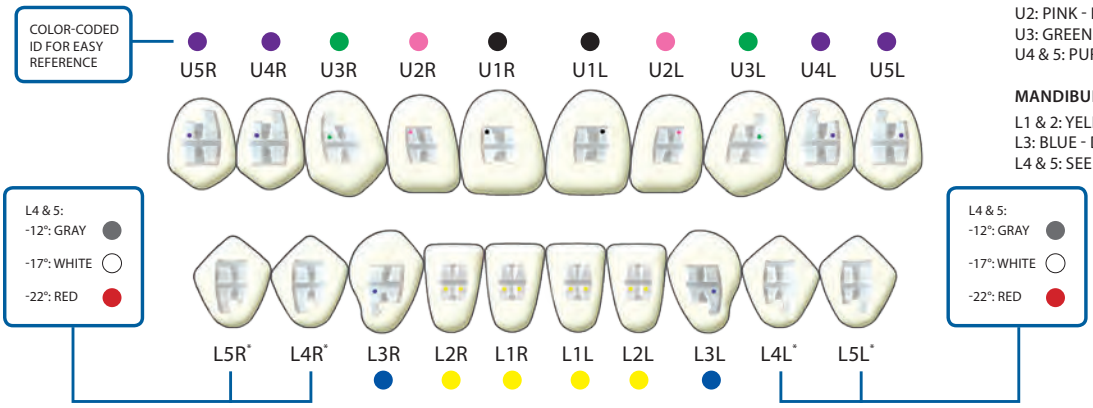
NEOLUCENT PLUS CERAMIC BRACKETS*
ALL PRESCRIPTIONS*

MAXILLARY	CENTRALS		ANTI-ROTATION	LATERALS		ANTI-ROTATION	CUSPIDS		ANTI-ROTATION	1ST BICUSPIDS		ANTI-ROTATION	2ND BICUSPIDS		ANTI-ROTATION
	TORQUE	ANG.		TORQUE	ANG.		TORQUE	ANG.		TORQUE	ANG.		TORQUE	ANG.	
Roth	+12°	+5°	0°	+8°	+9°	0°	-2°	+13°	4°M	-7°	0°	2°D	-7°	0°	2°D
McLaughlin, Bennett, and Trevisi	+17°	+4°	0°	+10°	+8°	0°	-7°	+8°	0°	-7°	0°	0°	-7°	0°	0°
MANDIBULAR															
Roth	-1°	0°	0°	-1°	0°	0°	-11°	+7°	2°M	-17°	0°	4°D	-22°	0°	4°D
McLaughlin, Bennett, and Trevisi	-6°	0°	0°	-6°	0°	0°	-6°	+3°	0°	-12°	2°	0°	-17°	2°	0°

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

NEOLUCENT PLUS CERAMIC BRACKET SYSTEM

BRACKET IDENTIFICATION CHART



MAXILLARY

U1: BLACK - DISTAL-GINGIVAL TIE WING
U2: PINK - DISTAL-GINGIVAL TIE WING
U3: GREEN - DISTAL-GINGIVAL TIE WING
U4 & 5: PURPLE - DISTAL-GINGIVAL TIE WING

MANDIBULAR

L1 & 2: YELLOW - GINGIVAL TIE WINGS = UNIVERSAL
L3: BLUE - DISTAL-GINGIVAL TIE WING
L4 & 5: SEE ABOVE

ROTH

LOWER 4'S: WHITE
LOWER 5'S: RED

MCLAUGHLIN, BENNETT AND TREVISI

LOWER 4'S: GRAY
LOWER 5'S: WHITE

OPTIONS FOR METAL/AESTHETIC BRACKET KITS

All kits U/L 5x5 (3x3 aesthetic brackets with metal brackets on 4's and 5's. Hooks on 3's, 4's, and 5's)*

RX	NEOLUCENT PLUS/MAESTRO KITS	
	.018	.022
Roth	704-296-NM	704-396-NM
McLaughlin, Bennett, & Trevisi	704-296MC-NM	704-396MC-NM

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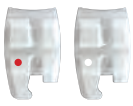
NEOLUCENT PLUS CERAMIC BRACKET SYSTEM

NEOLUCENT PLUS CERAMIC BRACKETS*
ALL PRESCRIPTIONS*

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	–	Black	U1	+12°	+5°	0°	704-203	704-204	704-303	704-304
	–	Black	U1	+17°	+4°	0°	704-205	704-206	704-305	704-306
Laterals	–	Pink	U2	+8°	+9°	0°	704-221	704-222	704-321	704-322
	–	Pink	U2	+10°	+8°	0°	704-223	704-224	704-323	704-324
Cuspids	Hook	Green	U3	-2°	+13°	4°M	704-251HK	704-252HK	704-351HK	704-352HK
	Hook	Green	U3	-7°	+8°	0°	704-255HK	704-256HK	704-355HK	704-356HK
Bicuspids	Hook	Purple	U4&5's	-7°	0°	2°D	704-259HK	704-260HK	704-359HK	704-360HK
	Hook	Purple	U4&5's	-7°	0°	0°	704-257HK	704-258HK	704-357HK	704-358HK

MANDIBULAR							ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors	–	Yellow	L1&2's	-1°	0°	0°	704-233	704-233	704-333	704-333
	–	Yellow	L1&2's	-6°	0°	0°	704-235	704-235	704-335	704-335
Cuspids	–	Blue	L3	-11°	+7°	2°M	704-269HK	704-270HK	704-369HK	704-370HK
	–	Blue	L3	-6°	+3°	0°	704-271HK	704-272HK	704-371HK	704-372HK
1st Bicuspids	Hook	White	L4	-17°	0°	4°D	704-289HK	704-290HK	704-389HK	704-390HK
	Hook	Gray	L4	-12°	2°	0°	704-287HK	704-288HK	704-387HK	704-388HK
2nd Bicuspids 	Hook	Red	L5	-22°	0°	4°D	704-293HK	704-294HK	704-393HK	704-394HK
	Hook	White	L5	-17°	2°	0°	704-291HK	704-292HK	704-391HK	704-392HK

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NEOLUCENT PLUS CERAMIC BRACKET SYSTEM

NEOLUCENT PLUS CERAMIC BRACKETS*
ROTH PRESCRIPTIONS*

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	—	Black	U1	+12°	+5°	0°	704-203	704-204	704-303	704-304
Laterals	—	Pink	U2	+8°	+9°	0°	704-221	704-222	704-321	704-322
Cuspids	Hook	Green	U3	-2°	+13°	4°M	704-251HK	704-252HK	704-351HK	704-352HK
Bicuspids	Hook	Purple	U4&5's	-7°	0°	2°D	704-259HK	704-260HK	704-359HK	704-360HK

MANDIBULAR							ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors	—	Yellow	L1&2's	-1°	0°	0°	704-233	704-233	704-333	704-333
Cuspids	Hook	Blue	L3	-11°	+7°	2°M	704-269HK	704-270HK	704-369HK	704-370HK
1st Bicuspids	Hook	White	L4	-17°	0°	4°D	704-289HK	704-290HK	704-389HK	704-390HK
2nd Bicuspids	Hook	Red	L5	-22°	0°	4°D	704-293HK	704-294HK	704-393HK	704-394HK

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NEOLUCENT PLUS CERAMIC BRACKET SYSTEM

NEOLUCENT PLUS CERAMIC BRACKETS*
MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

MAXILLARY	OPTION	COLOR-CODE	TOOTH #	TORQUE	ANG.	ANTI-ROTATION	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	—	Black	U1	+17°	+4°	0°	704-205	704-206	704-305	704-306
Laterals	—	Pink	U2	+10°	+8°	0°	704-223	704-224	704-323	704-324
Cuspids	Hook	Green	U3	-7°	+8°	0°	704-255HK	704-256HK	704-355HK	704-356HK
Bicuspids	Hook	Purple	U4&5's	-7°	0°	0°	704-257HK	704-258HK	704-357HK	704-358HK
MANDIBULAR							**ITEM NUMBERS** .018 R	.018 L	.022 R	.022 L
Anteriors	—	Yellow	L1&2's	-6°	0°	0°	704-235	704-235	704-335	704-335
Cuspids	Hook	Blue	L3	-6°	+3°	0°	704-271HK	704-272HK	704-371HK	704-372HK
1st Bicuspids	Hook	Gray	L4	-12°	2°	0°	704-287HK	704-288HK	704-387HK	704-388HK
2nd Bicuspids	Hook	White	L5	-17°	2°	0°	704-291HK	704-292HK	704-391HK	704-392HK

Please note all color-code dots are gingival distal (for brackets with single dot).
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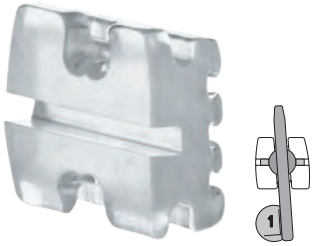
ILLUSION PLUS CERAMIC BRACKET SYSTEM



- Fully translucent for the "natural look"
- Purest Polycrystalline, 99% Alumina, material resists breakage
- Compound contour torque-in-base design for precise fit and tip, torque, and in/out movements
- Contoured auxiliary hooks enhance patient comfort
- Mechanical dove-tail grooves/porous surface
- Color-coded site-guides are included for easy and accurate bracket placement

ILLUSION PLUS CERAMIC BRACKETS
ALL SETS (5X5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	.018	.022
Roth	Set with no hooks	1	20	700-699A	700-799A
	Set with no hooks, quick pac	1	20	700-699AQ	700-799AQ
	Set with distal hooks on 3's, and universal hooks on 4's, 5's	1	20	700-699	700-799
	Set with distal hooks on 3's, and universal hooks on 4's, 5's, quick pac	1	20	700-699Q	700-799Q
McLaughlin, Bennett, and Trevisi	Set with distal hooks on 3's, and universal hooks on 4's, 5's	1	20	—	700-799MC
Bioprogressive .018 x .030	Set with distal hooks on 3's	1	20	700-819	—

ILLUSION PLUS CERAMIC BRACKETS
ALL PRESCRIPTIONS*

	CENTRALS		LATERALS		CUSPIDS		1ST BICUSPIDS		2ND BICUSPIDS	
MAXILLARY	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.	TORQUE	ANG.
Roth	+12°	+5°	+8°	+9°	0°	+11°	-7°	0°	-7°	0°
McLaughlin, Bennett, and Trevisi	+17°	+4°	+10°	+8°	-7°	+8°	-7°	0°	-7°	0°
BioProgressive .018 x .030	+22°	0°	+14°	+8°	+7°	+5°	0°	0°	0°	0°
MANDIBULAR										
Roth	0°	0°	0°	0°	-11°	+5°	-17°	0°	-22°	0°
McLaughlin, Bennett, and Trevisi	-6°	0°	-6°	0°	-6°	+3°	-12°	0°	-12°	0°
BioProgressive .018 x .030	0°	0°	0°	0°	+7°	+5°	0°	0°	0°	0°

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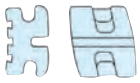
ILLUSION PLUS CERAMIC BRACKET SYSTEM

ILLUSION PLUS CERAMIC BRACKETS
ALL PRESCRIPTIONS*

MAXILLARY	SITE-GUIDE COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L	ITEM NUMBERS BIOPROGRESSIVE .018 x .030 R	.018 x .030 L
Centrals	Red (right)/ Green (left)	U1	+12°	+5°	700-605	700-606	700-705	700-706	—	—
	Red (right)/ Green (left)	U1	+17°	+4°	—	—	700-707	700-708	—	—
	Red (right)/ Green (left)	U1	+22°	0°	—	—	—	—	700-803	700-804
Laterals	Red (right)/ Green (left)	U2	+8°	+9°	700-621	700-622	700-721	700-722	—	—
	Red (right)/ Green (left)	U2	+10°	+8°	—	—	700-723	700-724	—	—
	Red (right)/ Green (left)	U2	+14°	+8°	—	—	—	—	700-805	700-806
Cuspids 	Red (right)/ Green (left)	U3	0°	+11°	700-635	700-636	700-735	700-736	—	—
	Red (right)/ Green (left)	U3	-7°	+8°	—	—	700-739	700-740	—	—
	Red (right)/ Green (left)	U3	+7°	+5°	—	—	—	—	700-807	700-808
Cuspids w/distal hook	Red (right)/ Green (left)	U3	0°	+11°	700-637	700-638	700-737	700-738	—	—
	Red (right)/ Green (left)	U3	-7°	+8°	—	—	700-739HK	700-740HK	—	—
	Red (right)/ Green (left)	U3	+7°	+5°	—	—	—	—	700-807HK	700-808HK
1st & 2nd Bicuspids	Red (right)/ Green (left)	U4&5's	-7°	0°	700-657	700-658	700-757	700-758	—	—
	Red (right)/ Green (left)	U4&5's	0°	0°	—	—	—	—	700-809	700-810
1st & 2nd Bicuspids w/universal hook	Red (right)/ Green (left)	U4&5's	-7°	0°	700-659	700-660	700-759	700-760	—	—

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ILLUSION PLUS CERAMIC BRACKET SYSTEM

ILLUSION PLUS CERAMIC BRACKETS
ALL PRESCRIPTIONS*

MANDIBULAR	SITE-GUIDE COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L	BIOPROGRESSIVE ITEM NUMBERS .018 x .030 R	.018 x .030 L
Anteriors	Yellow (right)/ Blue (left)	L1&2's	0°	0°	700-633	700-634	700-733	700-734	—	—
	Yellow (right)/ Blue (left)	L1&2's	-6°	0°	—	—	700-731	700-732	—	—
	Yellow (right)/ Blue (left)	L1&2's	0°	0°	—	—	—	—	700-811	700-812
Cuspids	Yellow (right)/ Blue (left)	L3	-11°	+5°	700-667	700-668	700-767	700-768	—	—
	Yellow (right)/ Blue (left)	L3	-6°	+3°	—	—	700-771	700-772	—	—
	Yellow (right)/ Blue (left)	L3	+7°	+5°	—	—	—	—	700-813	700-814
Cuspids w/distal hook	Yellow (right)/ Blue (left)	L3	-11°	+5°	700-669	700-670	700-769	700-770	—	—
	Yellow (right)/ Blue (left)	L3	-6°	+3°	—	—	700-771HK	700-772HK	—	—
	Yellow (right)/ Blue (left)	L3	+7°	+5°	—	—	—	—	700-813HK	700-814HK
1st & 2nd Bicuspids	Yellow (right)/ Blue (left)	L4&5's	-17°	0°	700-687	700-688	700-787	700-788	—	—
	Yellow (right)/ Blue (left)	L4&5's	-12°	0°	—	—	700-785	700-786	—	—
	Yellow (right)/ Blue (left)	L4&5's	-22°	0°	700-691	700-692	700-791	700-792	—	—
	Yellow (right)/ Blue (left)	L4&5's	0°	0°	—	—	—	—	700-815	700-816
1st & 2nd Bicuspids w/universal hook	Yellow (right)/ Blue (left)	L4&5's	-17°	0°	700-689	700-690	700-789	700-790	—	—
	Yellow (right)/ Blue (left)	L4&5's	-12°	0°	—	—	700-785HK	700-786HK	—	—
	Yellow (right)/ Blue (left)	L4&5's	-22°	0°	700-693	700-694	700-793	700-794	—	—

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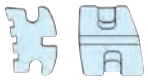
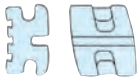
ILLUSION PLUS CERAMIC BRACKET SYSTEM

ILLUSION PLUS CERAMIC BRACKETS
ROTH PRESCRIPTIONS*

MAXILLARY	SITE-GUIDE COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Red (right)/Green (left)	U1	+12°	+5°	700-605	700-606	700-705	700-706
Laterals 	Red (right)/Green (left)	U2	+8°	+9°	700-621	700-622	700-721	700-722
Cuspids 	Red (right)/Green (left)	U3	0°	+11°	700-635	700-636	700-735	700-736
Cuspids w/distal hook	Red (right)/Green (left)	U3	0°	+11°	700-637	700-638	700-737	700-738
1st & 2nd Bicuspids	Red (right)/Green (left)	U4&5's	-7°	0°	700-657	700-658	700-757	700-758
Bicuspids w/universal hook	Red (right)/Green (left)	U4&5's	-7°	0°	700-659	700-660	700-759	700-760

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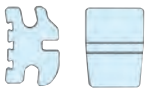
ILLUSION PLUS CERAMIC BRACKET SYSTEM

ILLUSION PLUS CERAMIC BRACKETS
ROTH PRESCRIPTIONS*

MANDIBULAR	SITE-GUIDE COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors 	Yellow (right)/Blue (left)	L1&2's	0°	0°	700-633	700-634	700-733	700-734
Cuspids	Yellow (right)/Blue (left)	L3	-11°	+5°	700-667	700-668	700-767	700-768
Cuspids w/distal hook	Yellow (right)/Blue (left)	L3	-11°	+5°	700-669	700-670	700-769	700-770
1st & 2nd Bicuspids	Yellow (right)/Blue (left)	L4	-17°	0°	700-687	700-688	700-787	700-788
	Yellow (right)/Blue (left)	L5	-22°	0°	700-691	700-692	700-791	700-792
1st & 2nd Bicuspids w/universal hook	Yellow (right)/Blue (left)	L4	-17°	0°	700-689	700-690	700-789	700-790
	Yellow (right)/Blue (left)	L5	-22°	0°	700-693	700-694	700-793	700-794

Bracket images are not representative of actual size, or ratio to other brackets.

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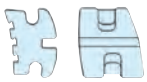
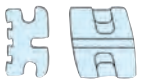
ILLUSION PLUS CERAMIC BRACKET SYSTEM

ILLUSION PLUS CERAMIC BRACKETS
MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

MAXILLARY		SITE-GUIDE COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .022 R	.022 L
Centrals		Red (right)/ Green (left)	U1	+17°	+4°	700-707	700-708
Laterals		Red (right)/ Green (left)	U2	+10°	+8°	700-723	700-724
Cuspids		Red (right)/ Green (left)	U3	-7°	+8°	700-739	700-740
Cuspids w/distal hook		Red (right)/ Green (left)	U3	-7°	+8°	700-739HK	700-740HK
Bicuspids		Red (right)/ Green (left)	U4&5's	-7°	0°	700-757	700-758
Bicuspids w/universal hook		Red (right)/ Green (left)	U4&5's	-7°	0°	700-759	700-760
MANDIBULAR						.022 R	.022 L
Anteriors		Yellow (right)/ Blue (left)	L1&2's	-6°	0°	700-731	700-732
Cuspids		Yellow (right)/ Blue (left)	L3	-6°	+3°	700-771	700-772
Cuspids w/distal hook		Yellow (right)/ Blue (left)	L3	-6°	+3°	700-771HK	700-772HK
1st & 2nd Bicuspids		Yellow (right)/ Blue (left)	L4&5's	-17°	0°	700-785	700-786
1st & 2nd Bicuspids w/universal hook		Yellow (right)/ Blue (left)	L4&5's	-17°	0°	700-785HK	700-786HK

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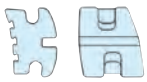
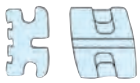
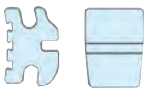
ILLUSION PLUS CERAMIC BRACKET SYSTEM

ILLUSION PLUS CERAMIC BRACKETS
BIOPROGRESSIVE PRESCRIPTIONS*

MAXILLARY	SITE-GUIDE COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 X .030 R	.018 X .030 L
Centrals	Red (right)/ Green (left)	U1	+22°	0°	700-803	700-804
Laterals 	Red (right)/ Green (left)	U2	+14°	+8°	700-805	700-806
Cuspids 	Red (right)/ Green (left)	U3	+7°	+5°	700-807	700-808
Cuspids w/distal hook	Red (right)/ Green (left)	U3	+7°	+5°	700-807HK	700-808HK
Bicuspids	Red (right)/ Green (left)	U4&5's	0°	0°	700-809	700-810
MANDIBULAR					**.018 X .030 R**	**.018 X .030 L**
Anteriors 	Yellow (right)/ Blue (left)	L1&2's	0°	0°	700-811	700-812
Cuspids	Yellow (right)/ Blue (left)	L3	+7°	+5°	700-813	700-814
Cuspids w/distal hook	Yellow (right)/ Blue (left)	L3	+7°	+5°	700-813HK	700-814HK
1st & 2nd Bicuspids	Yellow (right)/ Blue (left)	L4&5's	0°	0°	700-815	700-816

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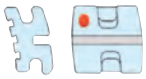
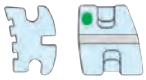
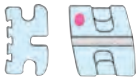
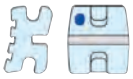
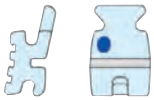
ILLUSION PLUS SILVER SLOT CERAMIC BRACKETS

- Same features as *Illusion Plus* Ceramic Bracket
- Archwire slot is lined with quality silver for improved bracket strength
- Reduced friction for enhanced sliding mechanics

ILLUSION PLUS SILVER SLOT BRACKETS
ALL SETS (5X5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	ITEM NUMBERS	
				.018	.022
Roth	Set with hooks 3's	1	20	700-498	700-598
	Set with hooks 3's, quick pac	1	20	700-498Q	700-598Q
	Set with hooks on 3's, 4's, 5's	1	20	700-499	700-599
	Set with hooks on 3's, 4's, 5's, quick pac	1	20	700-499Q	700-599Q
McLaughlin, Bennett, and Trevisi	Set with hooks on 3's, 4's, 5's	1	20	—	700-599MC

ILLUSION PLUS SILVER SLOT BRACKETS
ALL PRESCRIPTIONS*

MAXILLARY	COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS			
					.018 R	.018 L	.022 R	.022 L
Centrals 	Orange	U1	+12°	+5°	700-405	700-406	700-505	700-506
	Orange	U1	+17°	+4°	—	—	700-507	700-508
Laterals 	Green	U2	+8°	+9°	700-421	700-422	700-521	700-522
	Green	U2	+10°	+8°	—	—	700-523	700-524
Cuspids 	Pink	U3	0°	+11°	700-435	700-436	700-535	700-536
	Pink	U3	-7°	+8°	—	—	700-539	700-540
Cuspids w/distal hook	Pink	U3	0°	+11°	700-437	700-438	700-537	700-538
	Pink	U3	-7°	+8°	—	—	700-539HK	700-540HK
Bicuspids 	Blue	U4&5's	-7°	0°	700-457	700-458	700-557	700-558
Bicuspids w/universal hook 	Blue	U4&5's	-7°	0°	700-459	700-460	700-559	700-560

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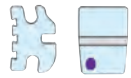
ILLUSION PLUS SILVER SLOT CERAMIC BRACKETS

ILLUSION PLUS SILVER SLOT BRACKETS
ALL PRESCRIPTIONS*

MANDIBULAR	COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Anteriors 	Purple	L1&2's	0°	0°	700-433	700-434	700-533	700-534
	Purple	L1&2's	-6°	0°	—	—	700-531	700-532
Cuspids	Yellow	L3	0°	+11°	700-467	700-468	700-567	700-568
	Yellow	L3	-6°	+3°	—	—	700-571	700-572
Cuspids w/distal hook	Yellow	L3	0°	+11°	700-469	700-470	700-569	700-570
	Yellow	L3	-6°	+3°	—	—	700-571HK	700-572HK
1st & 2nd Bicuspids	Brown	L4	-12°	0°	—	—	700-585	700-586
	Brown	L4	-17°	0°	700-487	700-488	700-587	700-588
	Black	L5	-22°	0°	700-491	700-492	700-591	700-592
Bicuspids w/universal hook	Brown	L4	-17°	0°	—	—	700-585HK	700-586HK
	Brown	L4	-17°	0°	700-489	700-490	700-589	700-590
	Black	L5	-22°	0°	700-493	700-494	700-593	700-594

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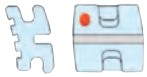
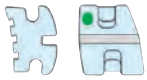
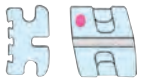
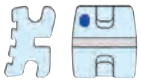
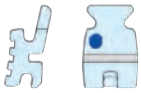
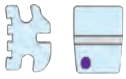
ILLUSION PLUS SILVER SLOT CERAMIC BRACKETS

ILLUSION PLUS SILVER SLOT BRACKETS
ROTH PRESCRIPTIONS*

MAXILLARY		COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals		Orange	U1	+12°	+5°	700-405	700-406	700-505	700-506
Laterals		Green	U2	+8°	+9°	700-421	700-422	700-521	700-522
Cuspids		Pink	U3	0°	+11°	700-435	700-436	700-535	700-536
Cuspids w/distal hook		Pink	U3	0°	+11°	700-437	700-438	700-537	700-538
Bicuspids		Blue	U4&5's	-7°	0°	700-457	700-458	700-557	700-558
Bicuspids w/distal hook		Blue	U4&5's	-7°	0°	700-459	700-460	700-559	700-560
MANDIBULAR						**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors		Purple	L1&2's	0°	0°	700-433	700-434	700-533	700-534
Cuspids		Yellow	L3	0°	+11°	700-467	700-468	700-567	700-568
Cuspids w/distal hook		Yellow	L3	-6°	+11°	700-469	700-470	700-569	700-570
1st & 2nd Bicuspids		Brown Black	L4 L5	-17° -22°	0° 0°	700-487 700-491	700-488 700-492	700-587 700-591	700-588 700-592
1st & 2nd Bicuspids w/universal hook		Brown Black	L4 L5	-17° -22°	0° 0°	700-489 700-493	700-490 700-494	700-589 700-593	700-590 700-594

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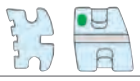
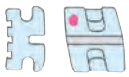
ILLUSION PLUS SILVER SLOT CERAMIC BRACKETS

ILLUSION PLUS SILVER SLOT BRACKETS
MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

MAXILLARY	COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .022 R	.022 L
Centrals	Orange	U1	+17°	+8°	700-507	700-508
Laterals 	Green	U2	+10°	+8°	700-523	700-524
Cuspids 	Pink	U3	-7°	+8°	700-539	700-540
Cuspids w/distal hook	Pink	U3	-7°	+8°	700-539HK	700-540HK
Bicuspids	Blue	U4&5's	-7°	0°	700-557	700-558
Bicuspids w/universal hook	Blue	U4&5's	-7°	0°	700-559	700-560
MANDIBULAR					**.022 R**	**.022 L**
Anteriors	Purple	L1&2's	-6°	0°	700-531	700-532
Cuspids	Yellow	L3	-6°	+3°	700-571	700-572
Cuspids w/distal hook	Yellow	L3	-6°	+3°	700-571HK	700-572HK
1st Bicuspids	Brown	L4&5's	-17°	0°	700-585	700-586
1st Bicuspids w/universal hook	Brown	L4&5's	-17°	0°	700-585HK	700-586HK
2nd Bicuspids	Brown	L5	-17°	0°	700-587	700-588
2nd Bicuspids w/universal hook	Brown	L5	-17°	0°	700-589	700-590

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ENVISION COMPOSITE BRACKET SYSTEM

- Improved adhesion and bracket removal
- Anatomically contoured base for ideal fit
- Mechanical dove-tail grooves/porous surface
- Torque-in base, compound/contour design
- Low profile design for patient comfort
- Exact tip, torque, and in/out movements

ENVISION COMPOSITE BRACKETS
ALL SETS (5X5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	.018	.022
Roth	Set with no hooks	1	20	701-097	701-197
	Set with hooks on 3's	1	20	701-098	701-198
	Set with hooks on 3's, quick pac	1	20	701-098Q	701-198Q
	Set with hooks on 3's, 4's, 5's	1	20	701-099	701-199
	Set with hooks on 3's, 4's, 5's, quick pac	1	20	701-099Q	701-199Q
McLaughlin, Bennett, and Trevisi	Set with hooks on 3's, 4's, 5's	1	20	—	701-199MC

ENVISION COMPOSITE BRACKETS
ALL PRESCRIPTIONS*

MAXILLARY	COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L	BIOPROGRESSIVE ITEM NUMBERS .018 x .030 R	.018 x .030 L
Centrals	Black	U1	+12°	+5°	701-005	701-006	701-105	701-106	—	—
	Black	U1	+17°	+4°	—	—	701-107	701-108	—	—
	Black	U1	+22°	0°	—	—	—	—	701-203	701-204
Laterals	Pink	U2	+8°	+9°	701-021	701-022	701-121	701-122	—	—
	Pink	U2	+10°	+8°	—	—	701-123	701-124	—	—
	Pink	U2	+14°	+9°	—	—	—	—	701-219	701-220
Cuspids	Green	U3	0°	+11°	701-035	701-036	701-135	701-136	—	—
	Green	U3	-7°	+8°	—	—	701-139	701-140	—	—
	Green	U3	+7°	+5°	—	—	—	—	701-207	701-208
Cuspids w/ distal hook	Green	U3	0°	+11°	701-037	701-038	701-137	701-138	—	—
	Green	U3	-7°	+8°	—	—	701-139HK	701-140HK	—	—
	Green	U3	+7°	+5°	—	—	—	—	701-207HK	701-208HK
Bicuspids	Purple	U4&5's	-7°	0°	701-057	701-058	701-157	701-158	—	—
Bicuspids w/universal hook	Purple	U4&5's	-7°	0°	701-059	701-060	701-159	701-160	—	—

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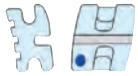
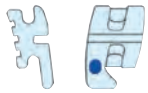
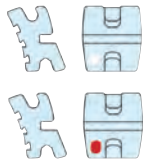
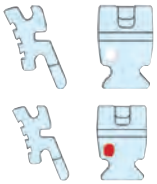
ENVISION COMPOSITE BRACKET SYSTEM

ENVISION COMPOSITE BRACKETS
ALL PRESCRIPTIONS*

MANDIBULAR	COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L	BIOPROGRESSIVE ITEM NUMBERS .018 x .030 R	.018 x .030 L
Anteriors	Yellow	L1&2's	0°	0°	701-033	701-034	701-133	701-134	—	—
	Yellow	L1&2's	-6°	0°	—	—	701-131	701-132	—	—
	Yellow	L1&2's	0°	0°	—	—	—	—	701-211	701-212
Cuspids 	Blue	L3	-11°	+5°	701-067	701-068	701-167	701-168	—	—
	Blue	L3	-6°	+2°	—	—	701-171	701-172	—	—
	Blue	L3	+7°	+5°	—	—	—	—	701-213	701-214
Cuspids w/ distal hook 	Blue	L3	-11°	+5°	701-069	701-070	701-169	701-170	—	—
	Blue	L3	- 6°	+2°	—	—	701-171HK	701-172HK	—	—
	Blue	L3	+7°	+5°	—	—	—	—	701-213HK	700-214HK
1st & 2nd Bicuspids 	White	L4	-12°	0°	—	—	701-185	701-186	—	—
	White	L4	-17°	0°	701-087	701-088	701-187	701-188	—	—
	Red	L5	-22°	0°	701-091	701-092	701-191	701-192	—	—
1st & 2nd Bicuspids w/universal hook 	White	L4	-12°	0°	—	—	701-185HK	701-186HK	—	—
	White	L4	-17°	0°	701-089	701-090	701-189	701-190	—	—
	Red	L5	-22°	0°	701-093	701-094	701-193	701-194	—	—

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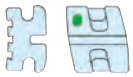
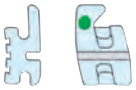
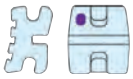
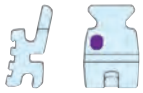
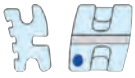
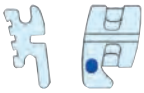
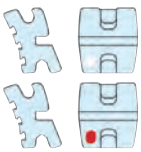
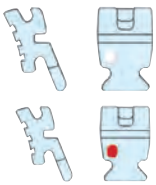
ENVISION COMPOSITE BRACKET SYSTEM

ENVISION COMPOSITE BRACKETS
ROTH PRESCRIPTIONS*

MAXILLARY	COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
Centrals	Black	U1	+12°	+5°	701-005	701-006	701-105	701-106
Laterals	Pink	U2	+8°	+9°	701-021	701-022	701-121	701-122
Cuspids 	Green	U3	0°	+11°	701-035	701-036	701-135	701-136
Cuspids w/ distal hook 	Green	U3	0°	+11°	701-037	701-038	701-137	701-138
Bicuspids 	Purple	U4&5's	-7°	0°	701-057	701-058	701-157	701-158
Bicuspids w/universal hook 	Purple	U4&5's	-7°	0°	701-059	701-060	701-159	701-160
MANDIBULAR					**.018 R**	**.018 L**	**.022 R**	**.022 L**
Anteriors	Yellow	L1&2's	0°	0°	701-033	701-034	701-133	701-134
Cuspids 	Blue	L3	-11°	+5°	701-067	701-068	701-167	701-168
Cuspids w/ distal hook 	Blue	L3	-11°	+5°	701-069	701-070	701-169	701-170
1st & 2nd Bicuspids 	White	L4	-17°	0°	701-087	701-088	701-187	701-188
	Red	L5	-22°	0°	701-091	701-092	701-191	701-192
1st & 2nd Bicuspids w/universal hook 	White	L4	-17°	0°	701-089	701-090	701-189	701-190
	Red	L5	-22°	0°	701-093	701-094	701-193	701-194

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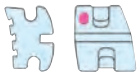
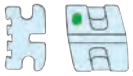
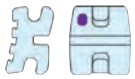
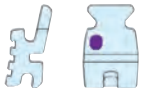
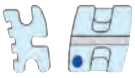
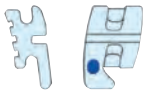
ENVISION COMPOSITE BRACKET SYSTEM

ENVISION COMPOSITE BRACKETS
MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

MAXILLARY		COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .022 R	.022 L
Centrals		Black	U1	+17°	+4°	701-107	701-108
Laterals		Pink	U2	+10°	+8°	701-123	701-124
Cuspids		Green	U3	-7°	+8°	701-139	701-140
Cuspids w/distal hook		Green	U3	-7°	+8°	701-139HK	701-140HK
Bicuspids		Purple	U4&5's	-7°	0°	701-157	701-158
Bicuspids w/universal hook		Purple	U4&5's	-7°	0°	701-159	701-160
MANDIBULAR						**.022 R**	**.022 L**
Anteriors		Yellow	L1&2's	-6°	0°	701-131	701-132
Cuspids		Blue	L3	-6°	+2°	701-171	701-172
Cuspids w/distal hook		Blue	L3	-6°	+2°	701-171HK	701-172HK
1st & 2nd Bicuspids		White	L4	-12°	0°	701-185	701-186
1st & 2nd Bicuspids w/universal hook		White White White	L4 L5 L5	-12° -17° -17°	0° 0° 0°	701-185HK 701-187 701-189	701-186HK 701-188 701-190

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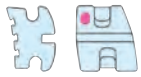
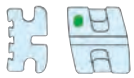
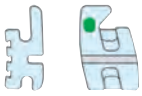
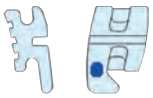
ENVISION COMPOSITE BRACKET SYSTEM

ENVISION COMPOSITE BRACKETS
BIOPROGRESSIVE PRECRIPTIONS*

MAXILLARY		COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .022 R	.022 L
Centrals		Black	U1	+22°	0°	701-203	701-204
Laterals		Pink	U2	+14°	+9°	701-219	701-220
Cuspids		Green	U3	+7°	+5°	701-207	701-208
Cuspids w/distal hook		Green	U3	+7°	+5°	701-207HK	701-208HK
MANDIBULAR						**.022 R**	**.022 L**
Anteriors		Yellow	L1&2's	0°	0°	701-211	701-212
Cuspids		Blue	L3	+7°	+5°	701-213	701-214
Cuspids w/distal hook		Blue	L3	+7°	+5°	701-213HK	701-214HK

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DELTA FORCE CERAMIC BRACKETS

- Patented design for reduced friction over conventional twin brackets
- Purest Polycrystalline, 99% Alumina, material resists breakage
- Mechanical dove-tail grooves for optimal bond strength
- Contoured surface enhances patient comfort
- Dual-occlusal tie wings

DELTA FORCE CERAMIC BRACKETS

ALL SETS (5X5)*

Rx	OPTION	QTY OF SETS	TOTAL BRACKETS	.022
	Set of ceramic	1	20	700-115
	Set of ceramic-quick pac	1	20	700-115Q

DELTA FORCE CERAMIC BRACKETS*

MAXILLARY	CERAMIC COLOR-CODE	TOOTH #	TORQUE	ANG.	ITEM NUMBERS .022 R	.022 L
Centrals	Black	U1	+22°	+5°	700-101	700-102
Laterals	Pink	U2	+14°	+10°	700-103	700-104
Cuspids	Green	U3	+5	+11°	700-105	700-106
Bicuspids	Purple	U4&5's	-5°	0°	700-107	700-107
MANDIBULAR					**.022 R**	**.022L**
Anteriors	Yellow	L1&2's	-5°	0°	700-108	700-108
Cuspids	Blue	L3	-5°	+5°	700-109	700-110
1st & 2nd Bicuspids	Red	L4&5's	-12°	0°	700-111	700-111

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EDGEWISE COMPOSITE BRACKET SYSTEM

A strong, durable, and contemporary design with extra large tie wings for maximum strength. These brackets are made from specially formulated plastic to resist staining. They will bond with stainless steel type adhesives after application of primer or conditioner.

- Full compatibility with metal brackets
- Increased patient comfort with smooth, round edges
- Safe for nickel-sensitive patients
- Available in .018 and .022 slot sizes

EDGEWISE
COMPOSITE STANDARD BRACKETS*

MAXILLARY	OPTION	TOOTH #	ITEM NUMBERS .018 R & L	.022 R & L
Centrals	Wide	U1	802-201	802-211
Laterals	Medium	U2	802-202	802-212
Cuspids/ bicuspids	Medium	U3's, 4's, & 5's	802-203	802-213
MANDIBULAR			**.018 R & L**	**.022 R & L**
Anteriors	Narrow	L1&2's	802-204	802-214
Cuspids/ bicuspids	Medium	L3's, 4's, & 5's	802-203	802-213

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BUCCAL TUBES | D

Maestro. D-2
Buccal Tubes

Elite Convertible. D-8
Buccal Tubes

Standard Edgewise D-13
Buccal Tubes

Elite Non-Convertible D-14
Buccal Tubes

Elite Opti-MIM D-18
Non-Convertible Molar
Buccal Tubes

Elite Opti-MIM D-18
Non-Convertible Micro
Molar Buccal Tubes

Elite Opti-MIM D-19
Non-Convertible Solo
Molar Buccal Tubes

MAESTRO
1st Molar Buccal Tubes

Classic orthodontic design with a smooth modern flare.

The *Maestro* Buccal Tube completes the appliance system. It is a non-convertible, single-tube that harmonizes classic orthodontic designs with the needs of today's practitioners and patients. This design provides the precise control needed throughout all phases of treatment for a predictable finish. The *Maestro* Buccal Tube's large funneled entrance, side grip areas, and color-coding help simplify treatment by allowing for easier identification, placement, positioning, and wire insertion. The ease of use associated with this product also reduces chair time which makes the *Maestro* Buccal Tube an extremely cost-effective choice for your practice.

Maestro Buccal Tube product characteristics:

- Lowest possible profile to optimize patient comfort without hindering the precision and control needed for case completion
- Patient comfort is ensured with smooth rounded surfaces and lowered mesiogingival hooks
- Available as a direct bond or weldable
- Metal Injection Molded (MIM) stainless steel material for strength and proven performance

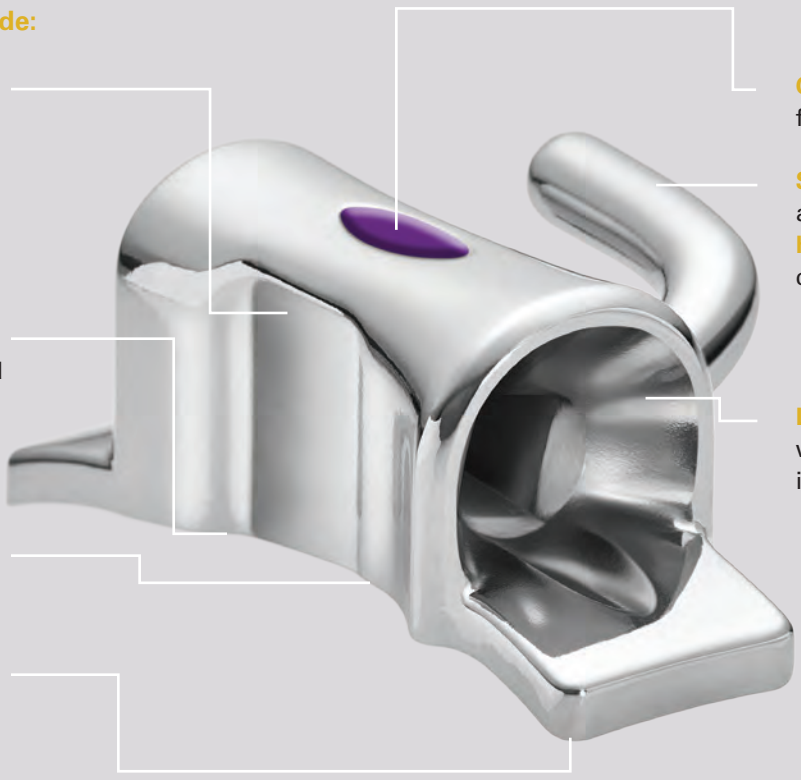
Quality Features Include:

Non-slip side grip areas
for tweezers to hold and position bracket

Defined buccal indent
for accurate stability and placement

Compound contoured
base design for superior fit and bond strength

80 gauge mesh
(micro-etched) bondable pad to maximize bond adhesion



Color-coded I.D. mark
for easy identification

Smooth rounded surfaces
and **lowered mesiogingival hooks** to ensure patient comfort

Large funneled entrance
with notch as guide for wire insertion

MAESTRO BUCCAL TUBES

MAESTRO 1st MOLAR BUCCAL TUBES

ROTH PRESCRIPTIONS*

STD	TOOTH #	COLOR-CODE	TORQUE	ANG.	OFFSET	ITEM NUMBERS .018 WELDABLE	ITEM NUMBERS .018 DIRECT BOND	ITEM NUMBERS .022 WELDABLE	ITEM NUMBERS .022 DIRECT BOND
	UR6	Purple	-14°	0°	+14°	902-201	902-201DB	902-301	902-301DB
	UL6	Purple	-14°	0°	+14°	902-202	902-202DB	902-302	902-302DB
	LR6	Red	-25°	0°	+4°	902-251	902-251DB	902-351	902-351DB
	LL6	Red	-25°	0°	+4°	902-252	902-252DB	902-352	902-352DB

MAESTRO 1st MOLAR BUCCAL TUBES

MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

STD	TOOTH #	COLOR-CODE	TORQUE	ANG.	OFFSET	ITEM NUMBERS .018 WELDABLE	ITEM NUMBERS .018 DIRECT BOND	ITEM NUMBERS .022 WELDABLE	ITEM NUMBERS .022 DIRECT BOND
	UR6	Purple	-14°	0°	+10°	902-203	902-203DB	902-303	902-303DB
	UL6	Purple	-14°	0°	+10°	902-204	902-204DB	902-304	902-304DB
	LR6	White	-20°	0°	0°	902-253	902-253DB	902-353	902-353DB
	LL6	White	-20°	0°	0°	902-254	902-254DB	902-354	902-354DB

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MAESTRO BUCCAL TUBES

MAESTRO 1st MOLAR BUCCAL TUBES

ANDREWS PRESCRIPTIONS

STD	TOOTH #	COLOR-CODE	TORQUE	ANG.	OFFSET	ITEM NUMBERS .018 WELDABLE	ITEM NUMBERS .018 DIRECT BOND	ITEM NUMBERS .022 WELDABLE	ITEM NUMBERS .022 DIRECT BOND
	UR6	Yellow	-10°	5°	+10°	911-205	911-205DB	911-305	911-305DB
	UL6	Yellow	-10°	5°	+10°	911-206	911-206DB	911-306	911-306DB
	LR6	Black	-30°	2°	0°	911-255	911-255DB	911-355	911-355DB
	LL6	Black	-30°	2°	0°	911-256	911-256DB	911-356	911-356DB

MAESTRO 1st MOLAR BUCCAL TUBES, CONVERTIBLE, DIRECT BOND ONLY

MEDIUM TORQUE PRESCRIPTIONS*

	TOOTH #	COLOR-CODE	TORQUE	ANG.	OFFSET	ITEM NUMBERS DIRECT BOND .018	ITEM NUMBERS DIRECT BOND .022
	UR6	Yellow	-10°	0°	+10°	901-607	901-707
	UL6	Yellow	-10°	0°	+10°	901-608	901-708
	LR6	Blue	-22°	0°	0°	901-645	901-745
	LL6	Blue	-22°	0°	0°	901-646	901-746

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MAESTRO BUCCAL TUBES

MAESTRO 1st MOLAR BUCCAL TUBES

LOW TORQUE PRESCRIPTIONS*

STD	TOOTH #	COLOR-CODE	TORQUE	ANG.	OFFSET	ITEM NUMBERS .018 WELDABLE	ITEM NUMBERS .018 DIRECT BOND	ITEM NUMBERS .022 WELDABLE	ITEM NUMBERS .022 DIRECT BOND
	LR6	Yellow	-10°	0°	0°	911-257	911-257DB	911-357	911-357DB
	LL6	Yellow	-10°	0°	0°	911-258	911-258DB	911-358	911-358DB

MAESTRO 2nd MOLAR BUCCAL TUBES

ROTH PRESCRIPTIONS*

STD	TOOTH #	COLOR-CODE	TORQUE	ANG.	OFFSET	ITEM NUMBERS .018 WELDABLE	ITEM NUMBERS .018 DIRECT BOND	ITEM NUMBERS .022 WELDABLE	ITEM NUMBERS .022 DIRECT BOND
	UR7	Pink	-10°	0°	10°	911-211	911-211DB	911-311	911-311DB
	UL7	Pink	-10°	0°	10°	911-212	911-212DB	911-312	911-312DB
	LR7	Blue	-25°	0°	6°	911-261	911-261DB	911-361	911-361DB
	LL7	Blue	-25°	0°	6°	911-262	911-262DB	911-362	911-362DB

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MAESTRO BUCCAL TUBES

MAESTRO 2nd MOLAR BUCCAL TUBES

MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

STD	TOOTH #	COLOR-CODE	TORQUE	ANG.	OFFSET	ITEM NUMBERS .018 WELDABLE	ITEM NUMBERS .018 DIRECT BOND	ITEM NUMBERS .022 WELDABLE	ITEM NUMBERS .022 DIRECT BOND
	UR7	Grey	-14°	0°	+10°	911-213	911-213DB	911-313	911-313DB
	UL7	Grey	-14°	0°	+10°	911-214	911-214DB	911-314	911-314DB
	LR7	Yellow	-10°	0°	0°	911-263	911-263DB	911-363	911-363DB
	LL7	Yellow	-10°	0°	0°	911-264	911-264DB	911-364	911-364DB

MAESTRO 2nd MOLAR BUCCAL TUBES, NON-CONVERTIBLE, DIRECT BOND ONLY

MEDIUM TORQUE PRESCRIPTIONS*

	TOOTH #	COLOR-CODE	TORQUE	ANG.	OFFSET	ITEM NUMBERS DIRECT BOND .018	ITEM NUMBERS DIRECT BOND .022
	UR7	Pink	-10°	0°	+10°	901-611	901-711
	UL7	Pink	-10°	0°	+10°	901-612	901-712
	LR7	Green	-15°	0°	0°	901-651	901-751
	LL7	Green	-15°	0°	0°	901-652	901-752

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MAESTRO BUCCAL TUBES

MAESTRO MINI 2nd MOLAR BUCCAL TUBES

ROTH PRESCRIPTIONS*

MINI	TOOTH #	COLOR-CODE	TORQUE	ANG.	OFFSET	ITEM NUMBERS			
						.018		.022	
						WELDABLE	DIRECT BOND	WELDABLE	DIRECT BOND
	UR7	Pink	-10°	0°	0°	NA	911-221DB	NA	911-321DB
	UL7	Pink	-10°	0°	0°	NA	911-222DB	NA	911-322DB
	LR7	Blue	-25°	0°	0°	NA	911-271DB	NA	911-371DB
	LL7	Blue	-25°	0°	0°	NA	911-272DB	NA	911-372DB

MAESTRO MINI 2nd MOLAR BUCCAL TUBES

MCLAUGHLIN, BENNETT, AND TREVISI PRESCRIPTIONS*

MINI	TOOTH #	COLOR-CODE	TORQUE	ANG.	OFFSET	ITEM NUMBERS			
						.018		.022	
						WELDABLE	DIRECT BOND	WELDABLE	DIRECT BOND
	UR7	Grey	-14°	0°	+10°	NA	911-223DB	NA	911-323DB
	UL7	Grey	-14°	0°	+10°	NA	911-224DB	NA	911-324DB
	LR7	Yellow	-10°	0°	0°	NA	911-273DB	NA	911-373DB
	LL7	Yellow	-10°	0°	0°	NA	911-274DB	NA	911-374DB

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

ELITE
Convertible Molar Buccal Tubes

Elite Convertible Molar Buccal Tube product characteristics:

- Available loose, direct bond, or prewelded to bands
- Super low-profile design
- Metal Injection Molding (MIM) process translates into corrosion resistance, strength, and proven performance
- 80 gauge mesh (micro-etched) bondable pad to maximize bond adhesion

ELITE CONVERTIBLE MOLAR BUCCAL TUBES

UPPERS		DESCRIPTION
A		Upper 1st molar convertible gingival facebow tube (CBT)
B		Upper 1st molar convertible occlusal facebow tube (OCBT)
C		Upper 1st molar convertible double tube without facebow tube (DBT)
D		Upper 1st molar convertible triple occlusal facebow tube (TBT)
E		Upper 1st molar convertible standard buccal tube (STD)
LOWERS		**DESCRIPTION**
F		Lower 1st molar convertible standard buccal tube (STD)
G		Lower 1st molar convertible double tube without facebow tube (DBT)
H		Lower 1st molar convertible lip bumper tube (LBT)

ELITE CONVERTIBLE MOLAR BUCCAL TUBES

ELITE CONVERTIBLE MOLAR BUCCAL TUBES, DIRECT BOND
ALL PRESCRIPTIONS*

MAXILLARY		DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS DIRECT BOND .018 R	.018 L	.022 R	.022 L
1st Molar		Convertible gingival facebow tube (CBT)	U6	-10°	0°	+10°	901-001	901-002	901-101	901-102
			U6	-14°	0°	+14°	901-027	901-028	901-127	901-128
		Convertible occlusal facebow tube (OCBT)	U6	-10°	0°	+10°	901-003	901-004	901-103	901-104
		Convertible double tube without facebow tube (DBT)	U6 [1]	-10°	0°	+10°	901-017	901-018	901-117	901-118
			U6 [2]	-14°	0°	+14°	901-019	901-020	901-119	901-120
			U6 [3]	-10°	0°	+10°	901-040	901-041	901-140	901-141
		Convertible triple occlusal facebow tube (TBT)	U6 [1]	-10°	0°	+10°	901-005	901-006	901-105	901-106
			U6 [2]	-14°	0°	+14°	901-009	901-010	901-109	901-110
			U6 [3]	-10°	0°	+10°	—	—	901-115	901-116
		Convertible standard buccal tube (STD)	U6	-10°	0°	+10°	901-007	901-008	901-107	901-108
			U6	-14°	0°	+14°	901-033	901-034	901-133	901-134
MANDIBULAR							**.018 R**	**.018 L**	**.022 R**	**.022 L**
1st Molar		Convertible standard buccal tube (STD)	L6	-12°	0°	+4°	901-045	901-046	901-145	901-146
			L6	-25°	0°	+4°	901-021	901-022	901-121	901-122
		Convertible double tube without facebow tube (DBT)	L6 [4]	-25°	0°	+4°	901-023	901-024	901-123	901-124
			L6 [5]	-25°	0°	+4°	901-025	901-026	901-125	901-126
		Convertible lip bumper tube (LBT)	L6	-25°	0°	+4°	901-043	901-044	901-143	901-144

[1] Auxiliary tubes have -10° torque, +10° offset.
[2] Roth prescription – auxiliary tubes have -14° torque, +14° offset.
[3] Bioprogressive prescription – auxiliary tubes have 0° torque, +10° offset.
[4] Roth prescription-auxiliary tubes have -25° torque, +4° offset.
[5] Bioprogressive prescription – auxiliary tubes have 0° torque, +4° offset.

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

ELITE CONVERTIBLE MOLAR BUCCAL TUBES

ELITE MOLAR BUCCAL TUBES, DIRECT BOND

ANDREWS' (CLASSIC) PRESCRIPTION*

MAXILLARY		DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
1st Molar		Convertible gingival facebow tube .047 (CBT)**	U6	-10°	0°	+10°	901-001	901-002	901-101	901-102
		Convertible occlusal facebow tube .047 (OCBT)**	U6	-10°	0°	+10°	901-003	901-004	901-103	901-104
		Convertible double without facebow tube .047 (DBT)**	U6	-10°	0°	+10°	901-017	901-018	901-117	901-118
		Convertible triple occlusal facebow tube .047 (TBT)**	U6	-10°	0°	+10°	901-005	901-006	901-105	901-106
		Convertible standard buccal tube (STD)	U6	-10°	0°	+10°	901-007	901-008	901-107	901-108
2nd Molar		Mini buccal tube	U7	-10°	0°	+10°	901-011	901-012	901-111	901-112
MANDIBULAR							**.018 R**	**.018 L**	**.022 R**	**.022 L**
1st Molar		Convertible standard buccal tube (STD)	L6	-25°	0°	+4°	901-021	901-022	901-121	901-122
		Convertible double without facebow tube .047 (DBT)**	L6	-25°	0°	+4°	901-023	901-024	901-123	901-124
2nd Molar		Mini buccal tube	L7	-25°	0°	+4°	901-031	901-032	901-131	901-132

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).
**Auxiliary slot matches archwire slot.

ELITE CONVERTIBLE MOLAR BUCCAL TUBES

ELITE CONVERTIBLE MOLAR BUCCAL TUBES, WELDABLE
ALL PRESCRIPTIONS*

MAXILLARY		DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS WELDABLE .018 R	.018 L	.022 R	.022 L
1st Molar		Convertible gingival facebow tube (CBT)	U6	-10°	0°	+10°	900-001	900-002	900-101	900-102
			U6	-14°	0°	+14°	900-027	900-028	900-127	900-128
		Convertible occlusal facebow tube (OCBT)	U6	-10°	0°	+10°	900-003	900-004	900-103	900-104
			U6	-14°	0°	+14°	900-029	900-030	900-129	900-130
		Convertible double tube without facebow tube (DBT)	U6 [1]	-10°	0°	+10°	900-017	900-018	900-117	900-118
			U6 [2]	-14°	0°	+14°	900-019	900-020	900-119	900-120
			U6 [3]	-10°	0°	+10°	900-040	900-041	900-140	900-141
		Convertible triple occlusal facebow tube (TBT)	U6 [1]	-10°	0°	+10°	900-005	900-006	900-105	900-106
			U6 [2]	-14°	0°	+14°	900-009	900-010	900-109	900-110
			U6 [3]	-10°	0°	+10°	900-015	900-016	900-115	900-116
		Convertible standard buccal tube (STD)	U6	-10°	0°	+10°	900-007	900-008	900-107	900-108
			U6	-14°	0°	+14°	900-033	900-034	900-133	900-134
MANDIBULAR							.018 R	.018 L	.022 R	.022 L
1st Molar		Convertible standard buccal tube (STD)	L6	-12°	0°	+4°	900-045	900-046	900-145	900-146
			L6	-25°	0°	+4°	900-021	900-022	900-121	900-122
		Convertible double tube without facebow tube (DBT)	L6 [4]	-25°	0°	+4°	900-023	900-024	900-123	900-124
			L6 [5]	-25°	0°	+4°	900-025	900-026	900-125	900-126
		Convertible lip bumper tube (LBT)	L6	-25°	0°	+4°	900-043	900-044	900-143	900-144

[1] Auxiliary tubes have -10° torque, +10° offset.
[2] Roth prescription – auxiliary tubes have -14° torque, +14° offset.
[3] Bioprogressive prescription – auxiliary tubes have 0° torque, +10° offset.
[4] Roth prescription-auxiliary tubes have -25° torque, +4° offset.
[5] Bioprogressive prescription – auxiliary tubes have 0° torque, +4° offset.

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

ELITE CONVERTIBLE MOLAR BUCCAL TUBES

ELITE MOLAR BUCCAL TUBES, WELDABLE

ANDREWS' (CLASSIC) PRESCRIPTION*

MAXILLARY		DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS .018 R	.018 L	.022 R	.022 L
1st Molar		Convertible gingival facebow tube .047 (CBT)**	U6	-10°	0°	+10°	900-001	900-002	900-101	900-102
		Convertible occlusal facebow tube .047 (OCBT)**	U6	-10°	0°	+10°	900-003	900-004	900-103	900-104
		Convertible double tube without facebow tube .047 (DBT)**	U6	-10°	0°	+10°	900-017	900-018	900-117	900-118
		Convertible triple occlusal facebow tube .047 (TBT)**	U6	-10°	0°	+10°	900-005	900-006	900-105	900-106
		Convertible standard buccal tube (STD)	U6	-10°	0°	+10°	900-007	900-008	900-107	900-108
2nd Molar		Mini buccal tube	U7	-10°	0°	+10°	900-011	900-012	900-111	900-112
MANDIBULAR							.018 R	.018 L	.022 R	.022 L
1st Molar		Convertible standard buccal tube (STD)	L6	-25°	0°	+4°	900-021	900-022	900-121	900-122
		Convertible double tube without facebow tube .047 (DBT)**	L6	-25°	0°	+4°	900-023	900-024	900-123	900-124
2nd Molar		Mini buccal tube	L7	-25°	0°	+4°	900-031	900-032	900-131	900-132

'Ortho Organizers' prescription does not imply endorsement by the doctor(s).
**Auxiliary slot matches archwire slot.

STANDARD EDGEWISE BUCCAL TUBES

STANDARD EDGEWISE BUCCAL TUBES, DIRECT BOND
EDGEWISE PRESCRIPTIONS*

MAXILLARY	DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS DIRECT BOND .018 R	.018 L	.022 R	.022 L
2nd Molar	Mini buccal tube without distal extension	U7	0°	0°	+10°	951-013	951-014	951-113	951-114
MANDIBULAR						**.018 R**	**.018 L**	**.022 R**	**.022 L**
2nd Molar	Mini buccal tube	L6	0°	0°	+5°	951-015	951-016	951-115	951-116

STANDARD EDGEWISE BUCCAL TUBES, WELDABLE
EDGEWISE PRESCRIPTIONS*

MAXILLARY	DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS WELDABLE .018 R	.018 L
2nd Molar	Convertible triple occlusal facebow tube (TBT)	U7	0°	0°	+10°	950-113	950-114
MANDIBULAR						**.018 R**	**.018 L**
2nd Molar	Mini buccal tube	L7	0°	0°	+5°	950-115	950-116

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

ELITE
Non-Convertible Molar Buccal Tubes

Elite Non-Convertible Molar Buccal Tube product characteristics:

- Available loose, direct bond, or prewelded to bands
- Super low-profile design
- No tie-wings and smooth surface allow for reduced interference and increased patient comfort
- 80-gauge mesh (micro-etched) bondable pad to maximize bond adhesion

ELITE NON-CONVERTIBLE MOLAR BUCCAL TUBES

UPPERS		DESCRIPTION
A		Upper 1st molar non-convertible standard buccal tube (NC-STD)
B		Upper 1st molar non-convertible gingival facebow tube (NC-CBT)
C		Upper 1st molar non-convertible double buccal tube (NC-DBT)
D		Upper 1st molar non-convertible triple buccal tube (NC-TBT)
E		Upper 2nd molar mini buccal tube with distal extension
F		Upper 2nd molar mini buccal tube without distal extension

ELITE NON-CONVERTIBLE MOLAR BUCCAL TUBES

ELITE NON-CONVERTIBLE MOLAR BUCCAL TUBES

LOWERS		DESCRIPTION
G		Lower 1st molar non-convertible standard buccal tube (NC-STD)
H		Lower 1st molar non-convertible lip bumper tube (NC-LBT)
I		Lower 1st molar non-convertible double buccal tube (NC-DBT)
J		Lower 2nd molar mini buccal tube with distal extension
K		Lower 2nd molar mini buccal tube without distal extension

ELITE NON-CONVERTIBLE MOLAR BUCCAL TUBES

ELITE NON-CONVERTIBLE MOLAR BUCCAL TUBES, DIRECT BOND

ALL PRESCRIPTIONS*

MAXILLARY		DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS DIRECT BOND .018 R	.018 L	.022 R	.022 L
1st Molar		Non-convertible standard buccal tube (NC-STD)	U6	0°	0°	+5°	902-001DB	902-002DB	902-101DB	902-102DB
			U6	-10°	0°	+5°	902-003DB	902-004DB	902-103DB	902-104DB
			U6	-14°	0°	+5°	902-005DB	902-006DB	902-105DB	902-106DB
		Non-convertible gingival facebow tube (NC-CBT)	U6	0°	0°	+5°	—	—	902-107DB	902-108DB
			U6	-10°	0°	+5°	902-009DB	902-010DB	902-109DB	902-110DB
			U6	-14°	0°	+5°	902-011DB	902-012DB	902-111DB	902-112DB
		Non-convertible double buccal tube (NC-DBT)**	U6	0°	0°	+5°	902-013DB	902-014DB	902-113DB	902-114DB
			U6	-10°	0°	+5°	902-015DB	902-016DB	902-115DB	902-116DB
			U6	-14°	0°	+5°	902-017DB	902-018DB	902-117DB	902-118DB
		Non-convertible triple buccal tube (NC-TBT)**	U6	0°	0°	+5°	—	—	902-119DB	902-120DB
			U6	-10°	0°	+5°	—	—	902-121DB	902-122DB
			U6	-14°	0°	+5°	—	—	902-123DB	902-124DB
2nd Molar		Mini buccal tube with distal extension	U7	-10°	0°	+10°	901-011	901-012	901-111	901-112
			U7	-14°	0°	+10°	901-049	901-050	901-149	901-150
			U7	-14°	0°	+14°	901-013	901-014	901-113	901-114
		Mini buccal tube without distal extension	U7	-10°	0°	+10°	951-033	951-034	951-133	951-134
			U7	-14°	0°	+14°	951-035	951-036	951-135	951-136
MANDIBULAR							**.018 R**	**.018 L**	**.022 R**	**.022 L**
1st Molar		Non-convertible standard buccal tube (NC-STD)	L6	0°	0°	+5°	902-041DB	902-042DB	902-141DB	902-142DB
			L6	-12°	0°	+5°	902-043DB	902-044DB	902-143DB	902-144DB
			L6	-20°	0°	+5°	902-061DB	902-062DB	902-161DB	902-162DB
			L6	-25°	0°	+5°	902-045DB	902-046DB	902-145DB	902-146DB
		Non-convertible lip bumper tube (NC-LBT)	L6	0°	0°	+5°	—	—	902-147DB	902-148DB
			L6	-12°	0°	+5°	902-049DB	902-050DB	902-149DB	902-150DB
			L6	-20°	0°	+5°	—	—	902-163DB	902-164DB
			L6	-25°	0°	+5°	902-051DB	902-052DB	902-151DB	902-152DB
		Non-convertible double buccal tube (NC-DBT)**	L6	0°	0°	+5°	902-053DB	902-054DB	902-153DB	902-154DB
			L6	-12°	0°	+5°	902-055DB	902-056DB	902-155DB	902-156DB
			L6	-25°	0°	+5°	902-057DB	902-058DB	902-157DB	902-158DB
2nd Molar		Mini buccal tube with distal extension	L7	-12°	0°	+4°	901-051	901-052	901-151	901-152
			L7	-25°	0°	+4°	901-031	901-032	901-131	901-132
		Mini buccal tube without distal extension	L7	-12°	0°	+4°	951-055	951-056	951-155	951-156
			L7	-25°	0°	+4°	951-053	951-054	951-153	951-154

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

**Auxiliary tubes have the same torque, angulation, and offset as main archwire tube.

ELITE NON-CONVERTIBLE MOLAR BUCCAL TUBES

ELITE NON-CONVERTIBLE MOLAR BUCCAL TUBES, WELDABLE
ALL PRESCRIPTIONS*

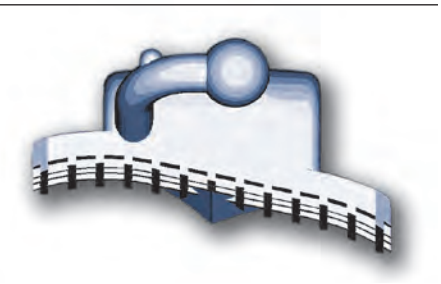
MAXILLARY		DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS WELDABLE .018 R	.018 L	.022 R	.022 L
1st Molar		Non-convertible standard buccal tube (NC-STD)	U6	0°	0°	+5°	902-001	902-002	902-101	902-102
			U6	-10°	0°	+5°	902-003	902-004	902-103	902-104
			U6	-14°	0°	+5°	902-005	902-006	902-105	902-106
		Non-convertible gingival facebow tube (NC-CBT)	U6	0°	0°	+5°	902-007	902-008	902-107	902-108
			U6	-10°	0°	+5°	902-009	902-010	902-109	902-110
			U6	-14°	0°	+5°	902-011	902-012	902-111	902-112
		Non-convertible double buccal tube (NC-DBT)**	U6	0°	0°	+5°	902-013	902-014	902-113	902-114
			U6	-10°	0°	+5°	902-015	902-016	902-115	902-116
			U6	-14°	0°	+5°	902-017	902-018	902-117	902-118
		Non-convertible triple buccal tube (NC-TBT)**	U6	0°	0°	+5°	902-019	902-020	902-119	902-120
			U6	-10°	0°	+5°	902-021	902-022	902-121	902-122
			U6	-14°	0°	+5°	902-023	902-024	902-123	902-124
2nd Molar		Mini buccal tube with distal extension	U7	-10°	0°	+10°	900-011	900-012	900-111	900-112
			U7	-14°	0°	+10°	900-049	900-050	900-149	900-150
			U7	-14°	0°	+14°	900-013	900-014	900-113	900-114
		Mini buccal tube without distal extension	U7	-10°	0°	+10°	950-033	950-034	950-133	950-134
			U7	-14°	0°	+14°	950-035	950-036	950-135	950-136
MANDIBULAR							**.018 R**	**.018 L**	**.022 R**	**.022 L**
1st Molar		Non-convertible standard buccal tube (NC-STD)	L6	0°	0°	+5°	902-041	902-042	902-141	902-142
			L6	-12°	0°	+5°	902-043	902-044	902-143	902-144
			L6	-20°	0°	+5°	902-061	902-062	902-161	902-162
			L6	-25°	0°	+5°	902-045	902-046	902-145	902-146
		Non-convertible lip bumper tube (NC-LBT)	L6	0°	0°	+5°	902-047	902-048	902-147	902-148
			L6	-12°	0°	+5°	902-049	902-050	902-149	902-150
			L6	-20°	0°	+5°	902-063	902-064	902-163	902-164
			L6	-25°	0°	+5°	902-051	902-052	902-151	902-152
		Non-convertible double buccal tube (NC-DBT)**	L6	0°	0°	+5°	902-053	902-054	902-153	902-154
			L6	-12°	0°	+5°	902-055	902-056	902-155	902-156
			L6	-25°	0°	+5°	902-057	902-058	902-157	902-158
2nd Molar		Mini buccal tube with distal extension	L7	-12°	0°	+4°	900-051	900-052	900-151	900-152
			L7	-25°	0°	+4°	900-031	900-032	900-131	900-132
		Mini buccal tube without distal extension	L7	-12°	0°	+4°	950-055	950-056	950-155	950-156
			L7	-25°	0°	+4°	950-053	950-054	950-153	950-154

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).
**Auxiliary tubes have the same torque, angulation, and offset as main archwire tube.

ELITE OPTI-MIM NON-CONVERTIBLE MOLAR BUCCAL TUBES

Opti-MIM Direct Bond Molar Buccal Tubes offer the following features:

- Made of *Nickel-Lite* Material for nickel sensitive patients
- One-piece with a compound, contour base with the patented *Grip-LOK* Micro-Etched Base
- A defined buccal indent for accurate placement and stability



OPTI-MIM NON-CONVERTIBLE MOLAR BUCCAL TUBES, DIRECT BOND
ALL PRESCRIPTIONS*

MAXILLARY	DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS DIRECT BOND .018 R	.018 L	.022 R	.022 L
1st Molar	Non-convertible buccal tube (NC-STD)	U6	-10°	0°	+10°	901-401	901-402	901-451	901-452
		U6	-14°	0°	+14°	901-403	901-404	901-453	901-454
2nd Molar*	Non-convertible mini buccal tube (NC-STD)	U7	-10°	0°	+10°	951-205	951-206	951-255	951-256
		U7	-14°	0°	+14°	951-207	951-208	951-257	901-258
		U7	0°	0°	+10°	951-201	951-202	951-251	951-252
MANDIBULAR						**.018 R**	**.018 L**	**.022 R**	**.022 L**
1st Molar	Non-convertible buccal tube (NC-STD)	L6	-12°	0°	+4°	901-411	901-412	901-461	901-462
		L6	-25°	0°	+4°	901-413	901-414	901-463	901-464
2nd Molar*	Non-convertible mini buccal tube (NC-STD)	L7	-12°	0°	+4°	951-209	951-210	951-259	951-260
		L7	-25°	0°	+4°	951-211	951-212	951-261	951-262
		L7	0°	0°	+4°	951-203	951-204	951-253	951-254

Direct Bond Micro Molar Tubes:

- Made of *Nickel-Lite* Material for nickel sensitive patients
- One-piece with a compound, contour base with the patented *Grip-LOK* Micro-Etched Base
- A defined buccal indent for accurate placement and stability
- For use on the 1st and 2nd molar due to reduced pad area
- Shorter flanges allow the buccal tube a more precise interface with the tooth

OPTI-MIM NON-CONVERTIBLE MICRO MOLAR BUCCAL TUBES, DIRECT BOND
ALL PRESCRIPTIONS*

MAXILLARY	DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS DIRECT BOND .018 R	.018 L	.022 R	.022 L
1st Molar	Non-convertible buccal tube (NC-STD)	U6 or U7	-10°	0°	+10°	901-401MP	901-402MP	901-451MP	901-452MP
		U6 or U7	-14°	0°	+14°	901-403MP	901-404MP	901-453MP	901-454MP
MANDIBULAR						**.018 R**	**.018 L**	**.022 R**	**.022 L**
1st Molar	Non-convertible buccal tube (NC-STD)	L6 or L7	-12°	0°	+4°	901-411MP	901-412MP	901-461MP	901-462MP
		L6 or L7	-25°	0°	+4°	901-413MP	901-414MP	901-463MP	901-464MP

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

ELITE OPTI-MIM NON-CONVERTIBLE SOLO MOLAR BUCCAL TUBES

Direct Bond Solo Tubes*:

- A one-piece, one-cusp molar buccal tube which is approximately half the length of the traditional molar buccal tube
- Designed to be bonded to the mesial cusp of the 1st and 2nd molar
- Made of *Nickel-Lite* Material for nickel sensitive patients
- One-piece with a compound, contour base with the patented *Grip-LOK* Micro-Etched Base
- For partially erupted molars

OPTI-MIM NON-CONVERTIBLE SOLO MOLAR BUCCAL TUBES, DIRECT BOND
ALL PRESCRIPTIONS**

MAXILLARY	DESCRIPTION	TOOTH #	TORQUE	ANG.	OFFSET	ITEM NUMBERS DIRECT BOND .018 R	.018 L	.022 R	.022 L
1st or 2nd Molar	Non-convertible mini buccal tube (NC-STD)	U6 or U7	0°	0°	0°	901-501	901-502	901-551	901-552
		U6 or U7	-10°	0°	0°	901-503	901-504	901-553	901-554
MANDIBULAR						**.018 R**	**.018 L**	**.022 R**	**.022 L**
1st or 2nd Molar	Non-convertible mini buccal tube (NC-STD)	L6 or L7	0°	0°	0°	901-511	901-512	901-561	901-562
		L6 or L7	-12°	0°	0°	901-513	901-514	901-563	901-564
		L6 or L7	-25°	0°	0°	901-515	901-516	901-565	901-566

* *Opti-MIM* Direct Bond Solo Tubes do not have a defined buccal indent.

** *Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

BANDS AND LINGUAL ATTACHMENTS

E

Epic™ Contour Molar Bands E-3

Tempra™ Molar Bands. E-4

General Purpose Primary Molar Bands E-4

Bicuspid Bands E-5

Auxiliaries. E-6

Storage Cases and Dispensers E-7

Direct Bond. Lingual Attachments E-8

BANDS AND LINGUAL ATTACHMENTS

When only the best will do

Bands

We offer a complete selection of bands to fulfill your every request. Each band has the option to be ordered as plain or as a pre-welded assembly. For the ultimate in custom fitting, shape, and retention choose from *Epic* Molar Bands or *Tempra* Molar Bands. They both offer:

- A precise occlusal and gingival fit to avoid cement washout
- Accurate and consistent size graduation for an exact fit
- Trimmed occlusal and gingival area for minimal interference
- Thinner straight interproximal for reduced separation
- An anatomically shape for a secure fit and superior retention
- Permanent I.D. marks on the mesial side for easy identification
- Micro-etched interior for maximum retention
- High quality stainless steel which withstands additional pressure of extraoral and intraoral appliances

Epic Bands
When the right fit is important, do not settle for anything less than the *Epic* Molar Band. Its superior tooth design adapts easily to the anatomical contour of the tooth. Made of regular tempered material, the *Epic* Molar Band is extremely malleable allowing it to easily recontour. It is available in whole sizes: 3 through 36.

Tempra Bands
Made of full tempered material, the *Tempra* Molar Band offers great elasticity and a superior fit. In addition, the band has increased occlusal edge strength which prevents deformation. The *Tempra* Molar Band is available in half sizes; 29½ through 44.

Bicuspid Bands
Made of full tempered material, the bicuspid bands are anatomically fit for left or right, and available in whole sizes: 1 through 24 for the maxilla, and 3 through 26 for the mandible.

Primary Molar Bands
The narrow occlusal-gingival height allows the general purpose primary molar band to easily fit primary molars. Molar bands are available in the Starter Kit, pre-welded or plain as an individual band. They are anatomically fit for left or right, and available in half sizes; 25 through 30½.

EPIC CONTOUR MOLAR BANDS

- Superior Tooth Design Adapts to Anatomical Contours
- 33 Proportional Graduated Full Sizes in Both Uppers and Lowers – Numbered 3-36
- Regular Temper
- Malleability with Excellent Adaptation
- Easy to Recontour
- Accurate Right and Left Occlusal/Gingival Tooth Anatomy
- Available with Micro-Etched Interiors for Maximum Retention

U6L36 *Epic* Molar Band

EPIC CONTOUR BAND KITS WHOLE SIZES 3 THROUGH 36

All Band Kits can be ordered as Plain Bands or Prewelded Assemblies. Also, Band Kits may be ordered either for the upper or lower molars, or the 1st or 2nd molars. Band Coding: Legibly marked on mesial side: "U" indicates Upper; "L" indicates Lower; "S" indicates 2nd Molar; "R" indicates Right; "L" indicates Left. (For instant identification, an asterisk "*" is marked after the size of each *Epic* Band.)

Starter Kit

BAND SIZE	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	TOTAL
Quantity for Right										1	1	2	2	2	2	2	2	2	2	2	2	1	1	1											25
Quantity for Left										1	1	2	2	2	2	2	2	2	2	2	2	1	1	1											25

Introductory Kit

BAND SIZE	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	TOTAL
Full Range, Qty for Right	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	50
Full Range, Qty for Left	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	50
Mid Range, Qty for Right										2	3	4	4	4	4	4	4	4	4	4	4	3	2												50
Mid Range, Qty for Left										2	3	4	4	4	4	4	4	4	4	4	4	3	2												50

Professional Kit

BAND SIZE	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	TOTAL
Full Range, Qty for Right	1	1	1	1	1	1	2	2	2	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	75
Full Range, Qty for Left	1	1	1	1	1	1	2	2	2	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	75
Mid Range, Qty for Right										3	4	6	6	6	6	6	6	6	6	6	6	4	4												75
Mid Range, Qty for Left										3	4	6	6	6	6	6	6	6	6	6	6	4	4												75

Master Kit

BAND SIZE	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	TOTAL
Full Range, Qty for Right	2	2	2	2	2	3	3	4	4	4	7	7	7	7	7	7	7	7	7	7	7	7	7	4	4	4	3	3	3	2	2	2	2	2	150
Full Range, Qty for Left	2	2	2	2	2	3	3	4	4	4	7	7	7	7	7	7	7	7	7	7	7	7	7	4	4	4	3	3	3	2	2	2	2	2	150
Mid Range, Qty for Right										10	10	11	11	11	11	11	11	11	11	11	11	10	10												150
Mid Range, Qty for Left										10	10	11	11	11	11	11	11	11	11	11	11	10	10												150

LEATHERETTE BAND CASES AND TRAYS

Attractive cases for storing and dispensing of bands and band assemblies. These cases are silver with black type and are easy to transport or stack for storage.

BAND CASE: 7" long x 11" wide x 1" tall
Band Case with Band type on sides (*Epic/Tempra*) • **482-024**
Bicuspid Band Case with Logo Only • **482-026**

BAND TRAY WITH COVER
(cover ordered separately)
Epic Band Tray • **482-011** Cover • **482-012**
Tempra Band Tray • **482-018** Cover • **482-017**

TEMPRA MOLAR BANDS

TEMPRA MOLAR BANDS

- Superior Tooth Morphology
- Full Tempered
- Memory and Elasticity Maintained After Prefit and Removal
- Proportional Graduated Half-Sizing, Numbered 29½ – 44
- Increased Occlusal Edge Strength to Prevent Deformation
- Stiffer Material to Withstand Additional Pressure of Extra and Intraoral Appliances
- Available with Micro-Etched Interiors for Maximum Retention

TEMPRA BAND KITS HALF SIZES 29½ THROUGH 44

All Band Kits can be ordered as Loose Bands or Prewelded Assemblies. Also, Band Kits may be ordered either for the upper or lower molars, or the 1st or 2nd molars. Band Coding: Legibly marked on mesial side: "U" indicates Upper; "L" indicates Lower; "S" indicates 2nd Molar; "R" indicates Right; "L" indicates Left.

Starter Kit

BAND SIZE	29½	30	30½	31	31½	32	32½	33	33½	34	34½	35	35½	36	36½	37	37½	38	38½	39	39½	40	40½	41	41½	42	42½	43	43½	44	TOTAL
Quantity for Right							1	1	2	2	2	2	2	2	2	2	2	2	1	1	1										25
Quantity for Left							1	1	2	2	2	2	2	2	2	2	2	2	1	1	1										25

Introductory Kit

BAND SIZE	29½	30	30½	31	31½	32	32½	33	33½	34	34½	35	35½	36	36½	37	37½	38	38½	39	39½	40	40½	41	41½	42	42½	43	43½	44	TOTAL
Full Range, Qty for Right	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	50
Full Range, Qty for Left	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	50
Mid Range, Qty for Right								4	4	4	4	4	5	5	4	4	4	4	4												50
Mid Range, Qty for Left								4	4	4	4	4	5	5	4	4	4	4	4												50

Professional Kit

BAND SIZE	29½	30	30½	31	31½	32	32½	33	33½	34	34½	35	35½	36	36½	37	37½	38	38½	39	39½	40	40½	41	41½	42	42½	43	43½	44	TOTAL
Full Range, Qty for Right	1	1	1	1	2	2	2	3	4	4	4	4	5	5	5	4	4	4	4	3	2	2	1	1	1	1	1	1	1	1	75
Full Range, Qty for Left	1	1	1	1	2	2	2	3	4	4	4	4	5	5	5	4	4	4	4	3	2	2	1	1	1	1	1	1	1	1	75
Mid Range, Qty for Right								6	6	6	6	6	7	7	7	6	6	6	6												75
Mid Range, Qty for Left								6	6	6	6	6	7	7	7	6	6	6	6												75

Master Kit

BAND SIZE	29½	30	30½	31	31½	32	32½	33	33½	34	34½	35	35½	36	36½	37	37½	38	38½	39	39½	40	40½	41	41½	42	42½	43	43½	44	TOTAL
Full Range, Qty for Right	2	2	3	3	3	4	4	7	7	9	9	9	9	9	9	9	9	7	7	4	4	3	3	3	2	2	2	2	2	2	150
Full Range, Qty for Left	2	2	3	3	3	4	4	7	7	9	9	9	9	9	9	9	9	7	7	4	4	3	3	3	2	2	2	2	2	2	150
Mid Range, Qty for Right								12	12	12	12	12	14	14	14	12	12	12	12												150
Mid Range, Qty for Left								12	12	12	12	12	14	14	14	12	12	12	12												150

GENERAL PURPOSE PRIMARY MOLAR BANDS

9 sizes, 25 through 30½. Universal Left or Right. Available in Starter Kits, Prewelded, or as Individual Bands. Permanent size marking. May be prewelded with mini second molar tube, cleat, button, or seating lug.

Starter Kit

SIZE	25	26	27	28	28½	29	29½	30	30½	TOTAL
Quantity	4	5	5	5	5	4	4	4	4	40

BICUSPID BANDS

- Permanent Size Marking
- Anatomically Contoured
- Full Tempered
- Enhanced Retention

To Order Kits
Specify Kit Type:
- Introductory (100 bands),
- Professional (150 bands),
- or Master (300 bands)

Specify size range:
Full-range or Mid-range

All Band Kits can be ordered as Plain Bands or Prewelded Assemblies.

To Order Individual Bands:
Specify tooth type, left or right, size number, and quantity.

MAXILLARY BICUSPID KITS

Extended Size Range: Size 1 through Size 24
Non Right/Left • Marked U1 through U24

Full-Range Kit

BAND SIZE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOTAL
Introductory Kit	R	1	1	1	1	1	2	2	2	3	3	4	4	4	4	3	3	2	2	2	1	1	1	1	1	50
	L	1	1	1	1	1	2	2	2	3	3	4	4	4	4	3	3	2	2	2	1	1	1	1	1	50
Professional Kit	R	2	2	2	2	2	3	3	4	4	4	4	5	5	5	4	4	4	3	3	2	2	2	2	2	75
	L	2	2	2	2	2	3	3	4	4	4	4	5	5	5	4	4	4	3	3	2	2	2	2	2	75
Master Kit	R	3	3	3	4	5	6	6	9	9	9	9	9	9	9	9	9	9	6	6	5	4	3	3	3	150
	L	3	3	3	4	5	6	6	9	9	9	9	9	9	9	9	9	9	6	6	5	4	3	3	3	150

Mid-Range Kit

BAND SIZE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOTAL
Introductory Kit	R							4	4	4	4	4	5	5	4	4	4	4	4							50
	L							4	4	4	4	4	5	5	4	4	4	4	4							50
Professional Kit	R							6	6	6	6	6	7	7	7	6	6	6	6							75
	L							6	6	6	6	6	7	7	7	6	6	6	6							75
Master Kit	R							12	12	12	12	12	14	14	14	12	12	12	12							150
	L							12	12	12	12	12	14	14	14	12	12	12	12							150

MANDIBULAR BICUSPID KITS

Extended Size Range: Size 3 through Size 26
Non-Right/Left • Marked L3 through L26

Full-Range Kit

BAND SIZE		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL
Introductory Kit	R	1	1	1	2	2	2	3	3	4	4	4	4	3	3	2	2	2	1	1	1	1	1	1	1	50
	L	1	1	1	2	2	2	3	3	4	4	4	4	3	3	2	2	2	1	1	1	1	1	1	1	50
Professional Kit	R	2	2	2	3	3	3	3	5	5	5	5	5	4	4	4	3	3	2	2	2	2	2	2	2	75
	L	2	2	2	3	3	3	3	5	5	5	5	5	4	4	4	3	3	2	2	2	2	2	2	2	75
Master Kit	R	3	4	5	6	6	9	9	9	9	9	9	9	9	9	9	6	6	5	4	3	3	3	3	3	150
	L	3	4	5	6	6	9	9	9	9	9	9	9	9	9	9	6	6	5	4	3	3	3	3	3	150

Mid-Range Kit

BAND SIZE		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL
Introductory Kit	R					4	4	4	4	4	5	5	4	4	4	4	4									50
	L					4	4	4	4	4	5	5	4	4	4	4	4									50
Professional Kit	R					6	6	6	6	6	7	7	7	6	6	6	6									75
	L					6	6	6	6	6	7	7	7	6	6	6	6									75
Master Kit	R					12	12	12	12	12	14	14	14	12	12	12	12									150
	L					12	12	12	12	12	14	14	14	12	12	12	12									150

AUXILIARIES

ITEM	DESCRIPTION	CATALOG NO.
	Lingual Button (flat) Available in 30/pk This lingual attachment may be welded to create your preferred band assembly.	**971-020**
	Lingual Button (curved) Available in 30/pk This lingual attachment may be welded to create your preferred band assembly.	**971-021**
	Cuspid/Bicuspid Lingual Cleat Available in 100/pk This lingual attachment may be welded to create your preferred band assembly.	**971-024**
	Molar Lingual Cleat Available in 100/pk This lingual attachment may be welded to create your preferred band assembly.	**971-025**
	Seating Lugs Available in 100/pk • Bicuspids • Molars This lingual attachment may be welded to create your preferred band assembly.	**971-027** **971-028**
	Lingual Sheath .036" x .072" slotted, horizontal, latching indent, fits left or right. Available in 10/pk This lingual attachment may be welded to create your preferred band assembly.	**971-032**
	Lingual Sheath .036" x .072" slotted, horizontal, latching indent hook. Available in 10/pk • UR/LL • UL/LR This lingual attachment may be welded to create your preferred band assembly.	**971-034** **971-035**
	Lingual Sheath .036" x .072" horizontal hook, slotted, latching indent. Available in 10/pk • UR/LL • UL/LR This lingual attachment may be welded to create your preferred band assembly.	**971-036** **971-037**
	Lingual Sheath .036" x .072" vertical hook, slotted, latching indent. Available in 10/pk • UR/LL • UL/LR This lingual attachment may be welded to create your preferred band assembly.	**971-038** **971-039**

For Direct Bond Lingual Attachments, contact a customer service representative at 800.547.2000, 760.448.8600, or visit our web site at www.HenryScheinOrtho.com.

STORAGE AND DISPENSERS

ITEM	DESCRIPTION	CATALOG NO.
	Sliding Bracket Trays and Rack Call for pre-loaded tray pricing. Individual sliding bracket trays are 5/16" tall x 5" wide x 2 5/8" deep. • Empty (10/pk) • Sliding Bracket Tray Rack (10/pk)	 **482-006** **482-006R**
	Chairside Bracket Dispenser Perfect for dispensing individual patient set-ups. Stores up to 10 cases of brackets. Limits handling and contamination. 4 1/16" x 6 1/16" x 5/6" (brackets not included) (10/pk)	**482-001**
	Safe-T-Bracket Tray™ Holder For single patient use. Excellent for transporting brackets to chairside. Adhesive circles hold one complete set-up of brackets and buccal tubes. 7 1/2" x 2 1/2" (brackets not included) (25/pk)	**482-002**
	Band Storage Cabinet Holds band tray inserts, which can be easily removed for chairside use. Note: Trays not included. Trays can be purchased separately. 11 1/2" x 7 1/4" x 7 1/2" Cabinet (trays not included)	**482-016**

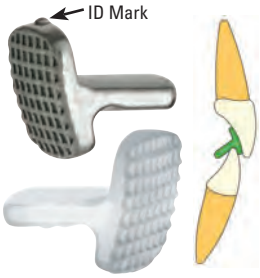
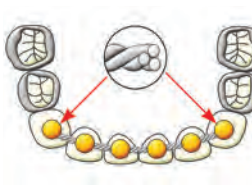
TRAY	CATALOG NO.	COVER	CATALOG NO.
Bracket	**482-013**	Bracket	**482-014**
Epic Band	**482-011**	*Epic* Band	**482-012**
Tempra Band	**482-018**	*Tempra* Band	**482-017**

	Silver Carousel Bracket Trays Silver with clear cover. Holds either 10 or 50 cases. Twist dial design reduces handling and contamination of brackets, which remain secure and easy to identify and access. • Holds 10 Cases (7" x 3/8") • Holds 50 Cases (6 1/4" x 5/8")	 **482-003S** **482-005**
	Band or Bracket Leatherette Cases Attractive cases for storage and dispensing of bands, band assemblies and brackets. Cases are silver. 7" long x 11" wide x 1" tall. Logo with Band Type on sides • *Epic/Tempra* Bands • Logo - Bracket • Logo - Bicuspid Bands	 **482-024** **482-025** **482-026**

DIRECT BOND LINGUAL ATTACHMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Direct Bond Eyelets with Chain (Eruption Appliances) Our direct bond eyelets have 1" chains that may be used full length, or trimmed as needed. They are biocompatible and large enough to thread power elastics through to provide traction in the desired direction to expose impacted teeth. **Opti-MIM Nickle-Lite Eyelet with Sterling Silver Chain (1/pk)** • 3.75 mm x 3 mm curved base • Micro-etched mesh base • One-piece construction	**430-005C**
	Gold Eruption Appliance – Round (5/pk) 24k gold plated for maximum biocompatibility • 3.5 mm diameter flat base • 80 gauge foil mesh base • Eyelet welded to base	**430-008**
	Gold Eruption Appliance – Rectangular (5/pk) 24k gold plated for maximum biocompatibility • 3.75 mm x 3 mm curved base • Micro-etched mesh base • One-piece construction	**430-009**
	Opti-MIM Direct Bond Eyelet (10/pk) This *Nickel-Lite* Eyelet can be easily bonded to any tooth. It offers better bond strength and a *Grip-LOK* Base.	**430-005**
	Opti-MIM Direct Bond Button (20/pk) Made of *Nickel-Lite* Material they are single unit Metal Injection Molded and tailored to conform to tooth surface. Features *Grip-LOK* Base.	**430-002**
	Opti-MIM Micro Direct Bond Lingual Button (10/pk) Made of *Nickel-Lite* Materials. Small size allows bonding in hard to access areas. Small radiused head ensures patient comfort and provides room to tie elastics or wires. Features *Grip-LOK* Base for greater bond strength.	**430-001**
	Opti-MIM Direct Bond Lingual Cleat (20/pk) Low-profile design with smooth ball hooks easily adjusted for elastic placement or other treatment purposes.	**430-004**

DIRECT BOND LINGUAL ATTACHMENTS

ITEM	DESCRIPTION	CATALOG NO.
	**Opti-MIM Bite Guides (10/pk)** One-piece unit which bonds directly to lingual side of the upper centrals to efficiently open a deep bite and/or advance the mandible. Simply reverse unit with respect to the ID mark for appropriate use. • Stainless steel • Composite	**430-006** **430-007**
	Composite Direct Bond Button (10/pk) Aesthetically pleasing button is smooth and radiused for enhanced patient comfort. Durable and stain resistant, the base is curved for an anatomical fit with dovetailed grooves on base for secure mechanical bond. Bond with any bonding adhesive with no extra primer necessary.	**430-000**
	Direct Bond Lingual Sheath (10/pk) Foil mesh pad, bonds directly to molars. .036 slotted, horizontal, latching indent. Fits left or right.	**971-032DB**
	Bondable Retainers Lower Cuspid-to-Cuspid (3x3) Made from heat treatable .032 wire and 80-gauge foil mesh pads for superior bond strength. May be fitted to study model or in some cases directly to patient. Kit (4 each of size in a convenient dispenser case: 20 total) Individual components (5/pk)	
	**Bondable Lingual Retainer Wire (20/pk)** Made of .032" stainless steel in tight twist which will not unravel when cut and facilitates bonding without end loops or bonding pads. Allows for long term stability with physiologic teeth movement. Bond any or all teeth in segment. 7" straight lengths	**433-040**

SIZE	CATALOG NO.	SIZE	CATALOG NO.
Kit	**433-000**	26 mm	**433-026**
22 mm	**433-022**	28 mm	**433-028**
24 mm	**433-024**	30 mm	**433-030**

ADHESIVES/CEMENTS | F

Adhesives. F-2
Band Cements F-7
Curing Light F-9
Auxiliaries. F-9
Conditioners. F-11

ITEM	DESCRIPTION	CATALOG NO.
EVEREST™ Orthodontic Adhesive	**Everest™ Light-Cure Orthodontic Adhesive** The smooth, tacky composite resin delivers ideal handling characteristics which eliminates bracket float and allows for easy flash clean up. Adhesive provides the optimum properties for bonding metal, ceramic, or plastic brackets using light-cure technology. Light-activation provides accurate bracket placement ensured by allowing for sufficient working time. Produces a strong light-cured chemical bond which also debonds predictably. Archwires can be placed immediately after fully curing the brackets. Contains fluoride to help protect against potential decalcification.	
	Everest Light-Cure Kit in Syringes Kit Includes: • 4 Push Syringes (3.5 grams ea.) • 1 Gel Etch Syringe (4 grams) • 1 Sealant Resin (7 ml) • 5 Syringe Tips (22-Gauge) • 2 Mixing Wells (10-Cavity) • 1 Mixing Pad • 50 Brushes • 1 Instruction For Use Sheet	**490-300**
	Everest Light-Cure Kit in Capsules Kit Includes: • 40 Capsules (.35 grams each) • 1 Sealant Resin (7 ml) • 1 Green Liquid Etchant (9 grams) • 1 Mixing Pad • 50 Brushes • 1 Instruction For Use Sheet	**490-320**
	Everest Dispensing Gun 1 Capsule Gun	**490-220**
	Everest Light-Cure Mini Kit Kit Includes: • 1 Push Syringe (3.5 grams) • 1 Sealant Resin (3 ml) • 1 Green Gel Etchant Syringe (4 grams) • 5 Syringe Tips (22-Gauge) • 5 Bonding Brushes • 1 Instruction For Use Sheet	**490-310**
	Everest Light-Cure Reorder Components	
	Light-Cure Adhesive Syringe Pack (4 Syringes, 3.5 grams ea.)	**490-111**
	4 Light-Cure Adhesive Single Syringe (3.5 grams ea.)	**490-112**
	40 Light-Cure Single Use Capsules (.35 grams ea.)	**490-221**
	1 Sealant Resin (7 ml)	**490-200**
	1 Gel Etchant Large Bottle (330 grams)	**490-209**
	1 Gel Etchant Small Bottle (57 grams)	**490-210**
	5 Mixing Pads	**490-505**
	1 Brush Holder	**490-504**
	100 Disposable Brushes	**490-510**
	50 Disposable Long-Handled Brushes	**490-520**

ADHESIVES

ITEM	DESCRIPTION	CATALOG NO.
EVEREST™ Orthodontic Adhesive	**Everest Low Viscosity, Light-Cure Flowable Adhesive** Everest Low Viscosity Light-Cure Flowable 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. This adhesive is ideal for bracket bases with greater than an 80-gauge mesh and 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.	
	Everest Low Viscosity Adhesive Kit Kit Includes: • 3 Flowable Adhesive Syringes (2 grams ea.) • 1 Green Etchant Syringe (1.6 grams) • 1 Light-Cure Enamel Bonding Sealant Resin (3 ml) • 25 Flowthru 22 Gauge Syringe Tips • 10 Bonding Brushes • 1 Instruction For Use Sheet	**490-330**
	Everest Low Viscosity Reorder Components	
	1 Low Viscosity Single Syringe (2 grams) with 10 Flowthru 22-Gauge Syringe Tips	**490-223**
	20 Low Viscosity Single Use Capsules (.35 grams ea.)	**490-222**
	1 Dispensing Gun Capsule Gun	**490-220**
	25 Low Viscosity Flowable Tips	**490-235**
	1 Sealant Resin (7 ml)	**490-200**
	1 Gel Etchant Large Bottle (330 grams)	**490-209**
	1 Gel Etchant Small Bottle (57 grams)	**490-210**
	1 Brush Holder	**490-504**
	100 Disposable Brushes	**490-510**
	5 Disposable Long-Handled Brushes	**490-520**

ADHESIVES

ITEM	DESCRIPTION	CATALOG NO.
EVEREST™ Orthodontic Adhesive	**Everest No-Mix Orthodontic Adhesive (Primer Activated) Bonding System** 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 adhesive resin delivers ideal handling characteristics which eliminate bracket flotation and allow for easy flash clean up. Archwires can be placed 5 minutes after bonding the last bracket. Contains fluoride to help protect against potential decalcification.	
	Everest No-Mix Orthodontic Adhesive Kit in Syringes (Primer-Activated) Kit Includes: • 4 Push Syringes (3.5 grams ea.) • 1 Enamel Catalyst Primer (9 ml) • 1 Gel Etchant Syringe (4 grams) • 5 Syringe Tips (22-Gauge) • 2 Mixing Wells (10-Cavity) • 1 Mixing Pad • 50 Brushes • 1 Instruction For Use Sheet	**490-340**
	Everest No-Mix Orthodontic Adhesive Mini Kit in Syringe (Primer-Activated) Kit Includes: • 1 Push Syringe (3.5 grams) • 1 Enamel Catalyst Primer (3 ml) • 1 Gel Etchant Syringe (4 grams) • 5 Syringe Tips (22-Gauge) • 5 Bonding Brushes • 1 Instruction For Use Sheet	**490-350**
	Everest Etchant Bonding Supplies Gel stays where placed without overflowing and provides highly visible contrast against tooth surfaces. Non-drying water soluble consistency with ideal medium viscosity. Traditional 37% Phosphoric acid.	
	Everest Gel Etch Kit, Economy Size Kit Includes: • 4 Syringes (4 grams ea.) • 20 Plastic Flowthru Tips (22-Gauge)	**490-360**
	Everest Gel Etch Mini Kit Kit Includes: • 1 Syringe (4 grams) • 5 Plastic Flowthru Tips (22-Gauge)	**490-370**
	Everest Etchant Reorder Components	
	1 Gel Etchant Large Bottle (330 grams)	**490-209**
	1 Gel Etchant Small Bottle (57 grams)	**490-210**
	1 Liquid Gel Etchant Large Bottle (29.6 ml)	**490-211**
	1 Liquid Gel Etchant Small Bottle (7 ml)	**490-212**
	25 Etchant Gel Needle Tips	**490-235**

ADHESIVES

ITEM	DESCRIPTION	CATALOG NO.
	Fuji ORTHO™ Automix Light-Cure (LC) Bracket Adhesive with Fluoride The Automix System simplifies application – ensuring a perfect mix each time. With the Automix System there is no need for hand mixing or an amalgamator. The adhesive mixes while it dispenses making application and preparation easy and stress free. **Longer working time** • Five full minutes of working time **Always the perfect mix** • Automix system makes preparation stress free, no measuring or hand mixing needed **No white spots** • Resin-reinforced orthodontic glass-ionomer adhesive - provides a long-term fluoride release which aides in the prevention of white spot lesions **Moisture tolerant** • Wet field compatibility **Blue color for bands** • Makes cement easier to distinguish from the tooth surface for easy removal	
	Fuji ORTHO Automix Light-Cure (LC) Starter Kit (Starts approximately 13 cases) Kit Includes: • 1 Paste Pak Cartridge (13.3 grams) • 1 Paste Pak Dispenser • 2 Ortho Gel Conditioner Syringes (1.4 grams each) • 20 Automix Mixing Tips • 5 Brushes for Conditioner	**480-112**
	Fuji ORTHO Automix Light-Cure (LC) Set (Starts approximately 13 cases) Kit Includes: • 1 Paste Pak Cartridge (13.3 grams) • 2 Ortho Gel Conditioner Syringes (1.4 grams each) • 20 Automix Mixing Tips • 15 Brushes for Conditioner	**480-114**
	Automix (LC) Reorder Components 2 Paste Pak Cartridges (13.3 grams each) 20 Automix Mixing Tips 3 Ortho Gel Conditioner Syringes (1.4 grams each) with 25 Brushes for Conditioner	**480-113** **480-115** **480-116**

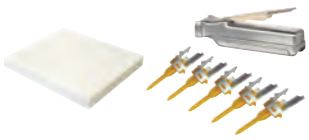
ADHESIVES

ITEM	DESCRIPTION	CATALOG NO.
	Fuji ORTHO Light-Cure (LC) Bonding Adhesives with Fluoride This light-cured resin modified glass-ionomer adhesive is suited for all bonding procedures. Placement in a moist field simplifies application and bonding. Light cures in as little as 40 seconds. Releases fluoride to help prevent decalcification. Pre-capsulation produces ideal bonding consistency in every mix. Bonding procedures can be performed more easily and efficiently.	
	Intro LC Kit (starts approx. 14 cases) Kit Includes: • Powder (15 grams) • Liquid (8 grams) • 1 Mixing Pad • 1 Measuring Spoon	**480-101**
	Standard LC Kit (starts approx. 34 cases) Kit Includes: • Powder (40 grams) • Liquid (16 grams) • 1 Mixing Pad • 1 Measuring Spoon	**480-102**
	Intro and Standard LC Reorder Components Conditioner (25 grams) Powder (40 grams) Liquid (8 grams)	**480-108** **480-106** **480-107**
	LC Capsules Starter Kit (starts approx. 25 cases) Pre-capsulation produces ideal bonding consistency in every mix. Kit Includes: • 50 Pre-measured and Sealed Capsules (that can be activated in an amalgamator) • 1 Metal Capsule Applier • 1 Bottle of Conditioner	**480-133**
	LC Capsule Reorder Components Capsules Refill Packages (50 capsules/starts approx. 25 cases) Metal Capsule Applier	**480-131**
	Fuji ORTHO Self-Cure (SC) Bonding Adhesives with Fluoride (Bond in Moist Field) This self-cured resin modified glass ionomer adhesive is ideally suited for bonding brackets. Placement in a moist field simplifies application and bonding procedures. Fluoride release helps prevent against decalcification and decay. Can be used with an etch or non-etch technique. As a self-curing adhesive, it is particularly useful in bonding situations in which light curing is neither possible nor desired.	
	Fuji ORTHO Standard SC Kit (starts approx. 34 cases) Kit Includes: • 1 Bottle of Powder (40 grams) • 2 Bottles of Liquid (8 grams, 6.8 ml each) • 1 Scoop • 1 Mixing Pad	**480-121**
	Fugi ORTHO SC Reorder Components Powder (40 grams) Liquid (8 grams) Conditioner (25 grams)	**480-126** **480-127** **480-108**

BAND CEMENTS

ITEM	DESCRIPTION	CATALOG NO.
EVEREST™ Orthodontic Adhesive	**Everest Light-Cure Band Cement** Provides a longer working time and a rapid setting time with its light-activated band cement in a single paste system. 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 help protect against potential decalcification.	
	Everest Light-Cure Orthodontic Band Cement Kit Kit Includes: • 6 Push Syringes (5 grams ea.)	**490-390**
	Everest Light-Cure Orthodontic Band Cement Reorder Components 1 Light-Cure Band Cement Refill Syringe (5 grams)	**490-230**
	Everest Powder/Liquid Band Cement Everest chemically bonds to enamel without the use of etchants. Using a two-part glass ionomer band cement system of powder and liquid, it has a low film thickness and will not wash out under bands. The final setting time is 6 to 7 minutes. Contains fluoride to help protect against potential decalcification.	
	Everest Glass Ionomer Cement Economy Kit Kit Includes: • 1 Powder (100 grams) • 2 Liquid (50 grams ea.) • 1 Mixing Pad • 1 Measuring Scoop • 1 Instruction For Use Sheet	**490-380**
	Everest Glass Ionomer Cement Starter Kit Kit Includes: • 1 Powder (50 grams) • 1 Liquid (50 grams) • 1 Mixing Pad • 1 Measuring Scoop • 1 Instruction For Use Sheet	**490-385**
	Everest Glass Ionomer Cement Reorder Components	
	1 Glass Ionomer Powder (50 grams)	**490-270**
	1 Glass Ionomer Liquid (50 ml)	**490-271**
	Everest Miscellaneous Reorder Components	
	50 Disposable Spatulas	**490-500**
	5 Brush Holders	**490-504**
	5 Mixing Pads	**490-505**
	5 Measuring Scoops	**490-506**
	100 Disposable Brushes	**490-510**
	50 Disposable Long-Handled Brushes	**490-520**
	10 Mixing Wells (2-Cavity)	**490-535**
	1 Dispensing Gun	**490-220**
	25 Etchant Gel Needle Tips & LV Flowable Tips	**490-235**

BAND CEMENTS

ITEM	DESCRIPTION	CATALOG NO.
	**Fuji ORTHO Automix Light-Cure Band Cement with Fluoride** Makes bonding faster and easier, the Automix systems dispenses the exact ratio so there is a perfect mix every time. Application is stress free with no need to measure, mix, or etch and paste placement is in a wet field. **Longer working time** • Five full minutes of working time **Always the perfect mix** • Automix system makes preparation stress free, no measuring or hand mixing needed **No white spots** • Resin-reinforced orthodontic glass-ionomer adhesive - provides a long-term fluoride release which aides in the prevention of white spot lesions **Moisture tolerant** • Wet field compatibility **Blue color for bands** • Makes cement easier to distinguish from the tooth surface for easy removal	
	Fuji ORTHO Automix Light-Cure Band Cement Starter Kit (enough to cement 56 bands) Kit Includes: • 2 Paste Pak Cartridges (13.3 grams each) • 1 Paste Pak Dispenser • 20 Automix Mixing Tips	**480-110**
	Fuji Ortho Automix Light-Cure Band Cement Reorder Components • 2 Paste Pak Cartridges (13.3 grams each) • 1 Mixing Pad	**480-111**
	Fuji ORTHO Band Cement Self-Cure (SC) Makes bonding faster and easier – the dispenser produces two pastes to the exact ratio so a strong bond can be achieved every time. The doctor or assistant mixes the paste for 15 seconds to a smooth, creamy consistency. The paste stays in place without running and is good for up to 3½ minutes. No etching is required and paste is placed in a wet field. Each kit contains enough paste to cement approximately 62 bands.	
	Fuji ORTHO Band Cement Self-Cure Kit (enough to cement 62 bands) Kit Includes: • 2 Paste Pak Cartridges (13.3 grams each) • 1 Paste Pak Dispenser • 1 Mixing Pad • 1 Mixing Spatula	**480-140**
	Fuji ORTHO Band Cement Self-Cure Reorder Components	
	2 Paste Pak Cartridges (13.3 grams each)	**480-141**
	1 Paste Pak Dispenser	**480-142**

CURING LIGHT/AUXILIARIES

ITEM	DESCRIPTION	CATALOG NO.
	Fusion™ 4 Ortho LED Curing Light* *Fusion 4* Ortho LED Curing Light is a high power, lower dispersion curing light that enables rapid bracket cures in only 3-5 seconds. This modular light is conveniently sized to fit in the palm of your hand and features a rechargeable smart lithium-ion battery for cordless use. This 2700-mW/cm² laser-sharp focused beam is activated through a sleek metal keypad that includes raised buttons including a large ON/OFF button for easy activation.	
	Fusion Curing Light Kit (Silver)	**506-0360**
	Fusion Curing Light Kit (Pink)	**506-0361**
	Fusion Curing Caps-13 mm (50/Pack)	**506-0375**
	Fusion Barrier Sleeves (100/pack)	**506-0370**
	Fusion Eye Shield	**506-0372**
	* Features a universal adapter for international use	
	Mini Sponge Applicators (200 Sponges in Plastic Jar) Specially designed for application of liquids, etches, and resins to teeth. Using tweezers, each sponge can be picked out from premoistened jar and dipped in liquid before applying to desired area. Mini sponges may be used during bonding to apply etchant or any liquid, such as primers, conditioners, etc.	**480-015**
	Gel Etch Econo-Syringe* Gel etch is made up of a green, 37% phosphoric acid formula and is dispensed from a large 12 gram syringe. * Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.	**470-162**

AUXILIARIES

ITEM	DESCRIPTION	CATALOG NO.
	Cheek Retractors For treatment with teeth in open or closed bite. Self-retaining. Can be cold sterilized. Excellent for photography. • Adult Cheek Retractors (2 per pack) • Teen Cheek Retractors (2 per pack) • Pedo Cheek Retractors (2 per pack) • Assortment Pack (one of each size)	 **300-020** **300-022** **300-021** **300-023**
	Adjustable Cheek Retractors Unique bow design allows adjustment to ensure comfortable fit. Can withstand temperatures up to 400°F. Fully sterilizable. (1 per pack)	**300-015**
	Lip Retractors Transparent plastic lip retractors have long handles so they can be held easily. Excellent for photography. Rounded edges. Can be cold sterilized. (2 per pack) • Standard Lip Retractors • Mini Lip Retractors	 **300-025** **300-026**
	Double End Lip Retractors Features both a pedo and teen/adult size. Comfortable and easy to hold, yet allows an excellent field of vision for treatment and photographs. Can withstand temperatures of 370°F/188°C. Amber tint identifies it as an autoclavable plastic instrument. (2 per pack)	**300-027**
	Retract EEZ® Photo Lip Retractor Excellent for occlusal photographs with easy to grip handles, a great anatomical fit, plus angled handles. Can be cold sterilized, as well as autoclaved, though heat sterilization may cause hazing of the material.	**300-029**
	Combo Cheek Expander Perform two tasks at once; expand the cheeks while simultaneously depressing the tongue for unrestricted access to the whole mouth. Can withstand temperatures of 370°F/188°C. Amber tint identifies it as an autoclavable plastic instrument. • Small • Medium • Large	 **300-016** **300-017** **300-018**
	Tongue Shield – Latex Free Combination of two bite blocks and a vertical shield. The shield prevents the tongue from touching the lingual surface of the anterior teeth. Center hole allows for insertion of saliva ejector. Excellent during bonding procedures. Can be cold sterilized. (Pink, 3 per pack) • Adult/Teen • Child/Pedo	 **300-030** **300-031**

AUXILIARIES/CONDITIONERS

ITEM	DESCRIPTION	CATALOG NO.
	Disposable Tongue Block Available in two sizes to accommodate pedo or teen/adults. These strawberry scented tongue blocks keep the mouth open, with the jaw muscles in a relaxed state while keeping the tongue away from the bonding area. Designed with comfort and convenience in mind, these blocks are soft enough to trim with scissors if needed and feature openings to accommodate the Saliva Ejector (optional) and its companion Adapter Tube (optional). (20 per pack) • Small • Medium	 **300-032** **300-033**
	Disposable Saliva Ejector and Adapter Tube Attachments for Disposable Tongue Block The Saliva Ejector is a perforated tube that's used to suction saliva from the patient's mouth. Constructed of medical grade vinyl tubing, it features a soft metal insert that enables the practitioner to shape it to best fit the individual patient. The companion Adapter Tube links the Saliva Ejector to the practitioner's vacuum system by a quick connect tip which speeds device changes. (3 per pack) • Saliva Ejector • Adapter Tube	 **300-034A** **300-034B**
	Fuji ORTHO Gel Conditioner This gel conditioner is 20% polyacrylic acid, and is designed to mildly condition enamel. For easy application, the conditioner is available in syringes, with 25 disposable brush tips (3 syringes, 1.4 grams each, 25 tips).	**480-116**
	Power Bond™ O.L.C. Light-Cured Bonding Conditioner Increases bond strength dramatically. Ideal for bonding to acrylic, composite or metal surfaces or any enamel surface where maximum adhesion is desired. Pre-mixed, one-step conditioner should be brushed on dry etched enamel prior to applying adhesive. This conditioner ensures a strong bond. *Power Bond* O.L.C. (7 grams)	**471-062**
	Advantage Porcelain Bonding Conditioner Prepares dental porcelain for metal or ceramic bond brackets. Primer is a saline coupling agent which helps to chemically bond the adhesive to the porcelain. Porcelain Conditioner (16 cc)	**480-013**
	Plastic Bracket Conditioner Prepares plastic brackets for direct bonding. Brush on base prior to applying adhesive. Provides a strong bond between the bracket base and adhesive. Must be refrigerated when not in use. (10 cc)	**470-170**

ARCHWIRES | G

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Australian Super Plus™ Archwires G-25

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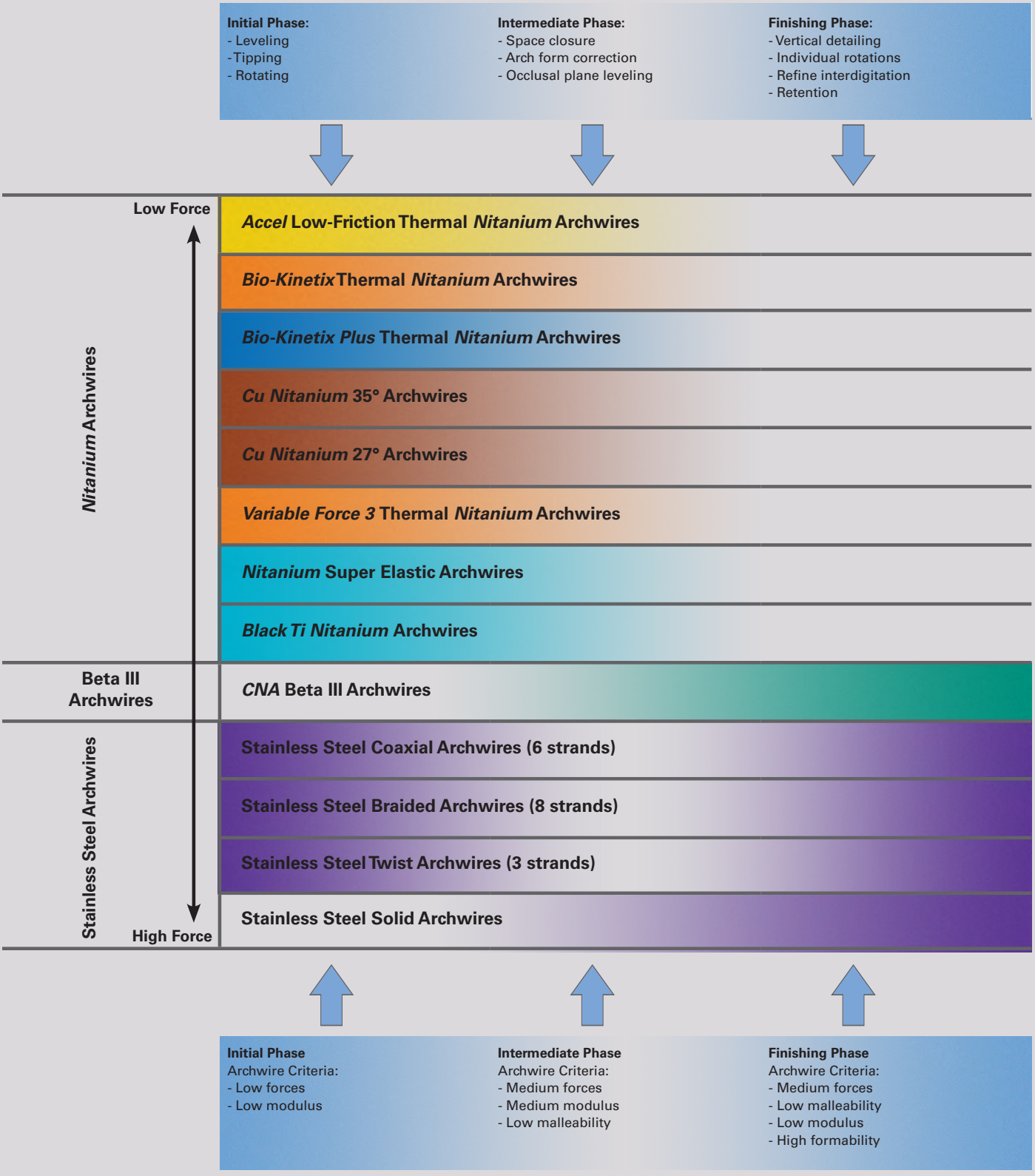
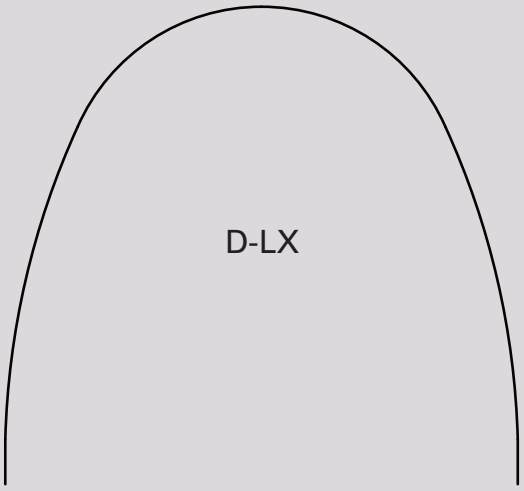
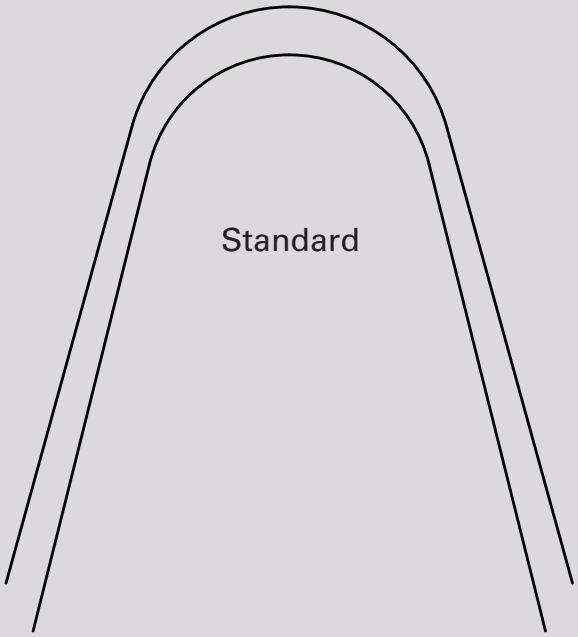
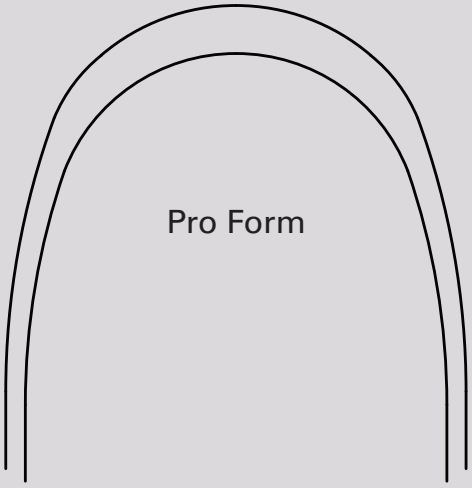
ARCHWIRES
Selection Throughout the Stage of Treatment

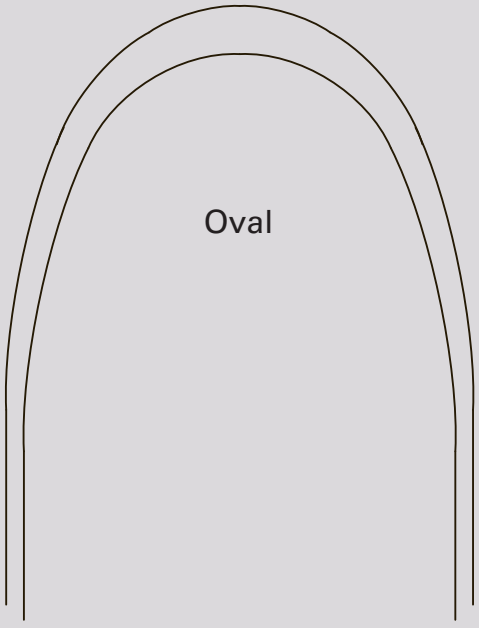


ARCHWIRE FORMS









The *Dimple*® Centermark is available on our nickel titanium and *Cu Nitanium* Archwires. This vertical protrusion, which is placed at the centerline of the wire, helps prevent the archwire from sliding through the bracket or out of the buccal tube. Also eliminates the need for cinching behind the buccal tubes. The *Dimple* is still the most efficient, most economical way to prevent archwire slipping.

CU NITANIUM ARCHWIRES

CU NITANIUM 27° ARCHWIRES

CU NITANIUM 35° ARCHWIRES

Copper. A Natural Transition.

Cu Nitanium Archwires are truly comparable to *Ormco®'s Copper Ni-Ti™* Archwires* and refined using the most advanced technology for greater treatment predictability and control. The unique thermal properties of copper enhance the *Nitanium* Archwires for a precise control of forces, while maintaining excellent flexibility. Made of the highest quality materials, *Cu Nitanium* Archwires provide fast, natural, and reliable results for optimal patient outcomes.

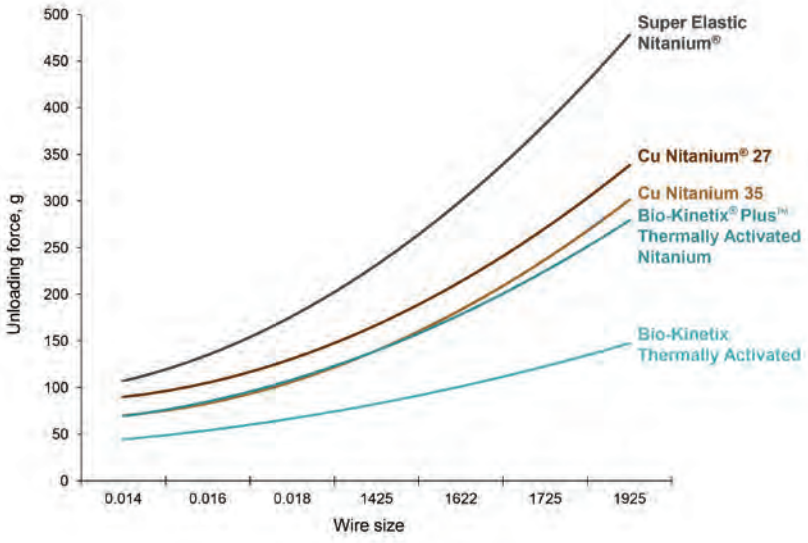
The addition of copper:

- Enhances the thermal properties of *Nitanium* providing superior flexibility for easier placement, in even the most severe cases, while maintaining precise control of forces
- Offers higher resistance to deformation, resulting in fewer wire changes
- Provides smooth and continuous loading and unloading forces for extended working time
- Facilitates a controlled force-deflection curve for an optimal biological response and faster treatment
- Delivers consistent forces through reliable transformation temperatures for a predictable and gentle treatment

Available in two archwire series options to fit your treatment needs:

- ***Cu Nitanium* 27°C Archwires** –This wire series provides optimal nickel titanium force levels with the additional flexibility required for easy placement in crowded cases and comfortable tooth movement.
- ***Cu Nitanium* 35°C Archwires** –This wire series is activated at body temperature to facilitate easy engagement, consistent forces, and efficient tooth movement using transitional temperature changes back and forth between the "soft" martensite state and "firm" austenite state.

Wire Portfolio



Cu Copper Nitanium®

CU NITANIUM ARCHWIRES

CU NITANIUM 27° ARCHWIRES

CU NITANIUM 35° ARCHWIRES

Cu Copper Nitanium Archwires	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape with Dimple	Oval Arch Form III Shape	Oval Arch Form III Shape with Dimple	*D-LX* Shape Universal (Damon Shape)	*D-LX* Shape Universal w/Stops (Damon Shape)
Cu Nitanium 27°C Archwires	**10/single-pack pouches**	**10/pack**	**10/pack**	**10/pack**	**10/pack**	**10/single-pack pouches**	**10/single-pack pouches**
.013	—	—	—	—	—	103-191	103-191ST
.014 Upper	109-542	109-142	109-242	109-342	109-442	103-192	103-192ST
.014 Lower	109-543	109-143	109-243	109-343	109-443		
.016 Upper	109-544	109-144	109-244	109-344	109-444	103-193	103-193ST
.016 Lower	109-545	109-145	109-245	109-345	109-445		
.018 Upper	109-546	109-146	109-246	109-346	109-446	103-194	103-194ST
.018 Lower	109-547	109-147	109-247	109-347	109-447		
.014 x .025 Upper	109-548	109-148	109-248	109-348	109-448	103-195	103-195ST
.014 x .025 Lower	109-549	109-149	109-249	109-349	109-449		
.016 x .022 Upper	109-550	109-150	109-250	109-350	109-450	—	—
.016 x .022 Lower	109-551	109-151	109-251	109-351	109-451	—	—
.016 x .025 Upper	109-552	109-152	109-252	109-352	109-452	103-196	103-196ST
.016 x .025 Lower	109-553	109-153	109-253	109-353	109-453		
.017 x .025 Upper	109-554	109-154	—	109-354	—	103-197	103-197ST
.017 x .025 Lower	109-555	109-155	—	109-355	—		
.018 x .025	—	—	—	—	—	103-198	103-198ST
.019 x .025 Upper	109-558	109-158	—	109-358	—	103-199	103-199ST
.019 x .025 Lower	109-559	109-159	—	109-359	—		
Cu Nitanium 35°C Archwires							
.016 Upper	109-562	109-162	109-262	109-362	109-462	—	—
.016 Lower	109-563	109-163	109-263	109-363	109-463	—	—
.018 Upper	109-564	109-164	109-264	109-364	109-464	—	—
.018 Lower	109-565	109-165	109-265	109-365	109-465	—	—
.016 x .022 Upper	109-568	109-168	109-268	109-368	109-468	—	—
.016 x .022 Lower	109-569	109-169	109-269	109-369	109-469	—	—
.017 x .017 Upper	109-570	109-170	109-270	109-370	109-470	—	—
.017 x .017 Lower	109-571	109-171	109-271	109-371	109-471	—	—
.017 x .025 Upper	109-572	109-172	109-272	109-372	109-472	103-200	103-200ST
.017 x .025 Lower	109-573	109-173	109-273	109-373	109-473		
.018 x .025 Upper	109-574	109-174	109-274	109-374	109-474	—	—
.018 x .025 Lower	109-575	109-175	109-275	109-375	109-475	—	—
.019 x .025 Upper	109-576	109-176	109-276	109-376	109-476	103-201	103-201ST
.019 x .025 Lower	109-577	109-177	109-277	109-377	109-477		
.020 x .020 Upper	109-578	109-178	109-278	109-378	109-478	—	—
.020 x .020 Lower	109-579	109-179	109-279	109-379	109-479	—	—

*Data on file.

Ormco is a registered trademark of *Ormco* Corporation.

VARIABLE FORCE 3 THERMAL NITANIUM ARCHWIRES

VARIABLE FORCE 3 THERMAL NITANIUM ARCHWIRES

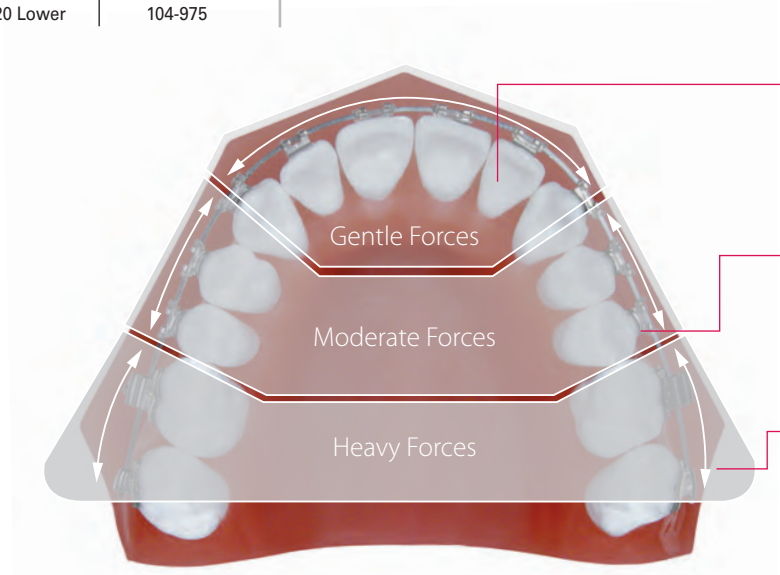
	Pro Form Arch Shape
	10/pack
.016 Upper	104-954
.016 Lower	104-955
.018 Upper	104-956
.018 Lower	104-957
.016 x .016 Upper	104-960
.016 x .016 Lower	104-961
.016 x .022 Upper	104-962
.016 x .022 Lower	104-963
.017 x .025 Upper	104-966
.017 x .025 Lower	104-967
.018 x .018 Upper	104-968
.018 x .018 Lower	104-969
.018 x .025 Upper	104-970
.018 x .025 Lower	104-971
.019 x .025 Upper	104-972
.019 x .025 Lower	104-973
.020 x .020 Upper	104-974
.020 x .020 Lower	104-975

The *Variable Force 3* Archwire is a heat activated, multi-force, nickel titanium archwire with three distinct force regions. The *Variable Force 3* Archwire places the correct force to the appropriate region (anterior, bicuspid, and posterior) of the arch to quickly torque, level, and align, without sacrificing patient comfort. It could take multiple archwire changes with any other archwire to achieve the same level and alignment results.

In addition, the archwire is easy to place because the thermal mechanics allow the wire to stay soft when not in the mouth, and once placed the warmth of the mouth allows the archwire to take on its memory shape. This thermal, *Nitanium* Archwire has a multi-step manufacturing process which consistently creates three different zones of forces along the archwire. The *Variable Force 3* Archwire provides forces that range from 50 grams in the anterior, and up to 300 grams in the posterior region, depending on the archwire size.

One archwire provides the benefits of three archwires:

- Distinct forces to the anterior, bicuspid, and posterior regions
- Ideal biological forces for efficient tooth movement
- Reduced number, and frequency, of archwire changes
- Allows for longer treatment intervals
- Greater patient comfort
- Superior shape integrity
- Available in round or rectangular dimensions



Anterior region of arch form has the lowest heat-activated force, as anterior teeth have the lightest roots.

The force increases through the **bicuspid region**, maintaining a slightly greater heat-activated force to move larger rooted bicuspids.

Posterior region

BIO-KINETIX THERMALLY ACTIVATED NITANIUM ARCHWIRES

BIO-KINETIX THERMAL NITANIUM ARCHWIRES

	Pro Form Arch Shape	Pro Form Arch Shape with Dimple	Oval Arch Form III Shape	D-LX Shape Universal (Damon Shape)
	10/pack	10/pack	10/pack	10/pack
.012 Upper	100-850	—	—	—
.012 Lower	100-851	—	—	—
.014 Upper	100-852	100-852DM	101-462	—
.014 Lower	100-853	100-853DM	101-463	—
.016 Upper	100-854	100-854DM	101-464	—
.016 Lower	100-855	100-855DM	101-465	—
.018 Upper	100-856	100-856DM	101-466	—
.018 Lower	100-857	100-857DM	101-467	—
.014 x .025 Upper	—	100-872DM	—	—
.014 x .025 Lower	—	100-873DM	—	—
.016 x .016 Upper	100-860	—	101-470	—
.016 x .016 Lower	100-861	—	101-471	—
.016 x .022 Upper	100-862	—	101-472	—
.016 x .022 Lower	100-863	—	101-473	—
.016 x .025 Upper	—	100-874DM	—	—
.016 x .025 Lower	—	100-875DM	—	—
.017 x .025 Upper	100-864	—	101-474	—
.017 x .025 Lower	100-865	—	101-475	—
.018 x .025 Upper	100-866	100-866DM	101-478	—
.018 x .025 Lower	100-867	100-867DM	101-479	—
.019 x .025 Upper	100-868	—	101-480	—
.019 x .025 Lower	100-869	—	101-481	—
.021 x .025 Upper	100-870	—	—	—
.021 x .025 Lower	100-871	—	—	—
.021 x .027 Upper	100-876	—	—	103-123
.021 x .027 Lower	100-877	—	—	

A heat-activated *Nitanium* Archwire, specifically designed for consistent performance and low tooth moving forces, the *Bio-Kinetix* Thermally Activated *Nitanium* Archwire provides outstanding resiliency and demonstrates ultimate thermal performance. The archwire is soft at room temperature allowing for easy ligation.

Benefits of using the *Bio-Kinetix* Thermally Activated *Nitanium* Archwire:

- Excellent shape integrity and shape memory for a heat-activated archwire
- Temperature Transition Range (TTR) = 80°-90°F (26.7°-32.2°C)
- Optimum and consistent performance
- Easy ligation at room temperature
- Outstanding resiliency
- Offers slightly lower forces than the *Bio-Kinetix Plus* Thermally Activated *Nitanium* Archwire
- Ideal for use during cases that have significant crowding
- Very responsive to chilling which allows patient to ease discomfort with cold temperature items
- Low force provides greater patient comfort, and helps control torque early in treatment

BIO-KINETIX PLUS THERMALLY ACTIVATED NITANIUM ARCHWIRES

BIO-KINETIX PLUS THERMAL NITANIUM ARCHWIRES

	Pro Form Arch Shape	Oval Arch Form III Shape	D-LX Shape Universal (Damon Shape)
	10/pack	10/pack	Single Pack 10/pack
.013 Upper	104-124	104-150	103-100
.013 Lower	104-125	104-151	
.014 Upper	104-126	104-152	103-101
.014 Lower	104-127	104-153	
.016 Upper	104-128	104-154	103-102
.016 Lower	104-129	104-155	
.018 Upper	104-130	104-156	103-103
.018 Lower	104-131	104-157	
.014 x .025 Upper	104-132	104-158	103-104
.014 x .025 Lower	104-133	104-159	
.016 x .016 Upper	104-134	104-160	–
.016 x .016 Lower	104-135	104-161	–
.016 x .022 Upper	104-136	104-162	–
.016 x .022 Lower	104-137	104-163	–
.016 x .025 Upper	104-138	104-164	103-105
.016 x .025 Lower	104-139	104-165	
.017 x .025 Upper	104-140	104-166	–
.017 x .025 Lower	104-141	104-167	–
.018 x .025 Upper	104-142	104-168	103-106
.018 x .025 Lower	104-143	104-169	
.019 x .025 Upper	104-144	104-170	–
.019 x .025 Lower	104-145	104-171	–
.021 x .025 Upper	104-146	–	–
.021 x .025 Lower	104-147	–	–

The *Bio-Kinetix Plus* Archwire is ideal for early- to mid-stage treatment with moderate to severe crowding. This wire is best suited for the initial stage of treatment because it is easy to engage. Once the wire is placed, it then reacts to the heat in a patient's mouth and exerts a light, continuous force as it returns to its original shape.

Made from an advanced nickel titanium alloy, the *Bio-Kinetix Plus* Archwire exhibits improved resiliency resulting in an archwire that is measurably more resistant to permanent set (deformation). In addition, the advanced thermal properties found in the archwire display a narrower transformation band from martensite to austenite which gives the archwire a "crisp" response as it moves between the "soft" and "stiff" state.

Etched Midlines:
- Upper - 3 black marks
- Lower - 1 black mark

Features of the *Bio-Kinetix Plus* Archwire:
- Forces fall directly between *Bio-Kinetix* Thermally Activated *Nitanium* Archwires and Super Elastic *Nitanium* Archwires
- Temperature Transition Range (TTR) = 65°- 75°F (18.3° - 23.9°C)
- Utilizes shape memory and super elastic properties to move teeth
- Excellent shape characteristics and resiliency
- Wire is slightly thermal at room temperature for easy ligation
- Responsive to chilling for easier ligation
- Has a smooth finish for minimal friction

CARRIERE SYSTEM ARCHWIRES

CU NITANIUM 27° ARCHWIRES

CU NITANIUM 35° ARCHWIRES

BIO-KINETIX THERMAL NITANIUM ARCHWIRES

CNA BETA III ARCHWIRES

	Cu Nitanium 27°C Archwires	Cu Nitanium 35°C Archwires	CNA Beta III Archwires	Bio-Kinetix Thermal Nitanium Archwires
	D-LX Shape Universal (Damon Shape) w/ EZ Stops	D-LX Shape Universal (Damon Shape) w/ EZ Stops	D-LX Shape Universal (Damon Shape)	D-LX Shape Universal (Damon Shape)
	Single Pack 10/pack	Single Pack 10/pack	Single Pack 10/pack	Single Pack 10/pack
.013	103-191C	—	—	—
.014	103-192C	—	—	—
.014 x .025	103-195C	—	—	—
.017 x .025	—	103-200C	—	—
.019 x .025	—	103-201C	103-120C	—
.021 x .027	—	—	—	103-123C

Carriere Archwires Complement the *Carriere SLX* Bracket System

Our new passive self-ligating system incorporates more than ten clinician inspired enhancements – all designed to enable you to finish treatment more quickly and with the degree of quality that you expect. Try the SLX System today, and see why it's a game changer for you, your patients, and your practice.

Carriere Cu Nitanium Archwires with the Innovative *EZ Stops* System*

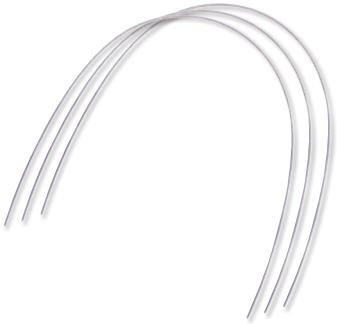
This new crimpable archwire stop delivery system provides smooth positioning. The unique holder allows clinicians to quickly position the tube stop in a precise location for crimping on the archwire. Threading a crimpable tube stop onto an archwire is quick and easy. No more lost stops!

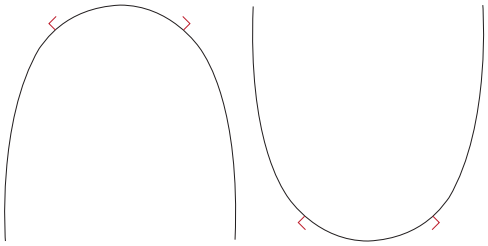
- No more frustration with sticky sliding
- Easy-to-see
- Easy-to-grip
- Pre-threaded on each archwire
- Sterilizable by steam autoclave

Description/Size	Item Numbers
EZ Stops Small (.019"), Qty 20	430-101
EZ Stops Large (.030"), Qty 20	430-102

* Call for availability.

ANDREWS^2 APPLIANCE





Optimal arches are essential for optimal occlusion. Andrews^2 Archwires have the features needed to treat arches to optimal standards efficiently.

- .014, .016 Nitanium® Super Elastic Wires have flexibility for initial aligning and rotations
- .014, .016 stainless steel wires have a balance of flexibility and rigidity for initial aligning and leveling
- .016, .018 stainless steel wires have a balance of flexibility and rigidity for leveling, correcting arch shape, and for mesiodistal translation
- .018 x .025 Ortholoy-Blue (heat treatable) stainless steel wires are for inclining and fine tuning

Flexibility:
Arches can be effectively and efficiently treated to optimal standards by using the most appropriate Andrews^2 Appliance prescription in combination with the most suitable Andrews^2 Archwires in terms of flexibility.

Shape:
The Andrews^2 Archwires are preformed to match the average shape of the 120 non-orthodontic normal study casts used in the "Six Keys to Normal (Optimal) Occlusion" study. Like any preformed archwire, its shape must be customized to each patient's unique anatomy.

Length:
The overall length can usually be customized with one cut.

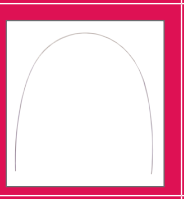
Pre-Posted Archwire Option:
For each arch, the small, medium, and large distances between the posts means one of the 3 will fit 90% of the normal patient population.

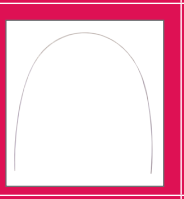
ANDREWS^2 APPLIANCE

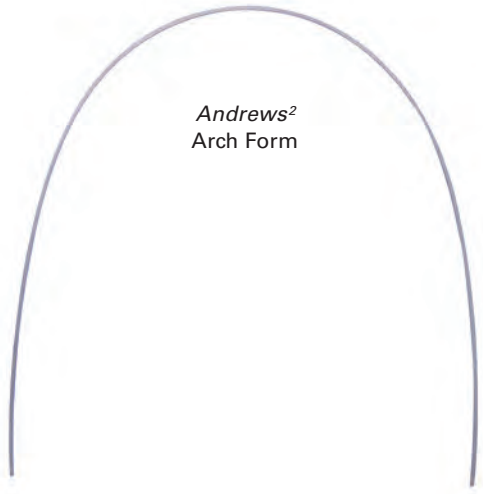
NITANIUM SUPER ELASTIC ARCHWIRES

STAINLESS STEEL SOLID ARCHWIRES

	Nitanium Super Elastic Archwire	Stainless Steel Archwire	Ortholoy-Blue Archwire
	Andrews^2 Arch Form	Andrews^2 Arch Form	Andrews^2 Arch Form
	Single Pack 10/pack	Single Pack 10/pack	Single Pack 10/pack
.014 Upper	112-140	112-100	–
.014 Lower	112-141	112-101	–
.016 Upper	112-142	112-102	–
.016 Lower	112-143	112-103	–
.018 Upper	112-144	112-104	–
.018 Lower	112-145	112-105	–
.017 x .025 Upper	112-146	–	–
.017 x .025 Lower	112-147	–	–
.018 x .025 Upper	–	–	112-172
.018 x .025 Lower	–	–	112-173

	Stainless Steel Pre-Posted Archwire
	 Andrews^2 Arch Form
	Single Pack 10/pack
.016 Pre-Posted Upper	
33 mm posted	112-106
37 mm posted	112-116
41 mm posted	112-126
.016 Pre-Posted Lower	
24 mm posted	112-107
28 mm posted	112-117
32 mm posted	112-127
.018 Pre-Posted Upper	
33 mm posted	112-108
37 mm posted	112-118
41 mm posted	112-128
.018 Pre-Posted Lower	
24 mm posted	112-109
28 mm posted	112-119
32 mm posted	112-129

	Ortholoy-Blue Pre-Posted Archwire
	 Andrews^2 Arch Form
	Single Pack 10/pack
.018 x .025 Pre-Posted Upper	
33 mm posted	112-174
37 mm posted	112-178
41 mm posted	112-182
.018 x .025 Pre-Posted Lower	
24 mm posted	112-175
28 mm posted	112-179
32 mm posted	112-183



SUPER ELASTIC NITANIUM ARCHWIRES

NITANIUM SUPER ELASTIC ARCHWIRES

	Pro Form Arch Shape	Pro Form Arch Shape with Dimple	Oval Arch Form III Shape	*Andrews*^{2} Arch Form	Spooled
	10/pack	10/pack	10/pack	Single Pack 10/pack	10' Roll
.012 Upper	100-658	–	101-430	–	100-894
.012 Lower	100-659	–	101-431	–	
.014 Upper	100-650	100-800	101-432	112-140	100-895
.014 Lower	100-651	100-801	101-433	112-141	
.016 Upper	100-652	100-802	101-434	112-142	100-896
.016 Lower	100-653	100-803	101-435	112-143	
.018 Upper	100-654	100-804	101-436	112-144	100-897
.018 Lower	100-655	100-805	101-437	112-145	
.020 Upper	100-656	100-806	101-438	–	–
.020 Lower	100-657	100-807	101-439	–	–
.016 x .016 Upper	100-660	100-808	101-440	–	–
.016 x .016 Lower	100-661	100-809	101-441	–	–
.016 x .022 Upper	100-662	100-810	101-442	–	–
.016 x .022 Lower	100-663	100-811	101-443	–	–
.017 x .025 Upper	100-664	100-812	101-444	112-146	–
.017 x .025 Lower	100-665	100-813	101-445	112-147	–
.018 x .018 Upper	100-670	–	101-446	–	–
.018 x .018 Lower	100-671	–	101-447	–	–
.018 x .025 Upper	100-666	100-814	101-448	–	–
.018 x .025 Lower	100-667	100-815	101-449	–	–
.019 x .025 Upper	100-668	100-816	101-450	–	–
.019 x .025 Lower	100-669	100-817	101-451	–	–
.020 x .020 Upper	100-672	–	–	–	–
.020 x .020 Lower	100-673	–	–	–	–
.021 x .025 Upper	–	–	101-452	–	–
.021 x .025 Lower	–	–	101-453	–	–

Looking for a great archwire for early- to mid-stage treatment? The Super Elastic *Nitanium* Archwire is a perfect choice. This archwire remains constantly active, reducing the number of archwire changes. In addition, it provides slightly less force than our *Black-Ti* Super Elastic *Nitanium* Archwire, and is fully austenitic at room temperature so that the material is constantly springy, and will immediately return to its original shape after flexing through the bracket slots.

Due to its high flexibility and resiliency, the archwire completely recovers from bends and deformation of angles up to 45°, and even up to 75° in some cases!

The Super Elastic *Nitanium* Archwire offers:

- Moderate, consistent force for efficient tooth movement
- Greater patient comfort during treatment than found with stainless steel archwires
- Excellent resiliency with high flexibility
- Responsive to chilling, 45-60° F (7.2-15.6°C)
- Near consistent force between archwire changes
- Rectangular archwire offers ability to simultaneously level and add torque and rotation earlier in treatment
- Available with either a dimple mid-line or center-mark

TORQUED WITH 20˚ ANTERIOR TORQUE SUPER ELASTIC NITANIUM ARCHWIRES

NITANIUM SUPER ELASTIC ARCHWIRES

	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape
	5/pack	5/pack	Single Pack 5/pack	Single Pack 5/pack	Single Pack 5/pack
Length	**.017 x .025**	**.019 x .025**	**.016 x .025**	**.017 x .025**	**.019 x .025**
28 mm	101-835	101-841	—	—	—
34 mm	101-836	101-842	103-107	103-109	103-111
38 mm	101-837	101-843	103-108	103-110	103-112

Excellent choice for adding extra torque in the anterior segment. We take our *Nitanium* Archwire with the *Pro Form* shape and add 20° additional torque in the anterior while maintaining non-torque in the posterior regions, and introduce torque in the upper centrals and laterals. The lower, torqued archwires allow the lower anteriors to be negatively torqued to help compensate for the rebound factor after removal of the archwire.

- Provides 20° anterior torque
- Three anterior torque segment widths available
- Early introduction of torque in upper centrals and laterals
- Provides uprighting torque in the lower anterior segment
- Labial or lingual torque forces available by reversing wire orientation
- Ideal for passive, self-ligating bracket systems
- *Nitanium* material provides lower forces compared to stainless steel alternatives, as well as shape memory benefits for better resiliency, and longer activation range

3 sizes: .016" x .025", .017" x .025" and .019" x .025" archwire size (5 per pack)

The *Nitanium* Torqued Archwire should be placed in the upper arch with the I.D. mark facing gingival, and placed in the lower arch with the I.D. mark facing occlusally.

BLACK-TI SUPER ELASTIC NITANIUM ARCHWIRES

NITANIUM BLACK-TI ARCHWIRES

	Pro Form Arch Shape with Dimple
	10/pack
.012 Upper	101-901
.012 Lower	101-902
.014 Upper	101-903
.014 Lower	101-904
.016 Upper	101-905
.016 Lower	101-906
.018 Upper	101-907
.018 Lower	101-908
.020 Upper	101-909
.020 Lower	101-910
.016 x .016 Upper	101-911
.016 x .016 Lower	101-912
.016 x .022 Upper	101-913
.016 x .022 Lower	101-914
.017 x .025 Upper	101-915
.017 x .025 Lower	101-916
.018 x .025 Upper	101-917
.018 x .025 Lower	101-918
.019 x .025 Upper	101-919
.019 x .025 Lower	101-920
.021 x .025 Upper	101-921
.021 x .025 Lower	101-922

Achieve faster results with the *Black-Ti* Super Elastic *Nitanium* Archwire. This archwire produces 30% less friction between the bracket and wire than a traditional nickel titanium archwire. The ultra smooth, hard black oxide surface allows your patients to get to the finishing stage sooner by providing better sliding mechanics in early- and mid-stage treatment.

Why use the *Black-Ti* Super Elastic *Nitanium* Archwire?

- Reduces sliding friction by 30%
- Excellent shape characteristics and resiliency
- The ultra smooth, hard, black oxide surface is a natural characteristic of the archwire and not a coating
- Will not chip, wear, or peel
- Looks similar to regular nickel titanium archwires when in the mouth
- Economically priced compared to other friction-reducing archwires
- Our highest force, super elastic nickel titanium archwire
- The dimple, mid-line indication ensures accurate wire placement, and keeps wires from slipping

CNA BETA III NICKEL-FREE ARCHWIRES

CNA BETA III ARCHWIRES

	Pro Form Arch Shape	Oval Arch Form III Shape	14" Straight	D-LX Shape Universal (Damon Shape)
	5/pack	10/pack	5/pack	Single Pack 10/pack
.016 Upper	100-941	101-504	101-003	—
.016 Lower	100-951	101-505		—
.018 Upper	100-942	101-506	101-004	—
.018 Lower	100-952	101-507		—
.032	—	—	101-022	—
.036	—	—	101-024	—
.016 x .016 Upper	100-960	—	101-007	—
.016 x .016 Lower	100-961	—		—
.016 x .022 Upper	100-944	101-512	101-008	—
.016 x .022 Lower	100-954	101-513		—
.016 x .025 Upper	—	—	—	103-118
.016 x .025 Lower	—	—	—	
.017 x .025 Upper	100-945	101-514	101-009	103-119
.017 x .025 Lower	100-955	101-515		
.018 x .018 Upper	100-946	101-516	101-010	—
.018 x .018 Lower	100-956	101-517		—
.018 x .025 Upper	100-947	101-518	101-011	—
.018 x .025 Lower	100-957	101-519		—
.019 x .025 Upper	100-948	101-520	101-012	103-120
.019 x .025 Lower	100-958	101-521		
.021 x .025 Upper	100-949	—	101-013	—
.021 x .025 Lower	100-959	—		—

These nickel-free beta titanium alloy archwires were developed with the assistance of Dr. Ravindra Nanda. An excellent alternative over TMA archwires, the *CNA* Beta III Nickel-Free Archwire displays superb formability for placement of loops and bends reducing important chairside time. In addition, the flexibility makes it the perfect archwire for use during the mid-to-late stages of treatment.

Due to its ease of bending, the *CNA* Beta III Nickel-Free Archwire, is ideal for use when the following is required:

- Custom tipping
- Aligning
- Space closure
- Rotation
- Tooth movement

In addition, doctors are moving to the *CNA* Beta III Nickel-Free Archwire over the TMA because:

- *CNA* Archwire does not break as easily as TMA
- The *CNA* Archwire has a smooth, high-polish finish which provides less friction
- It is easier to form loops and bends with the *CNA* Archwire
- Once intended shape is formed, the archwire maintains its integrity

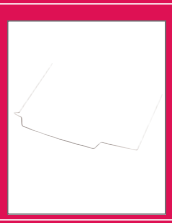
Choose the *CNA* Beta III Nickel-Free Archwire and you'll be able to move patients into a rectangular archwire more quickly to correct torque. Not to mention, you'll be able to work on root correction, and even over correction is possible by inserting bends.

We offer the *CNA* Archwire in preformed, arched, or straight. The preformed option is also available under the Connecticut Intrusion Arch Form (see following page).

CONNECTICUT INTRUSION ARCHWIRES (CIA)

NITANIUM SUPER ELASTIC ARCHWIRES

CNA BETA III ARCHWIRES

	Super Elastic Nitanium Archwires	Super Elastic Nitanium Archwires	CNA Beta III Archwires
	Short	Long	Long
	5/pack	5/pack	5/pack
.016 x .022 Upper	100-980	100-981	100-971
.016 x .022 Lower	100-982	100-983	100-973
.017 x .025 Upper	100-984	100-985	100-975
.017 x .025 Lower	100-986	100-987	100-977

Developed in consultation with Dr. Ravindra Nanda, this archwire is a great tool for providing absolute intrusion of anterior teeth, molar tip-back, incisor flaring, leveling of anterior occlusal cants, and more! Our CIA Archwire is available in either *Nitanium* or nickel-free *CNA*, in both maxillary and mandibular forms. The force may be adjusted by increasing or decreasing the bend at the posterior leg of the arch.

The CIA Archwire offers the following benefits:

- Use the long (upper/lower) archwires for non-extraction and/or long arches
- Use the short (upper/lower) archwire for extraction and/or shorter arches

Nitanium version of the CIA Archwire

- Provides moderate, continuous forces over a large activation range
- Super elastic qualities
- For use with adult or mixed dentition

CNA Beta Nickel-free version of the CIA Archwire

- Nickel-free archwire
- Recommended for use in adult patients
- Ideal for following NiTi treatment
- Best for extraction patients treated with sliding mechanics; the archwire may be used for intraoral anchorage
- Accepts permanent bends which allows force adjustment and cinch back

REVERSE CURVE OF SPEE (R.C.S.) ARCHWIRES

We offer three Reverse Curve of Spee (R.C.S.) archwire shapes to meet your curve of spee correction needs. All three shapes are carefully finished to ensure the archwire slides easily through the bracket slot while applying continuous force for ideal movement. R.C.S. Archwires may be used for bite correction, or with springs and elastomerics for retraction.

R.C.S. Archwires are best suited for:
- Preventing molar tipping and rotations
- Maintaining anterior torque
- Initial leveling and aligning
- Arch consolidation and expansion
- Deep and open bite correction
- Retraction of flared, protruding incisors

The R.C.S. Archwires are available in both *Nitanium* and heat-activated *Bio-Kinetix Nitanium*:

***Nitanium* Super Elastic R.C.S. Archwires**
Nitanium R.C.S. Archwires provide light-to-moderate, constant forces. These archwires are flexible, and exhibit excellent resiliency. We offer the *Nitanium* R.C.S. Archwires in the following forms:

- **Standard *Nitanium* R.C.S. Archwires:** Most popular "rocking chair" curve with a moderate radius, which provides the maximum retraction efficiency with fewer archwire changes.

- **Straight Leg R.C.S. Archwires:** The anterior portion of the wire has a rocking horse curve and the legs of the wire are flat and level. Straight legs do not toe-in the molar, they help to tilt back molars for anchorage purposes. The wire easily puts curve of spee on the upper arch, and can be used to torque the molars buccally. Intrusion or extrusion of anterior teeth can also be accomplished. When flipped, it can be used to expand the lower arch. This is truly a multi-functional arch!

- ***Dimple Nitanium* R.C.S. Archwires:** Has a shallower radius than our standard R.C.S. Archwire, providing gentle movement and exerting lighter forces when correcting the curve. This wire is also easier to place and has a dimple mid-line to help prevent the wire from sliding.

Heat-activated *Bio-Kinetix Nitanium* R.C.S.

Thermal *Bio-Kinetix Nitanium* R.C.S. Archwires are heat-activated archwires with shape-memory. These archwires are soft at room temperature for easy ligation and then become fully active in the mouth. The gentle forces remain consistent throughout placement so that placement of the archiwre is noticeably more comfortable for the patient. In addition, the superb flexibility reduces the chances for the debonding of the brackets.

Thermal *Bio-Kinetix Nitanium* Archwires are available in the standard *Nitanium* R.C.S. shape that has a moderate radius, and a deeper rocking-chair radius.

REVERSE CURVE OF SPEE (R.C.S.) ARCHWIRES

NITANIUM SUPER ELASTIC ARCHWIRES

BIO-KINETIX THERMAL NITANIUM ARCHWIRES

	Super Elastic Nitanium				Bio-Kinetix Thermally Activated Nitanium	Cu Nitanium 27°c
	RCS	RCS Dimpled	RCS Single Pack	RCS with Straight Legs	RCS	D-LX Archform RCS with Straight Legs
	10/pack	10/pack	Single Pack 5/pack	10/pack	10/pack	Single Pack 5/pack
.014 Upper	100-599	—	—	100-700	—	—
.014 Lower	100-600	—	—	100-701	—	—
.016 Upper	100-601	100-582	—	100-702	100-765	—
.016 Lower	100-602	100-583	—	100-703	100-766	—
.018 Upper	100-603	100-584	—	100-704	—	—
.018 Lower	100-604	100-585	—	100-705	—	—
.020 Upper	—	—	—	100-706	—	—
.020 Lower	—	—	—	100-707	—	—
.016 x .016 Upper	—	—	—	100-708	—	—
.016 x .016 Lower	—	—	—	100-709	—	—
.016 x .022 Upper	100-605	100-590	—	100-710	100-769	—
.016 x .022 Lower	100-606	100-591	—	100-711	100-770	—
.016 x .025 Universal	—	—	—	—	—	103-186
.017 x .025 Upper	100-607	100-592	103-113	100-712	100-771	—
.017 x .025 Lower	100-608	100-593		100-713	100-772	—
.018 x .025 Upper	—	100-594	—	100-714	—	—
.018 x .025 Lower	—	100-595	—	100-715	—	—
.019 x .025 Upper	100-609	100-596	103-114	100-716	—	—
.019 x .025 Lower	100-610	100-597		100-717	—	—

AESTHETIC ARCHWIRES

Aesthetic archwires are ideal for use with aesthetic brackets to help provide an invisible appearance of orthodontic appliances. We offer three styles of aesthetic archwires to meet your professional needs: Super Elastic *Nitanium* Tooth Tone Archwires, Stainless Steel Tooth Tone Plastic Coated Archwires, and Micro-Coated *Bio-Kinetix* Thermal Archwires.

Super Elastic *Nitanium* Tooth Tone Archwires

Super Elastic *Nitanium* Tooth Tone Plastic Coated Archwires have a plastic, friction-reducing, tooth-colored coating which blends with natural dentition as well as ceramic, plastic, and composite brackets. Stain and crack resistant, the arch maintains it original color over time, and will not crack when deflected or bent.

This archwire displays the same features as non-aesthetic Super Elastic Archwires:

- Moderate, consistent force for efficient tooth movement
- Greater patient comfort during treatment than found with stainless steel archwires
- Excellent resiliency with high flexibility
- Responsive to chilling, 45-60° F (7.2-15.6°C)
- Near consistent force between archwire changes
- Rectangular archwire offers ability to simultaneously level and add torque and rotation earlier in treatment
- Available with a dimple center-mark

Micro-Coated *Bio-Kinetix* Thermal Archwires

Now made with a whiter coating…the micro-coated thermal *Nitanium* Archwire's entire width is in metal and only the labial side of the wire is coated in bright white to enhance aesthetics.

Additional benefits of using the Micro-Coated *Bio-Kinetix* Thermally Activated *Nitanium* Archwire:

- Excellent shape integrity and memory for a heat-activated archwire
- Optimum and consistent performance
- Easy ligation at room temperature
- Outstanding resiliency
- Offers slightly lower forces than the *Bio-Kinetix* Plus Thermally Activated *Nitanium* Archwire
- Ideal in helping with significant crowding cases
- Very responsive to chilling which allows patient to subdue discomfort with cold, temperature items
- Low force provides greater patient comfort and helps control torque early in treatment

***Pearl Tone*® Preformed Ligature Wires**

- Layered with a super smooth non-stick coating
- Brackets glide effortlessly along the archwire
- *Pearl Tone* white in .012" wire diameter

AESTHETIC ARCHWIRES

NITANIUM SUPER ELASTIC ARCHWIRES

STAINLESS STEEL SOLID ARCHWIRES

	S.E. NiTi Tooth Tone Plastic Coated Archwires	Stainless Steel Tooth Tone Plastic Coated Archwires	Micro-Coated Bio-Kinetix Thermal Archwires
	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape
	10/pack	10/pack	10/pack
.012 Upper	100-878	—	—
.012 Lower	100-879	—	—
.014 Upper	100-880	—	—
.014 Lower	100-881	—	—
.016 Upper	100-882	—	101-854W
.016 Lower	100-883	—	101-855W
.018 Upper	100-884	—	101-856W
.018 Lower	100-885	—	101-857W
.016 x .016 Upper	—	—	101-860W
.016 x .016 Lower	—	—	101-861W
.016 x .022 Upper	100-886	101-174	101-862W
.016 x .022 Lower	100-887	101-175	101-863W
.017 x .025 Upper	—	—	101-864W
.017 x .025 Lower	—	—	101-865W
.018 x .018 Upper	100-887A	—	101-866W
.018 x .018 Lower	100-887B	—	101-867W
.018 x .024Upper	100-887C	101-176	—
.018 x .024 Lower	100-887D	101-177	—
.018 x .025 Upper	100-888	—	101-868W
.018 x .025 Lower	100-889	—	101-869W
.019 x .025 Upper	100-890	—	101-870W
.019 x .025 Lower	100-891	—	101-871W
.021 x .027 Upper	100-892	101-180	—
.021 x .027 Lower	100-893	101-181	—

Conversion Table	
Plastic Coated Archwires	Uncoated Archwires
.012	.010
.014	.012
.016	.014
.018	.016
.016 x .022	.014 x .020
.018 x .018	.016 x .016
.018 x .025	.016 x .023
.019 x .025	.017 x .023

ADJUSTABLE UTILITY ARCHWIRES

Adjustable preformed utility archwires have a convenient 3 mm step-down to fit all situations. Both legs may be adjusted to achieve the desired length. These wires are very popular for use in mixed dentition cases. They are available in three different metals: stainless steel, *Nitanium* Super Elastic, and *Bio-Kinetix* Thermal NiTi.

Stainless Steel Utility Archwire
An adjustable preformed utility archwire with a 3 mm step-down to fit all situations. Both legs may be adjusted to desired length. Very popular for use in mixed dentition cases.

***Nitanium* Adjustable Utility Archwire**

The *Nitanium* anterior segment and stainless steel posterior segments are joined by inconel tubing which allows for precise adjustments in arch length. The 3 mm step-down allows gentle forces to be applied to anterior teeth. The stainless steel posterior provides the heavier forces required to rotate or upright molars, open or close bites and perform other adjustments. Highly recommended for mixed and adult dentition cases.

- More rapid tooth movement without root resorption
- Relief from pain in closed-bite T.M.J. cases
- Frictionless alignment of upper and lower anteriors
- Reduces chair-and-treatment time
- Allows for use of auxiliary springs
- Easy, rapid mid-line corrections
- Reduces bicuspid extractions

***Bio-Kinetix* Thermal NiTi Utility Archwire**

The *Bio-Kinetix* Utility Arch is identical in design and function to our very popular and successful stainless steel and *Nitanium* Utility arches, but uses an anterior wire that offers lighter continuous *Nitanium* forces from the same wire diameter. The result is an adjustable utility arch with a .016 wire in the anterior, for proper slot engagement, producing light forces similar to that expected from .014 wire. It employs the elastic and shape memory characteristics found in the *Nitanium* Utility arch series, and will provide the same predictable results that have come to be expected from our current utility archwires. All of this delivers a gentle, more forgiving movement, enhancing treatment and patient comfort.

ADJUSTABLE UTILITY ARCHWIRES

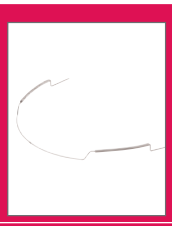
BIO-KINETIX THERMAL NITANIUM ARCHWIRES

NITANIUM SUPER ELASTIC ARCHWIRES

STAINLESS STEEL SOLID ARCHWIRES

	Stainless Steel	Super Elastic Nitanium		Bio-Kinetix Thermally Activated Nitanium
	10/pack	5/pack	5/pack	5/pack
Length*	.016 x .016**	.018**	.016 x .016**	.016**
24 mm Lower	—	—	100-279	—
28 mm Lower	100-314	100-273	100-276	100-283
34 mm Upper	100-334	100-274	100-277	100-284
38 mm Upper	100-338	100-275	100-278	100-285
42 mm Upper	100-342	100-275L	100-280	—

UTILITY ARCHWIRE KIT (9 PACKS OF 5) WITH ARCHWIRE RACK
CATALOG NO. 105-019

	Super Elastic Nitanium		Stainless Steel
	5/pack	5/pack	5/pack
Length*	.018	.016 x .016	.016 x .016
28 mm Lower	5	5	5
34 mm Upper	5	5	5
38 mm Upper	5	5	5

UTILITY ARCHWIRE STARTER KIT (9 PACKS OF 2) WITH ARCHWIRE RACK
CATALOG NO. 105-019S

	Super Elastic Nitanium		Stainless Steel
	2/pack	2/pack	2/pack
Length*	.018	.016 x .016	.016 x .016
28 mm Lower	2	2	2
34 mm Upper	2	2	2
38 mm Upper	2	2	2

* Millimeter size is a measurement of anterior arch from one 90° bend to the other 90° bend.

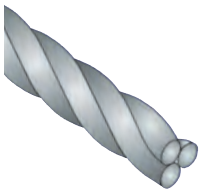
** All Utility Archwires have .016" x .016" stainless steel posterior archwires.

MULTI-STRAND ARCHWIRES

Nitanium Multi-Strand Archwires
The Super Elastic NiTi Braid 8 Archwire is an eight-strand super elastic nitinol wire with great flexibility and low stiffness. The Super Elastic NiTi Braid 8 Archwire may be used in the initial stages of treatment to gently level and align while providing torque control with full slot engagement. This wire is also effective in the later stages of treatment by holding the desired torque, but providing additional vertical correction to finish your case.

Stainless Steel Multi-Strand Archwires
We offer three versions of stainless steel multi-strand, preformed archwires: twist archwire — three strands, coaxial archwire — six strands, and braided archwire — eight strands.

Stainless Steel Twist Archwires — Three Strands

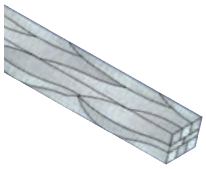


This archwire is three fine, round twisted strands that form a single wire.
This wire provides:
- Gentle leveling during early-treatment stages
- Greater deflection before elastic limit is reached
- No fraying when cut
- Bright surface finish
- Moderate force, but drops quickly as teeth move
- Moderate resiliency; measurably better than solid stainless steel wire

Stainless Steel Coaxial Archwires — Six Strands

This archwire consists of five equal-size wires wrapped around a single, same-size core wire.
This wire provides:
- Good resilience, allowing bends to a greater degree than ordinary twist archwire
- A great archwire for the initial treatment stage — good for initial alignment
- Bright finish
- Low to moderate forces
- Short activation time, forces drop quickly as teeth move

Stainless Steel Braided Archwires — Eight Strands



This archwire consists of eight fine, equal-sized Type 302SS wires braided tightly and rolled to the most popular square and rectangle wire sizes. This wire provides the following:
- Super resiliency allowing for early application in treatment
- Fills edgewise slot while offering torque control
- Excellent archwire to use when transitioning from round to rectangular shape
- Easy to ligate
- Low forces
- Does not fray when cut
- Great for aligning and for finishing
- Rectangle wires can be used for added torque control

The Twist and Coaxial Archwires are available in straight length, which can be used for retainers and lingual arches. The precision formed wires can be cut without unraveling. Retainer wires are medium/hard temper to facilitate forming retainers and lingual arches.

MULTI-STRAND ARCHWIRES

NITANIUM SUPER ELASTIC ARCHWIRES

STAINLESS STEEL TWIST, COAXIAL, AND BRAIDED (3, 6, 8 STRANDS) ARCHWIRES

	Super Elastic NiTi Braid 8	Stainless Steel Twist Archwires (3 Strands)			Stainless Steel Coaxial Archwires (6 strands)				Stainless Steel Braided Archwires (8 stands)	
	Pro Form Arch Shape	Pro Form Arch Shape	Standard Arch Shape	14" Straight	Pro Form Arch Shape	Standard Arch Shape	Spooled	14" Straight	Pro Form Arch Shape	Standard Arch Shape
	10/pack	20/pk Round 10/pk Square	20/pack	20/pack	20/pack	20/pack	30'	20/pack	10/pack	10/pack
.015 Upper	–	100-301	100-201	100-208	100-351	100-251	100-358	100-258	–	–
.015 Lower	–	100-302			100-352				–	–
.0175 Upper	–	100-303	100-202	100-209	100-353	100-252	100-359	100-259	–	–
.0175 Lower	–	100-304			100-354				–	–
.0195 Upper	–	100-305	100-203	100-210	100-355	–	100-360	100-260	–	–
.0195 Lower	–	100-306			100-356	–			–	–
.0215 Upper	–	–	–	100-211	–	–	–	–	–	–
.0215 Lower	–	–	–		–	–	–	–	–	–
.016 x .016 Upper	–	–	–	–	–	–	–	–	100-380	100-370
.016 x .016 Lower	–	–	–	–	–	–	–	–	100-381	
.016 x .022 Upper	–	100-231	–	–	–	–	–	–	100-382	100-371
.016 x .022 Lower	–	100-232	–	–	–	–	–	–	100-383	
.017 x .025 Upper	100-376	100-234	–	–	–	–	–	–	100-384	100-372
.017 x .025 Lower	100-377	100-235	–	–	–	–	–	–	100-385	
.018 x .025 Upper	–	–	–	–	–	–	–	–	100-386	100-373
.018 x .025 Lower	–	–	–	–	–	–	–	–	100-387	
.019 x .025 Upper	–	–	–	–	–	–	–	–	100-388	100-374
.019 x .025 Lower	–	–	–	–	–	–	–	–	100-389	
.021 x .025 Upper	100-378	–	–	–	–	–	–	–	100-390	–
.021 x .025 Lower	100-379	–	–	–	–	–	–	–	100-391	–

STAINLESS STEEL ARCHWIRES

Stainless steel archwires are specifically designed for use with the Straight Archwire Technique. Stainless steel archwires may be used throughout the entire treatment, but are best suited for mid-to-late stages of treatment. A special alloy in the archwire provides maximum spring while minimizing fracturing.

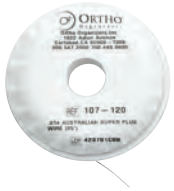
Stainless Steel Archwires are:

- Pre-heat treated
- Excellent for use with all orthodontic/orthopedic techniques
- Available in two finishes: bright or gold
- Available straight or in four different arch forms to accommodate all your preferences
- Straight 14" length diamond drawn to exact tolerances for optimal resilience for every orthodontic application
- Excellent working characteristics, accepts severe bends with minimal fracturing, and is easily soldered

Etched Mid lines for arches:

- Upper — 3 black marks
- Lower — 1 black mark

Australian Super Plus Archwires



Features high strength and spring back with improved bending quality. This wire is ideal for high-force applications.

Ortholoy-Blue Straight Archwires

Ortholoy-Blue heat treatable archwires are available in blue temper (the softest, most popular temper). This archwire may be used "as is," welded with low heat, or soldered. Besides uses for welding and soldering, utilize this archwire when considerable bending is required because it will not fracture. Excellent for use with edgewise arches, lingual arches, retainers, and removable appliances.

STAINLESS STEEL ARCHWIRES

STAINLESS STEEL SOLID ARCHWIRES

	Stainless Steel - Golden Archwires	Stainless Steel - Bright Archwires					Australian Super Plus Archwires	Ortholoy-Blue
	Pro Form Arch Shape	Pro Form Arch Shape	Oval Arch Form III Shape	Standard Arch Shape	*Andrews*[2] Arch Form	14" Straight	Spooled	14" Straight
	50/pack Round 10/pack Square	50/pack Round 10/pack Square	50/pack Round 10/pack Square	50/pack Round 10/pack Square	Single Pack 10/pack	20/Pack Round 10/pack Square	25'	20/pack Round 10/pack Square
.012 Upper	100-120	100-160	—	—	—	100-012	—	—
.012 Lower	100-121	100-161	—	—	—		—	—
.014 Upper	100-100	100-140	101-402	100-544	112-100	100-014	107-120	—
.014 Lower	100-110	100-150	101-403	100-545	112-101			—
.016 Upper	100-101	100-141	101-404	100-546	112-102	100-016	107-121	—
.016 Lower	100-111	100-151	101-405	100-547	112-103			—
.018 Upper	100-102	100-142	101-406	100-548	112-104	100-018	107-122	—
.018 Lower	100-112	100-152	101-407	100-549	112-105			—
.020 Upper	100-103	100-143	101-408	100-550	—	100-020	107-123	—
.020 Lower	100-113	100-153	101-409	100-551	—			—
.022 Upper	—	—	—	—	—	100-022	—	—
.022 Lower	—	—	—	—	—		—	—
.025	—	—	—	—	—	100-025	—	—
.028	—	—	—	—	—	100-028	—	—
.030	—	—	—	—	—	100-030	—	100-067
.032	—	—	—	—	—	100-032	—	100-068
.036	—	—	—	—	—	100-036	—	100-069
.040	—	—	—	—	—	100-040	—	—
.045	—	—	—	—	—	100-045	—	—
.016 x .016 Upper	—	—	—	—	—	—	—	100-080
.016 x .016 Lower	—	—	—	—	—	—	—	
.016 x .022 Upper	—	—	—	—	—	—	—	100-081
.016 x .022 Lower	—	—	—	—	—	—	—	

STAINLESS STEEL ARCHWIRES CONTINUED

STAINLESS STEEL SOLID ARCHWIRES

	Stainless Steel - Golden Archwires	Stainless Steel - Bright Archwires					Ortholoy-Blue
	Pro Form Arch Shape	Pro Form Arch Shape	Oval Arch Form III Shape	Standard Arch Shape	D-LX Shape Universal (Damon Shape)	14" Straight	*Andrews*[2] Arch Form
	50/pack Round 10/pack Square	50/pack Round 10/pack Square	50/pack Round 10/pack Square	50/pack Round 10/pack Square	Single Pack 10/pack	20/pack Round 10/pack Square	Single Pack 10/pack
.016 x .016 Upper	100-104	100-144	101-410	100-553	—	100-046	—
.016 x .016 Lower	100-114	100-154	101-411	100-554	—		—
.016 x .022 Upper	100-105	100-145	101-412	100-555	—	100-047	—
.016 x .022 Lower	100-115	100-155	101-413	100-556	—		—
.016 x .025 Upper	—	—	—	—	103-115	—	—
.016 x .025 Lower	—	—	—	—		—	—
.017 x .017 Upper	100-105B	—	—	—	—	—	—
.017 x .017 Lower	100-115B	—	—	—	—	—	—
.017 x .025 Upper	100-106	100-146	101-414	100-557	103-116	100-049	—
.017 x .025 Lower	100-116	100-156	101-415	100-558			—
.018 x .018 Upper	100-106B	—	101-416	—	—	—	—
.018 x .018 Lower	100-116B	—	101-417	—	—	—	—
.018 x .025 Upper	100-107	100-147	101-418	100-559	—	100-051	112-172
.018 x .025 Lower	100-117	100-157	101-419	100-560	—		112-173
.019 x .025 Upper	100-108	100-148	101-420	100-561	103-117	100-052	—
.019 x .025 Lower	100-118	100-158	101-421	100-562			—
.021 x .025 Upper	100-109	100-149	101-422	100-563	—	100-053	—
.021 x .025 Lower	100-119	100-159	101-423	100-564	—		—
.022 x .016 Upper	100-122	—	—	—	—	—	—
.022 x .016 Lower	100-123	—	—	—	—	—	—

SPECIALTY ARCHWIRES/MUSHROOM LOOPED CNA SUPER ELASTIC NITANIUM ARCHWIRES

STAINLESS STEEL ARCHWIRES

CNA BETA III ARCHWIRES

SPECIALTY ARCHWIRES

Excellent for use during:
- Closing of space
- Arch aligning
- Anterior intuition
- Retractions
- Anterior retraction
- Elastic engagement

Mushroom Looped | Keyhole Looped | T-Looped | V-Looped | Posted

	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape
	5/pack	5/pack	5/pack
Length*	.016 x .022	.017 x .025	.019 x .025
Kit (36 wires & storage rack included)	106-400	106-420	106-440
24 mm	106-402	106-422	106-442
26 mm	106-403	106-423	106-443
28 mm	106-404	106-424	106-444
30 mm	106-405	106-425	106-445
32 mm	106-406	106-426	106-446
34 mm	106-407	106-427	106-447
36 mm	106-408	106-428	106-448
38 mm	106-409	106-429	106-449
40 mm	106-410	106-430	106-450
52 mm	106-416	106-436	106-456
56 mm	106-418	106-438	106-458

The *Mushroom Looped* Archwire is made of *CNA* Beta III Nickel-Free Wire, which is an advanced special-memory alloy material. The *Mushroom Looped* Archwire has an improved loop shape which increases the efficiency of space closure, anterior intrusion, retraction, and elastic engagement. In addition, the rounded gingival portion of the loop, unlike the traditional T-Looped and similar archwires, is more anatomically shaped resulting in a tissue friendly appliance. Therefore, you will find an increase in patient comfort and satisfaction. We recommend using sizes 24 mm to 40 mm for loop activation between the lateral and cuspid; use sizes 52 mm and 56 mm for loop activation between the cuspid and bicuspid. The *Mushroom Looped* Archwire is available in two packaging options: packs of 5 or in a kit (4 each of size 24 mm to 40 mm: 36 total).

Product features:
- Nickel-Free Beta Titanium
- Bendable
- Smooth, polished surface
- Lower force
- Larger activation range
- Gradual force decay

Treatment benefits:
- Space closure
- Provides anterior intrusion/retraction
- Allows torque or root movement of incisors
- Control of root position of posterior teeth
- Pre-formed loops and consistent force reduce chair time
- Archwire segments can be activated independently

* Millimeter size is an inside measurement around arch form between loops.

KEYHOLE LOOPED STAINLESS STEEL ARCHWIRES

STAINLESS STEEL SOLID ARCHWIRES

	Twin (2) Loop Design			Quad (4) Loop Design		
	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape
	10/pack	10/pack	10/pack	10/pack	10/pack	10/pack
Length*	.016 x .022	.017 x .025	.019 x .025	.016 x .022	.017 x .025	.019 x .025
Kit (100 wires & storage rack included)	125-120	125-140	125-180	126-120	126-140	126-180
22 mm	125-121	125-141	125-181	126-121	126-141	126-181
24 mm	125-122	125-142	125-182	126-122	126-142	126-182
26 mm	125-123	125-143	125-183	126-123	126-143	126-183
28 mm	125-124	125-144	125-184	126-124	126-144	126-184
30 mm	125-125	125-145	125-185	126-125	126-145	126-185
32 mm	125-126	125-146	125-186	126-126	126-146	126-186
34 mm	125-127	125-147	125-187	126-127	126-147	126-187
36 mm	125-128	125-148	125-188	126-128	126-148	126-188
38 mm	125-129	125-149	125-189	126-129	126-149	126-189
40 mm	125-130	125-150	125-190	126-130	126-150	126-190
42 mm	125-131	125-151	125-191	126-131	126-151	126-191
44 mm	125-132	125-152	125-192	126-132	126-152	126-192

Our Keyhole Looped Stainless Steel Archwires are used to gently close spaces with the ideal stiffness to maintain arch form.

This wire is available in two millimeter increments from 22 mm to 44 mm, with two or four Keyhole Loops, as well as a kit containing 100 assorted sizes.

- Versatile in closing spaces, retractions, and arch alignment
- Used in sliding mechanics for extraction space closure and in non-extraction Class II cases
- Available in twin (2) looped design and in quad (4) looped design
- Available in kits “balanced size” of 100 archwires
- Also available in individual packs of 10 archwires

* Millimeter size is an inside measurement around arch form between loops.

T-LOOPED STAINLESS STEEL ARCHWIRES

STAINLESS STEEL SOLID ARCHWIRES

	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape
	10/pack	10/pack	10/pack
Length*	**.016 x .022**	**.017 x .025**	**.019 x .025**
Kit (60 wires & storage rack included)	125-300	125-320	125-360
24 mm	125-302	125-322	125-362
26 mm	125-303	125-323	125-363
28 mm	125-304	125-324	125-364
30 mm	125-305	125-325	125-365
32 mm	125-306	125-326	125-366
34 mm	125-307	125-327	125-367
36 mm	125-308	125-328	125-368
38 mm	125-309	125-329	125-369
40 mm	125-310	125-330	125-370
42 mm	125-311	125-331	125-371
44 mm	125-312	125-332	125-372
46 mm	125-313	125-333	125-373

These archwires increase the efficiency of space closure, retraction, and elastic engagement.

V-LOOPED WITH CUSPID OFFSET HIGH-TENSILE STAINLESS STEEL ARCHWIRES

	5/pack
Length*	**.016**
Kit**	107-151
22 mm	107-146
24 mm	107-147
26 mm	107-148
28 mm	107-149
30 mm	107-152
32 mm	107-153
34 mm	107-154
36 mm	107-155
38 mm	107-156
40 mm	107-157
42 mm	107-158
44 mm	107-159

The V-Looped Archwire is made of high-tensile, stainless steel with similar properties of the Australian Wires.

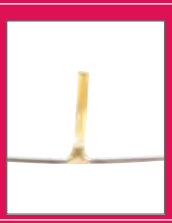
- Versatile in closing open bites, space closure, retraction, and elastic engagement
- Great for use with our *Tip-Edge* Rx-1 Brackets and our *Coralex* Brackets
- Available in kits "balanced size" of 24 archwires
- Available in individual packs of 5 archwires
- Also available in two millimeter increments from 22 mm to 44 mm

** Kit includes:

- 1 Rack (Catalog No. 120-000)
- 1 Rack Cover (Catalog No. 120-006MC)
- 1 White Flexible Ruler (Catalog No. 120-022)
- 2 of Each Archwire: 22 mm to 44 mm (24 Archwires)

POSTED STAINLESS STEEL ARCHWIRES

STAINLESS STEEL SOLID ARCHWIRES

	Stainless Steel Solid Archwires								Ortholoy-Blue
	*Andrews*^{2} Arch Form	*Andrews*^{2} Arch Form	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape	Pro Form Arch Shape	*Andrews*^{2} Arch Form
	Single Pack 10/pack	Single Pack 10/pack	10/pack	10/pack	10/pack	10/pack	10/pack	10/pack	Single Pack 10/pack
Length*	**.016**	**.018**	**.018**	**.020**	**.016 x .022**	**.017 x .025**	**.018 x .025**	**.019 x .025**	**.018 x .025**
22 mm Lower	—	—	112-022	113-022	114-022	121-022	117-022	111-022	—
24 mm Lower	112-107	112-109	112-024	113-024	114-024	121-024	117-024	111-024	112-175
26 mm Lower	—	—	112-026	113-026	114-026	121-026	117-026	111-026	—
28 mm Lower	112-117	112-119	112-028	113-028	114-028	121-028	117-028	111-028	112-179
30 mm Lower	—	—	112-030	113-030	114-030	121-030	117-030	111-030	—
32 mm Upper	—	—	102-032	103-032	104-032	121-032	107-032	101-032	—
32 mm Lower	112-127	112-129	—	—	—	—	—	—	112-183
33 mm Upper	112-106	112-108	—	—	—	—	—	—	112-174
34 mm Upper	—	—	102-034	103-034	104-034	121-034	107-034	101-034	—
36 mm Upper	—	—	102-036	103-036	104-036	121-036	107-036	101-036	—
37 mm Upper	112-116	112-118	—	—	—	—	—	—	112-178
38 mm Upper	—	—	102-038	103-038	104-038	121-038	107-038	101-038	—
40 mm Upper	—	—	102-040	103-040	104-040	121-040	107-040	101-040	—
41 mm Upper	112-126	112-128	—	—	—	—	—	—	112-182
42 mm Upper	—	—	102-042	103-042	104-042	121-042	107-042	101-042	—
44 mm Upper	—	—	102-044	103-044	104-044	121-044	107-044	101-044	—

Posted Archwire Kits
12 assorted sizes in each kit (does not include rack)

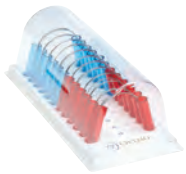
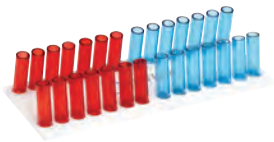
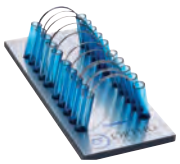
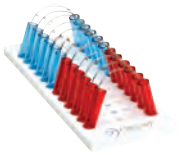
Diameter	Catalog No.
.018 Kit (46 wires)	102-099
.020 Kit (29 wires)	103-099
.016 x .022 Kit (30 wires)	104-099
.017 x .025 Kit (36 wires)	121-099
.018 x .025 Kit (49 wires)	107-099
.019 x .025 Kit (36 wires)	101-099

Posted stainless steel archwires have extra strong, soldered joints and pliable brass posts for ease of adjustment. These archwires assist in retraction of anterior teeth and consolidation of space.

- Assorted sizes to fit all situations
- Excellent for use with elastics and springs
- Uniform post placement
- Available in kits or individual packs

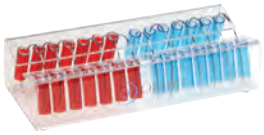
* Millimeter size is an inside measurement around arch form between loops.

ARCHWIRE RACKS AND COVERS

ITEM	DESCRIPTION	CATALOG NO.
	Display Racks for Preformed Archwires* All archwire racks come with self-stick archwire size decals. These archwire racks are excellent organizers for chairside use.	
	**Molded Archwire Rack Cover** 4½" L x 10" W x 3½" H This cover fits the following Archwire Racks: Cat. Nos. 120-000, 120-003, 120-004 Note: Rack and archwires are not included.	**120-006MC**
	**White Display Rack** 4" L x 9½" W x 2⅛" H 14 rows of storage tubes. May order optional clear cover, Cat. No. 120-006MC	**120-000**
	**Nitanium Display Rack** 4" L x 9½" W x 2⅛" H Silver acrylic base with 10 rows. May order optional clear cover, Cat. No. 120-006MC	**120-004**
	Display Racks for Posted Archwires* All archwire racks come with self-stick archwire size decals.	
	Master Posted Rack (Shown with Cover) 14½" L x 9" W x 1¼" H Accommodates three rows of posted archwires and one row of regular *Pro Form* archwires. (Total of 48 slots) White acrylic base.	**120-002**
	Master Clear Cover (As shown) 14½" L x 9" W x 3⅛" H	**120-012**
	**Small Posted Rack** 4" L x 9½" W x 2⅛" H Base is numbered 22 through 44 to accommodate a full set of posted wires, and includes 12 rows for storage. May order optional clear cover, Cat. No. 120-006MC	**120-003**
	Covered Small Posted Rack 4¼" L x 10" W x 3½" H Base is numbered 22 through 44 to accommodate a full set of posted wires, and includes 14 rows for storage. The hinged, clear lid keeps archwires sanitary and dust free.	**120-003C**

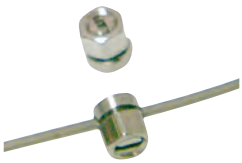
*Archwires shown are not included.

ARCHWIRE RACKS AND COVERS

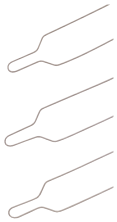
ITEM	DESCRIPTION	CATALOG NO.
	Archwire Box Organizer* Our premier archwire box organizer, is specifically designed to hold our *D-LX* Arch Form boxes, but can also accommodate our regular archwire envelopes. The modern, reflective silver finish hides finger prints and fits well with the many other metal finishes in an office. It holds up to 12 boxes and can either sit on a counter top or be mounted to a wall. 3⅞" L x 7¾" W x 8⅞" H *Archwires shown are not included.	120-018
	Designer Archwire Racks* Constructed from formed clear acrylic that has a translucent green edge giving them the look of designer glass. These racks have tubes mounted inside the structure to hold the archwires. Tubes are divided into red and blue to easily separate upper and lower wires.	
	**Large Archwire Rack** 4¼" L x 9½" W x 2¼" H Rack includes 14 rows for storage.	120-009
	Small Archwire Rack 4¼" L x 4¼" W x 2¼" H Rack includes 6 rows for storage.	120-008
	Deluxe Archwire Rack 4" L x 10" W x 4" H Compact in size, yet aesthetically pleasing. The rack fits either standard or *Pro Form* archwire shapes, and includes 14 rows for storage. The hinged, clear lid keeps archwires sanitary and dust free.	120-005
	Covered Utility Archwire Rack 4½" L x 10" W x 3½" H Rack includes 13 rows for storage and each row is color-coded to specify the archwire type: stainless steel, *Nitanium* (round), and *Nitanium* (rectangular). This allows for quick and easy identification of the archwires. The hinged, clear lid keeps archwires sanitary and dust free.	120-007

*Archwires shown are not included.

CRIMPABLE HOOKS AND STOPS

ITEM	DESCRIPTION	CATALOG NO.
	***Carriere Cu Nitanium* Archwires with the Innovative *EZ Stops* System** This new crimpable archwire stop delivery system provides smooth positioning. The unique holder allows clinicians to quickly position the tube stop in a precise location for crimping on the archwire. Threading a crimpable tube stop onto an archwire is quick and easy. No more lost stops! EZ Stops Small (.019"), Qty 20 EZ Stops Large (.030"), Qty 20	 **430-101** **430-102**
	Crimpable Archwire Hooks Precision-MIM crimpable hooks are easily crimped onto archwire for precise placement in or outside of the mouth. Crimp tubes create a strong, non-sliding lock with the archwire and remain firmly-in-place during treatment. Ball hook may be bent for right or left applications. All hooks fit round or rectangular archwires up to .018 x .025. Crimpable Archwire Ball Hooks (20 per pack) Crimpable Archwire Power Hooks – Right (20 per pack) Crimpable Archwire Power Hooks – Left (20 per pack) Hook Crimping Pliers (Straight) see page 237 Hook Crimping Pliers (Angled) see page 237	 **430-010** **430-015** **430-016** **201-435** **201-436**
	Crimpable Archwire Tubes with Hooks Crimpable Archwire Tubes provide a firm anchor point for a variety of applications. May be positioned anywhere on an archwire by threading the archwire through the tube before engaging the brackets. The tube can then be locked securely into position by crimping it with How Pliers or a dull archwire cutter. (10 per pack) .017 x .025 Crimpable Tubes .019 x .025 Crimpable Tubes	 **430-022** **430-023**
	**Archwire Stop Lock** Ideal for adjustable or tie-back stop applications, spring activation, or for prevention of archwire migration. May be fixed firmly in place by positioning the slotted bolt over the archwire and then tightening the nut – using the Double-Sided Archwire Stop Lock Wrench Cat. No. 430-036 (sold separately). (5 per pack) .022 Archwire Stop Lock .036 Archwire Stop Lock	 **430-032** **430-033**
	Archwire Stop Lock with Hook Ideal for anchorage, placement of elastics or springs, and traction applications. Use Double-Sided Archwire Stop Lock Wrench to lock in place PN 430-036 (sold separately). (5 per pack) Rights Lefts	 **430-034** **430-035**

CRIMPABLE HOOKS AND STOPS / LIGATURE WIRES

ITEM	DESCRIPTION	CATALOG NO.
	Double-Sided Archwire Stop Lock Wrench Use for application of stop lock and stop lock with hook	**430-036**
	MIM Crimp Stop Our MIM Crimp Stop may be placed anywhere on an archwire to limit tooth movement or maintain proper archwire positioning. For use with round or rectangular archwire up to .021 x .025. (10 per pack)	**430-020**
	Micro-Stop Use the Micro-Stop to limit movement or provide anchorage. Thread the product through the archwire to the desired location and crimp with a dull cutter, Weingart Pliers or most any other holding pliers. The small size makes these comfortable for the patient while also being inconspicuous. Available in two sizes. (25 per pack) Small - Fits round wires up to .018" Large - Fits square wire up to .020" x .020" and rectangular wire up to .016" x .025"	 **430-040** **430-041**
	**Pearl Tone Preformed Ligature Wires** Layered with a super smooth non-stick coating. Brackets glide effortlessly along the archwire. Pearl tone white in .012 wire diameter. (100 per pack)	**100-420**
	Ligature Rotation Wedge Simply ligate this .090 elastomeric wedge under archwire to correct rotations. The .012 ligature wire and clear wedge are threaded together. (25 per pack)	**100-406**
	Shorty Ligature Twists Made from dead-soft stainless steel wire, these time saving preformed ligatures have ends that are already twisted for quick and easy placement. They fit Shorty Twist Holders or Mathieu Needle Holders. (500 per pack) .010 Shorty Ligature Twists .012 Shorty Ligature Twists	 **100-412** **100-412B**

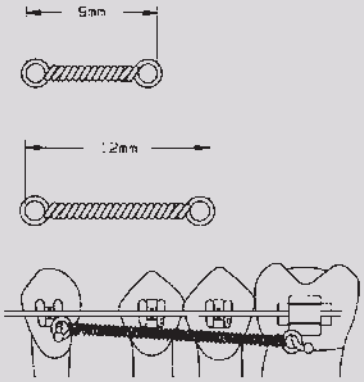
LIGATURE WIRES

ITEM	DESCRIPTION	CATALOG NO.
	Preformed Ligature Wires Dead soft temper for maximum workability. Preformed to save valuable chair time. (1000 per pack)	
	.009 Preformed Ligature Wire	**100-401**
	.010 Preformed Ligature Wire	**100-402**
	.011 Preformed Ligature Wire	**100-403**
	.012 Preformed Ligature Wire	**100-407**
	Kobayashi Ligature Tie Hooks Wire is spot-welded together to form a hook. May be quickly tied in place in the same manner as the ligature wire. (100 per pack)	
	.012 Kobayashi Hooks	**100-405**
	.014 Kobayashi Hooks	**100-404**
	Shorty Koby Twists Preformed .012 and .014 dead soft stainless steel ligature wire features twisted ends for rapid engaging and tying for quick placement. Fits Shorty Twist Holder or Mathieu Needle Holder. (100 per pack)	
	.012 Shorty Koby Twists	**100-413**
	.014 Shorty Koby Twists	**100-414**
	Shorty Twist Holder Precision-made stainless steel holder. Allows simple insertion and locking of Shorty Ligature Twists or Shorty Koby Twists. Round body aids in spinning ligature ends for a tight, positive fit. 	**200-428**
	Spooled Dead Soft Ligature Wire Dead soft ligature wire comes in an economical 1 pound spool for doctors who prefer to fabricate their own ligatures. Available in a bright finish. (1 pound spool)	
	.009 Spooled Ligature Wire	**100-416**
	.010 Spooled Ligature Wire	**100-417**
	.011 Spooled Ligature Wire	**100-418**

NITANIUM SPRINGS
Applications for Individual Components

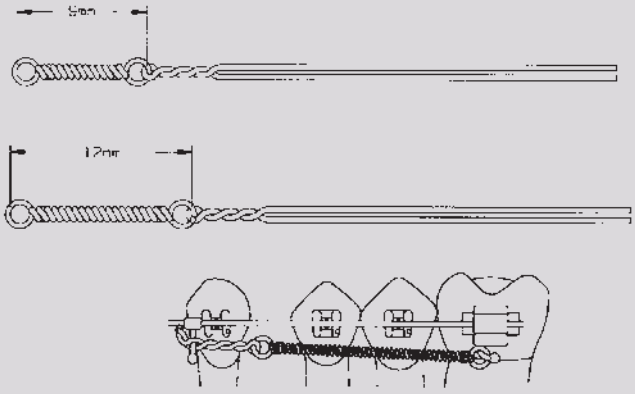
Nitanium Closing Springs

Excellent for closing spaces and anterior retraction. Easily engaged to bracket hook, buccal tube hook, sliding hook, or posted wire hook.



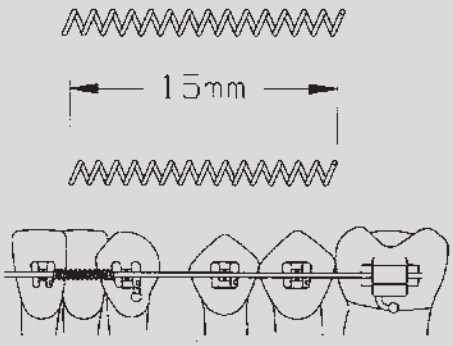
Nitanium Ligature Closing Springs

When distance between two hooks exceeds expansion limitation of this coil spring, use ligature closing spring to engage hooks.



Nitanium Open Coil Springs

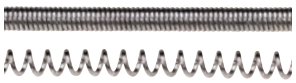
Provides constant force for maximum efficiency in opening space when placed on wire compressed between two brackets.



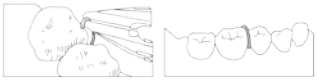
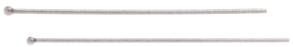
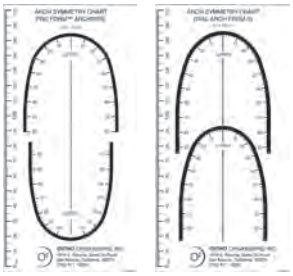
NITANIUM SPRINGS

ITEM	DESCRIPTION	CATALOG NO.
	Nitanium Coil Spring Kit These springs are manufactured from a super-elastic nickel titanium that is designed to open and close spaces with consistent and predictable results. *Nitanium* coil springs have an exclusive perpendicular loop design which is easy to engage and remove. **Kit includes:** • 4 each of .010 x .030 - 9 mm Closing Springs • 4 each of .010 x .030 - 12 mm Closing Springs • 4 each of .010 x .030 - 9 mm Ligature Closing Springs • 4 each of .010 x .030 - 12 mm Ligature Closing Springs • 6 each of .010 x .030 - 15 mm Open Coil Springs • 6 each of .010 x .036 - 15 mm Open Coil Springs • 1 Dispenser/Storage Case **Individual Components:**	**100-620**
	.010 x .030 – 9 mm Closing Springs (6 per pack)	**100-622**
	.010 x .030 – 12 mm Closing Spring (6 per pack)	**100-623**
	.010 x .030 – 9 mm Ligature Closing Springs (4 per pack)	**100-626**
	.010 x .030 – 12 mm Ligature Closing Springs (4 per pack)	**100-627**
	.010 x .030 – 15 mm Open Coil Springs (10 per pack)	**100-630**
	.010 x .036 – 15 mm Open Coil Spring (10 per pack)	**100-631**
	Nitanium Closed Coil Springs These springs are manufactured from a super-elastic nickel titanium that is designed to open and close spaces with consistent and predictable results. *Nitanium* coil springs have an exclusive perpendicular loop design which is easy to engage and remove. **200 Grams of Force**	
	.010 x .030 – 9 mm Closing Springs (6 per pack)	**100-622**
	.010 x .030 – 12 mm Closing Spring (6 per pack)	**100-623**
	300 Grams of Force	
	.010 x .030 – 12 mm Closing Springs (4 per pack)	**100-636**
	.010 x .030 – 14 mm Closing Springs (4 per pack)	**100-637**
	.010 x .030 – 16 mm Closing Springs (4 per pack)	**100-638**
	.010 x .030 – 18 mm Closing Springs (4 per pack)	**100-639**

SPRINGS

ITEM	DESCRIPTION	CATALOG NO.
	Nitanium 15" Spooled Open Coil Spring Open coil springs provide constant tooth movement, yet are gentle for patients because they are made of super-elastic material. Maximum efficiency in opening spaces when placed on archwire and compressed between brackets. (15" spool)	
	.009 x .030 Open (inner dia.)	**100-750**
	.010 x .030 Open (inner dia.)	**100-751**
	.012 x .030 Open (inner dia.)	**100-752**
	.014 x .030 Open (inner dia.)	**100-753**
	.010 x .036 Open (inner dia.)	**100-754**
	.014 x .036 Open (inner dia.)	**100-755**
	.010 x .045 Open (inner dia.)	**100-756**
	.012 x .045 Open (inner dia.)	**100-757**
	Nitanium 7" Length Open Coil Spring This spring can be deflected twice its original length without taking a permanent set. Open coil springs provide constant tooth movement, yet are gentle for patients because they are made of super-elastic material. Provides maximum efficiency in opening or closing spaces when placed on archwire and compressed between two brackets. (3 per pack)	
	.010 x .030 Open (inner dia.)	**100-643**
	.010 x .036 Open (inner dia.)	**100-644**
	.014 x .036 Open (inner dia.)	**100-642**
	Nitanium Molar Distalizing Spring Super-elastic .010 x .045 springs provide 100 grams of continuous force. They fit directly over an archwire when distalizing molars. The spring attaches to hooks for canine/anterior retraction and can be customized to replace Class II elastics. 7" length, 2 per pack, .010 x .045	**100-647**
	**Spooled 3" Open Coil Spring and Closed Coil Spring** Coiled spring is made from stainless steel hard, tempered wire that provides maximum efficiency in opening or closing space. May be placed on wire and between brackets. (3' spool)	
	.010 x .030 Open Coil Spring	**106-040**
	.010 x .036 Open Coil Spring	**106-050**
	.010 x .045 Open Coil Spring	**108-105**
	.007 x .025 Open Coil Spring	**108-138**
	.009 x .040 Open Coil Spring	**108-104**
	.010 x .030 Closed Coil Spring	**106-060**
	Pletcher Tension Springs .012 x .030 Reverse loop slips over distal end of archwire or molar hook; free end attaches wherever desired. Provides constant positive tension. May be used with *Pro Form* Posted Arches. (50 per pack)	**106-010**

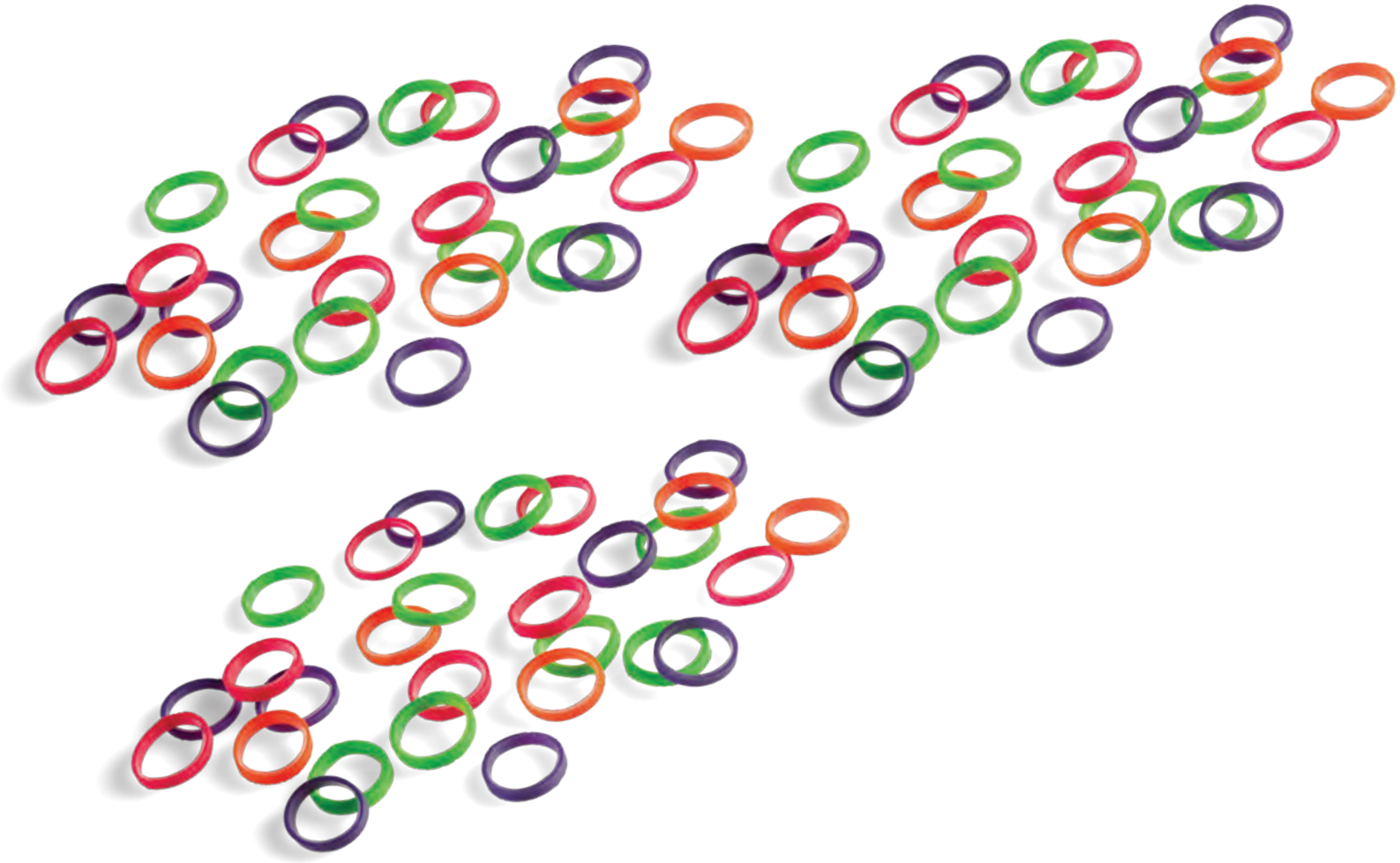
WIRE PRODUCTS AND AUXILIARIES

ITEM	DESCRIPTION	CATALOG NO.
	Nitanium Separating Springs Provide a light consistent force for optimum space opening in minimum time. Offer maximum patient comfort. They are easy to place and self-seating. Plus the springs are simple to remove once sufficient space for banding is achieved. (20 per pack)  Small (Bicuspids) Large (Molars)	 **100-690** **100-691**
	Preformed Brass Separating Wire Time saving preformed design allows for rapid placement. Flat end permits easy insertion from lingual to buccal with extra extension for twisting. Use Mathieu Needle Holder Cat. No. 201-101 for best results. (100 per pack) .020 Brass Separating Wire .025 Brass Separating Wire	 **105-020** **105-025**
	Australian Super Plus Archwire Features high strength and spring back with improved bending quality. This wire is ideal for high-force applications. (25' Roll) .014 Super Plus Archwire .016 Super Plus Archwire .018 Super Plus Archwire .020 Super Plus Archwire	 **107-120** **107-121** **107-122** **107-123**
	**Ball Clasp** Smooth, round ballhead clasp with retainer wire assists in retention of removable appliances. Ball is twice the diameter of wire. Stress relieved without brittleness. (100 per pack) .028 Ball Clasp (wire .052) .032 Ball Clasp (wire .060)	 **032-050** **032-051**
	**Pro Form and Oval Arch Form III Clear Archwire Templates** Each template shows the upper and lower arch shape for *Pro Form* or *Oval Arch Form III* archwires. Millimeter markings along the arches start at 0 at each centerline and increase to the highest measurement at the posterior of the arch shape. Each template also features a straight millimeter ruler down the side. (1 per pack) *Pro Form* Template - 3½" L x 7" W *Oval Arch Form III* Template - 3½" L x 7" W	 **120-020** **120-021**

WIRE PRODUCTS AND AUXILIARIES

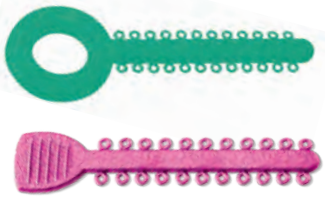
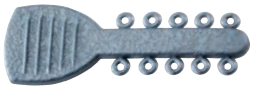
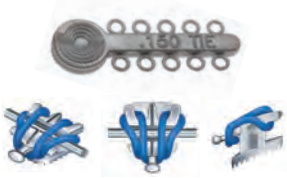
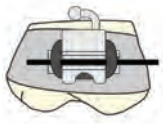
ITEM	DESCRIPTION	CATALOG NO.
	Double-Sided Archwire Stop Lock Wrench Use for application of stop lock and stop lock with hook 	**430-036**
	Shorty Twist Holder Precision-made stainless steel holder. Allows simple insertion and locking of Shorty Ligature Twists or Shorty Koby Twists. Round body aids in spinning ligature ends for a tight, positive fit. 	**200-428**
	Adjustable Sliding Yoke Fully adjustable and easily sized to required length. Useful for distally driving molars or bicuspids, or maintaining molar anchorage. (10 per pack) 	**106-210**
	Silver Solder Paste with Flux Finely ground with uniform consistency to enhance soldering of appliances. Easy to apply for maximum strength of solder joint. Bright finish joint applications. Six month shelf life may be lengthened with refrigeration. (1 oz jar)	**600-150**
	Heat Shield Virtually eliminates heat transfer and flame damage during lab fabrication and repairs. Apply gel-like material to desired area to minimize heat conduction. (2 oz tube)	**600-121**
	Ortho Freez* Chills thermal wire making it flexible and easy to place (10 oz can) * Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.	**100-788**

ELASTOMERICS | H



Ligature Ties H-2
Ligature Ties' H-3
Color Chart
Miscellaneous H-5
Ligature Dispensers. H-7
Ligating Pliers H-7
Intraoral Elastics H-8
Extraoral Elastics H-9
Separating Elastics H-10
Rotation Wedges H-11
Dispenser System H-11

LIGATURE TIES

ITEM	DESCRIPTION	CATALOG NO.
	**Ring-Tie and O-Tie 80-Tie Ligatures – .120" diameter size (Non-Latex)** • 24 modules per stick, 30 sticks per pack • Ligatures for individual patient use offer peace of mind by avoiding cross-contamination • Choose from 36 colors that resist fading • Easily fits under bracket tie-wings	**See chart on pg. H-3 for available colors and catalog numbers.**
	Ligature Kit (Non-Latex) • Kit contains 24 individual colors, with a total of 270 sticks which includes 11 sticks per color • Easily store all your ligature colors as a complete system • 11" L x 7" W x 3½" H	**402-019 • Ring-Ties Kit** **402-020 • O-Ties Kit** **402-015 • Empty Case**
	**Mini-O-Tie™ Ligatures – .120" diameter size (Non-Latex)** • 10 modules per stick, 50 ligature sticks per pack • Available in array of 34 colors • With 10 ligatures per stick, there is little waste and no cross-contamination • Easily remove each ring by utilizing the grip and ergonomic shape	**See chart on H-3 for available colors and catalog numbers.**
	Mini-O-Tie Ligature Kits (Non-Latex) Small Kit (1800 ties) 18 individual colors/10 sticks each • 400-700 9" L x 5" W x 1¾" H Empty • 400-5BX Large Kit (2600 ties) 26 individual colors/10 sticks each • 400-700XL 10¼" L x 7¼" W x 1¾" H Empty • 400-5BXXL	**400-700 • Small Kit** **400-5BX • Small Kit Empty** **400-700XL • Large Kit** **400-5BXXl • Large Kit Empty**
	Hand-EE-Lasts™ Ligatures (Non-Latex) • Available in .110" or .120" diameter sizes • 100 modules per ring, 10 rings per pack • 120" diameter is available in array of 19 colors • Elastic ligatures are molded on an easy to dispense ring COLOR / .110" CLEAR 400-121 TOOTHTONE 400-226	**See chart on pg. H-3 for available colors and catalog numbers of .120".**
 Inverted "V" Ligation Method	**Maxi-Tie .150 Ligatures (Non-Latex)** Larger than standard ligatures, the .150 diameter gives Maxi-Tie's extra space and flexibility. The increased elasticity makes them great for special ligations such as figure "8's" and inverted "V's". These ligatures will fit around molar buccal tubes and will easily ligate an archwire into a molar tube with the cap removed, eliminating the need for wire ligatures. 10 ligatures per stick. (10 per pack).  Converted Molar Tube with Maxi-Tie	**400-051 • Clear** **400-052 • Silver**

LIGATURE TIES' COLOR CHART

COLOR/ DESCRIPTION		RING-TIE	O-TIE	MINI-O-TIE	HAND-EE-LAST	15' CHAIN		
COLOR	COLOR NAME	.120"	.120"	.120"	.120"	STANDARD	LONG	CONTINUOUS
	GRAY	400-844	400-794	400-744	400-222	400-194	400-315	400-313
	CLEAR	400-802	400-752	400-702	400-223	400-152	400-318	400-316
	WHITE	400-809	400-759	400-709	400-239	400-159	400-381	400-380C
	BLUE	400-806	400-756	400-706	400-238	400-156	400-350	400-349C
	GREEN	400-810	400-760	400-710	400-240	400-160	400-377	400-376C
	NEON PINK	400-803	400-753	400-703	400-233	400-153	400-344	400-341C
	BLACK	400-807	400-757	400-707	400-234	400-157	400-346	400-343C
	PURPLE	400-804	400-754	400-704	400-235	400-154	400-345	400-342C
	RED	400-805	400-755	400-705	400-236	400-155	400-375	400-374C
	YELLOW	400-808	400-758	400-708	400-241	400-158	400-348	400-347C
	ORANGE	400-824	400-774	400-724	400-242	400-174	400-389	400-388C
	TEAL	400-825	400-775	400-725	400-243	400-175	400-471	400-470C
	PEARL	400-843	400-793	400-743	—	400-193	400-398	400-397C
	VANILLA	400-826	400-776	400-726	400-227	400-176	400-335	400-334C
	NEON BLUE	400-812	400-762	400-712	400-231	400-162	400-473	400-472C
	NEON GREEN	400-827	400-777	400-727	400-232	400-177	400-340	400-339C
	GOLD	400-813	400-763	400-713	400-237	400-163	400-373	400-372C
	SILVER	400-801	400-751	400-701	400-244	400-151	400-371	400-370C
	SMOKE	400-828	400-778	400-728	400-245	400-178	400-475	400-474C
	BURGUNDY	400-814	400-764	400-714	400-246	400-164	400-379	400-378C
	GLOW NATURAL	400-840	400-790	400-740	—	400-190	400-392	400-390

This reference color chart may be used in your office for easy reordering of your favorite colors. Catalog No. 400-Chart

Actual color may vary from picture due to the printing process.

LIGATURE TIES' COLOR CHART

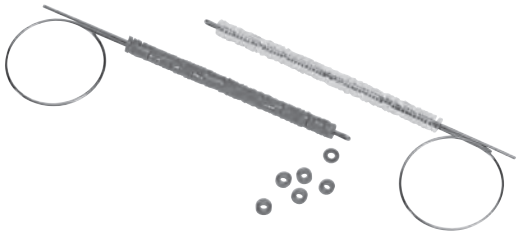
COLOR/ DESCRIPTION		RING-TIE	O-TIE	MINI-O-TIE	HAND-EE-LAST	15′ CHAIN		
COLOR	COLOR NAME	.120"	.120"	.120"	.120"	STANDARD	LONG	CONTINUOUS
	GLOW PINK	400-841	400-791	—	—	—	—	—
	GLOW BLUE	400-837	400-787	—	—	—	—	—
	CAROLINA BLUE	400-820	400-770	400-720	—	400-170	400-394	400-393C
	COBALT BLUE	400-845	400-795	400-745	—	400-195	400-493L	400-493C
	PERIWINKLE	400-821	400-771	400-721	—	400-171	400-396	400-395C
	METALLIC GREEN	400-829	400-779	400-729	—	400-179	400-477	400-476C
	METALLIC BLUE	400-830	400-780	400-730	—	400-180	400-383	400-382C
	METALLIC PURPLE	400-846	400-796	400-746	—	400-196	400-492L	400-492C
	METALLIC RED	400-831	400-781	400-731	—	400-181	400-385	400-384C
	GRAPE	400-832	400-782	400-732	—	400-182	400-479	400-478C
	LIGHT PINK	400-833	400-783	400-733	—	400-183	400-481	400-480C
	LIGHT GREEN	400-834	400-784	400-734	—	400-184	400-483	400-482C
	DARK BLUE	400-835	400-785	400-735	—	400-185	400-485	400-484C
	RASPBERRY	400-836	400-786	400-736	—	400-186	400-487	400-486C
	SKY BLUE	400-842	400-792	400-742	—	400-192	400-491	400-490C
	ASSORTED COLOR	400-819	400-769	400-719	400-250	—	—	—
	SMALL ASSORTED KIT	—		400-700 (18 COLORS)	—	—	—	—
	LARGE ASSORTED KIT	402-019 (24 COLORS)	402-020	400-700XL (26 COLORS)	—	—	—	—

Actual color may vary from picture due to the printing process.

MISCELLANEOUS

ELASTOMERIC LIGATURE TIES

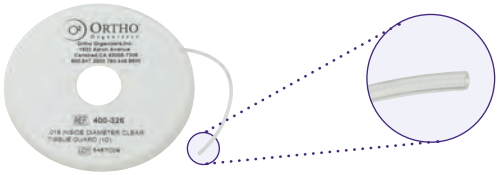
Ligatures on preloaded cane dispensers are easily engaged under bracket tie wings, yet hold with continuous force. Available in gray or clear. (20 canes per pack, 1000 ligatures total). Non-Latex.

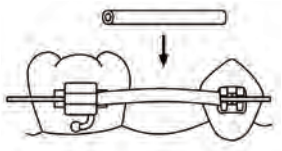


LIGATURE TIES ON CANES (20 PER PACK)	COLOR	DIAMETER	CATALOG NUMBER
	Gray	.110	400-110
	Gray	.120	400-120
	Clear	.110	400-111
	Clear	.120	400-121

TISSUE GUARD

The tissue guard is used to slip over the archwire to prevent irritations and available in gray or clear. It is aesthetic in appearance and odor and stain resistant. Fits wires up to .045." (10' spool). Non-Latex.

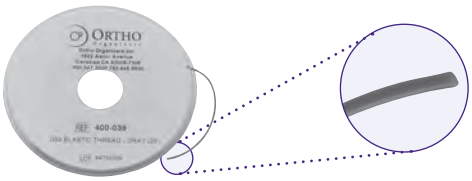




COLOR	DIAMETER	CATALOG NUMBER
Clear	.018	400-326
Gray	.018	400-327
Clear	.027	400-330
Gray	.027	400-331
Clear	.046	400-328
Gray	.046	400-329

ELASTIC THREAD

Solid elastomeric material in precision extruded threadform. Exerts continuous long lasting, predictable force. Moisture, odor, and stain resistant. Ideal for rotations, retractions, and figure 8's. Available in gray or clear .025" and .030" diameters. (25' or 50' spools). Non-Latex.



COLOR	DIAMETER	25-FOOT	50-FOOT
Gray	.025	400-038	400-028
Gray	.030	400-039	400-029
Clear	.025	400-040	400-026
Clear	.030	400-041	400-027

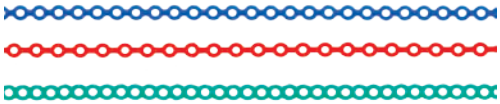
ELASTIC TUBE

Hollow tube is ideal for rotation corrections, cuspid retractions and figure 8's. Consolidate space in the entire arch. The elastic tube offers good memory and is easy to ligate. Available in gray or clear and .025 and .030 diameters. (25' or 50' spools). Non-Latex.

COLOR	DIAMETER	25-FOOT	50-FOOT
Gray	.025	400-025	400-034
Gray	.030	400-030	400-035
Clear	.025	400-036	400-032
Clear	.030	400-037	400-033

CHAIN ELASTIC – NON-LATEX

Standard, Long, Continuous



Made from super-elastic long lasting material that delivers continuous, gentle force for more predictable tooth movement. The thin wall is easier to ligate under tie wings. Moisture, stain, and odor resistant. (15 foot length)

See chart on page 181 for available colors and catalog numbers.

CHAIN ELASTIC – NON-LATEX

Light Force – Short, Long, Continuous

Our light force chain elastic has a 20% lighter force than our regular chain and is excellent for low force treatment mechanics. The thinner chain material is easier to apply, reducing chair time.

LIGHT FORCE CHAIN 15'	COLOR	CONTINUOUS	SHORT	LONG
	Gray	400-313LF	400-314LF	400-315LF
	Clear	400-316LF	400-317LF	400-318LF

UNIVERSAL SPOOL DISPENSER

Keep your spooled products organized. Easy to use dispenser for chain elastic, tissue guard, thread, coil springs, etc. 9½" x 4" x 2½".

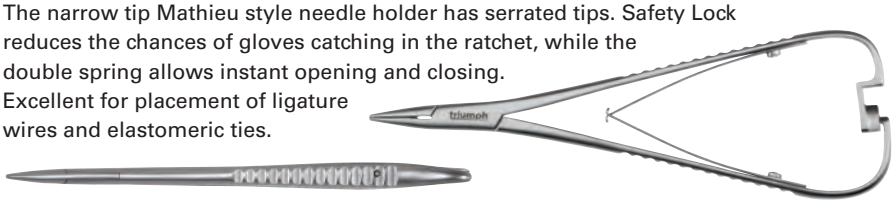
OPTIONS	CATALOG NUMBER
Empty	402-014
Clear Cover (Optional)	120-006MC

LIGATURE DISPENSERS/ORTHODONTIC INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Deluxe Spool Dispenser • Aesthetically pleasing design holds 18 spools • Easily view the spool colors through the clear cover • Compact size, 10" x 4" x 4"	**402-013 • Empty**
	Combo Chain and Ligatures Dispenser Has 12 separated spaces for Ligatures and a bar to accommodate 12 spools of chain elastic. Clear cover with front cut-out for chain elastic facilitates use and provides protection from dust. You may order the dispenser preloaded with 12 colors of Ligatures and matching standard chain; clear, blue, green, neon pink, black, red, neon green, silver, periwinkle, metallic blue, grape and light pink or empty. 6" x 9" x 4".	**Preloaded Dispensers** **402-021 • Ring-Ties** **402-022 • O-Ties** **402-017 • Empty**

LIGATING PLIERS

TRIUMPH® ORTHODONTIC INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Narrow Tip The narrow tip Mathieu style needle holder has serrated tips. Safety Lock reduces the chances of gloves catching in the ratchet, while the double spring allows instant opening and closing. Excellent for placement of ligature wires and elastomeric ties. 	**205-402**
	Smaha Ultra Fine Tip The ultra fine tip Mathieu style needle holder has serrated tips. This Mathieu instrument is exceptional for use when placing elastic ligature ties. Safety Lock reduces the chances of gloves catching in the ratchet, while the double spring allows instant opening and closing. 	**205-403**

INTRAORAL ELASTICS

Smile Safari™ Box

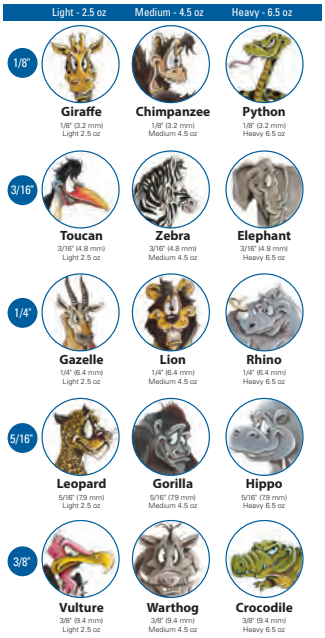
Diameter – Inch

AMBER – PREPACKAGED INTRAORAL ELASTICS: 1 BOX (APPROX. 100 ELASTICS PER BAG • 50 BAGS PER BOX)					
DIAMETER SIZE – INCH	**⅛"**	**3⁄16"**	**¼"**	**5⁄16"**	**⅜"**
DIAMETER SIZE – MM (PASSIVE)	**3.2 MM**	**4.8 MM**	**6.4 MM**	**7.9 MM**	**9.4 MM**
Bag Color	Purple	Green	Red	Blue	Orange
Light (2½ oz)	407-020S Giraffe	407-030S Toucan	407-040S Gazelle	407-050S Leopard	407-060S Vulture
Medium (4½ oz)	407-021S Chimpanzee	407-031S Zebra	407-041S Lion	407-051S Gorilla	407-061S Warthog
Heavy (6½ oz)	407-022S Python	407-032S Elephant	407-042S Rhino	407-052S Hippo	407-062S Crocodile

- Made from the finest amber-colored surgical latex tubing, precision-cut to separate each elastic.
- Each bag is color-coded by size for easy identification.
- Packaged in tamper-proof patient bags.

Toucan
3⁄16" (4.8 mm
Light, 2.5 oz)

Smile Safari™ Intraoral Elastics Chart



NEON – PREPACKAGED INTRAORAL ELASTICS: 1 BOX (APPROX. 100 ELASTICS PER BAG • 50 BAGS PER BOX)					
DIAMETER SIZE – INCH	**⅛"**	**3⁄16"**	**¼"**	**5⁄16"**	**⅜"**
DIAMETER SIZE – MM (PASSIVE)	**3.2 MM**	**4.8 MM**	**6.4 MM**	**7.9 MM**	**9.4 MM**
Bag Color	Purple	Green	Red	Blue	Orange
Medium (4½ oz)	401-041S Chimpanzee	401-042S Zebra	401-043S Lion	401-044S Gorilla	401-045S Warthog

- Assorted neon colors in each bag: red, purple, green, and orange.
- Packaged in tamper-proof patient bags.

Lion
¼" (4.8 mm
Medium, 4.5 oz)

CRYSTAL CLEAR – NON-LATEX, PREPACKAGED INTRAORAL ELASTICS: 1 BOX (APPROX. 100 ELASTICS PER BAG • 50 BAGS PER BOX)					
DIAMETER SIZE – INCH	**⅛"**	**3⁄16"**	**¼"**	**5⁄16"**	**⅜"**
DIAMETER SIZE – MM (PASSIVE)	**3.2 MM**	**4.8 MM**	**6.4 MM**	**7.9 MM**	**9.4 MM**
Bag Color	Purple	Green	Red	Blue	Orange
Medium (4½ oz)	401-061S Chimpanzee	401-062S Zebra	401-063S Lion	401-064S Gorilla	401-065S Warthog

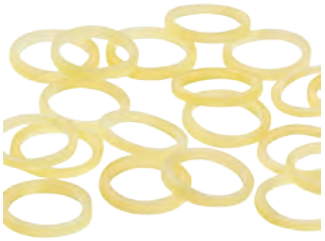
- Made from special material that is tasteless, odorless, and non-staining.
- Great for aesthetic brackets.
- Perfect for material-sensitive patients.
- Packaged in tamper-proof patient bags.

Warthog
⅜" (9.4 mm
Medium, 4.5 oz)

Please Note: There may be traces of cornstarch in packages of elastics. Cornstarch is used to reduce moisture in the packaging. The cornstarch is harmless. Please notify your patients accordingly.

PREPACKAGED INTRAORAL/EXTRAORAL ELASTICS

ELASTIC BULK PACKS

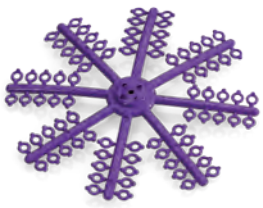


ELASTIC BULK PACKS: AMBER – MINIMUM ORDER – 1 BAG (APPROX. 10,000 ELASTICS PER PACKAGE)					
DIAMETER SIZE – INCH	1/8"	3/16"	1/4"	5/16"	3/8"
DIAMETER SIZE – MM (PASSIVE)	3.2 MM	4.8 MM	6.4 MM	7.9 MM	9.4 MM
Light (2½ oz)	408-020	408-030	408-040	408-050	408-060
Medium (4½ oz)	408-021	408-031	408-041	408-051	408-061
Heavy (6½ oz)	408-022	408-032	408-042	408-052	408-062

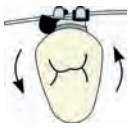
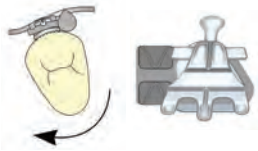
- Approx. 10,000 elastics per master package, minimum order is one master package.
- Low cost bulk pack amber-colored elastics for the office that prefers to package their own bags.
- Packaged in an easy to use zip top bag.

ITEM	DESCRIPTION	CATALOG NO.
	Extraoral Elastics Amber colored, strong elastics for use with the face mask. 1000 per pack.	**408-073 • ½" Bulk Elastics (8 oz)** **408-074 • ½" Bulk Elastics (16 oz)**
	Elastic Attachers™ Simplifies placement and removal of intraoral elastics. Simply insert elastic attacher and stretch to desired position and release. (Reverse the procedure for elastic removal.) Mixed assortment of neon pink, neon blue, neon green, and glow.	**402-011 • 100 per pack** **402-010 • 250 per pack**
	Glow Elastic Attachers The same design as our regular elastic attachers, but will glow bright after being exposed to direct light. 100 per pack.	**402-011G**
	Smile Safari Elastics Box Dispenser Sturdy, clear acrylic rack holds four Smile Safari Elastics Boxes for easy dispensing. Rack can be placed on tabletop or mounted on the wall. (Holds 4 boxes). 13½" L x 4¼" W x 10" H	**402-012S**

SEPARATING ELASTICS

ITEM	DESCRIPTION	CATALOG NO.
	Stick Separators – Non-Latex Designed with smooth round edges that make them easier to insert between teeth. Made of radio opque material and are conveniently molded on sticks for easy handling. 10 separators per stick, pack of 25	**400-356**
	Standard Separators – Non-Latex Gray, donut-style separators can be used for anterior or posterior separation. Placed between the teeth, they exert gentle continuous force. For best results use the Deluxe Elastic Separating Pliers • 200-407D. 760 per pack	**400-351**
	Dumbbell Separators – Non-Latex White, individual rubber separators can be stretched and slipped between contacts for in-office separations. Contracting action of separators achieves ample separation for banding within minutes. 100 per pack	**400-360**
 400-355 400-355L 200-407D	**Single Separators – Non-Latex** Radio opaque. Precision-cut, blue separating elastics are made from tough absorption-free elastomeric material. Holds elasticity without deterioration. Separates teeth rapidly due to faster elastic recovery. Easily placed. Good visibility. 1000 per pack	**400-355 • Blue Regular** **400-355L • Blue Large** **200-407D • Recommend Deluxe Elastic Separating Pliers**
	"K" Modules – Non-Latex Designed for intraoral use to bring elements together with resilient force. They may be attached to lingual buttons, cleats, brackets, or hooks. Gray, 100 per pack	**400-310 • K-0 Modules (12.7 mm)** **400-312 • K-2 Modules (20.3 mm)**
	**Safe-T-Separators – Non-Latex** Safe-T-Separators have knobs on either side of each ring. They extend beyond the interproximal area out past the gingiva. The knobs presence prevents this separator from submerging into the sub-gingival area. Available in two styles: standard (purple) and slim (blue). The slim separator is thinner with less force for use in situations needing only minimal space opening. Each come on star shaped sticks with 80 separators each. 6 stars per bag (480 total). 	**400-352 • Purple Standard** **400-353 • Blue Slim**

ROTATION WEDGES/DISPENSER SYSTEM

ITEM	DESCRIPTION	CATALOG NO.
	Rotation Wedges – Standard – Non-Latex A preformed tab is perforated to lock in place on one set of tie wings of a twin bracket. The wedge portion allows the necessary fulcrum between wire and bracket for efficient rotation. 100 per pack 	**400-300 • Gray** **400-301 • Clear**
	Rotation Wedges – Delta Force & Carriere – Non-Latex Specially designed for use with our Delta Force Low-Friction Brackets or Carriere Self-Ligating Brackets. These wedges have a larger opening to anchor directly to the bracket. They easily fit around the entire perimeter of irregularly shaped brackets. 50 per pack 	**400-302 • Silver** **400-303 • Clear**

ELASTOMERICS

DISPENSER SYSTEM

ITEM	DESCRIPTION	CATALOG NO.
	Force System Dispenser Save valuable time with our convenient chairside dispenser for springs, elastics, and other auxiliaries. Made of lightweight, white pebble grained material. 16⅛" L x 9½" W x 2" H	**420-000**

NOTES

INTRAORAL | I

Twin Force® I-2
Bite Corrector Devices

Motion I-5
Class II Correction Appliances

TransForce®2 . . . . . .I-10
Arch Developer Appliances

Nitanium Palatal. I-12
*Expander*2™ Finishing Appliances

*Nitanium Molar Rotator*2™ . . .I-15
Finishing Appliances

Multi-Distalizing Arch™ I-17
(MDA) Appliances

Other Distalizing I-19
Appliances

Control Appliances I-20

TWIN FORCE
Bite Corrector Devices

Strength and Durability for Consistent Results

The *Twin Force* Bite Corrector Devices, with their precision machining, are revolutionary orthodontic intraoral devices for the correction of Class II and Class III dental occlusion. Now, even your most non-compliant patients can make the transition to an ideal Class I molar relationship faster, and with less discomfort than any other device on the market.

The *Twin Force* Bite Corrector Devices are easy and quick to use with no adjustment required. And, only the *Twin Force* Bite Corrector Devices offer dual force technology for fast, gentle, continuous force to both the maxilla and mandible.

Get greater results in less time

Class II or Class III correction can take anywhere from 6 to 12 months with standard treatment techniques. The *Twin Force* Bite Corrector Devices can provide the same treatment results in half the time without patient compliance and frequent adjustments.

Benefits include:

Product life has been extended
The Super-elastic nickel titanium springs have been re-designed to provide a dramatic increase in durability, while producing a significantly smoother function of the piston

More robust connections
Components are joined using a continuous laser rotation welding process

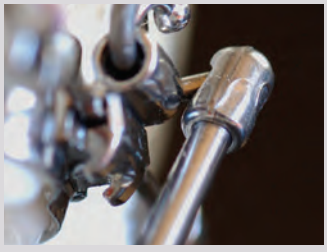
Dependable and reliable
Nickel titanium springs exert continual low forces with predictable results in a minimal amount of time

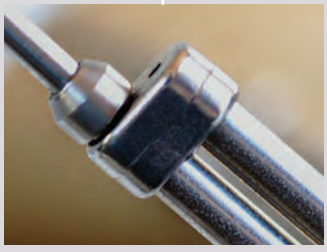
Easy to use
Titanium components provide a secure lock onto the archwire, allowing placement and removal of this single-piece appliance to be done chair side in just seconds

Time and cost savings
No waiting for the lab to fabricate the appliance

Comfortable
Increased lateral excursion not found with most distalizing appliances

Versatile
Suitable for both extraction and non-extraction cases.
Available in two styles: Double Lock and Anchor Wire
Minimal patient cooperation required





TWIN FORCE BITE CORRECTOR DEVICES

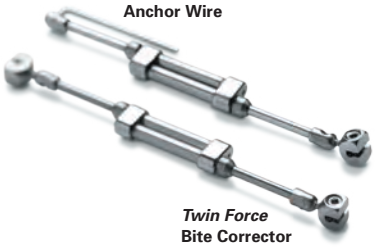
Precision is in the parts

The success of the *Twin Force* Bite Corrector Devices are inherent in its exceptional design because it is manufactured to the highest standards in the industry. High-quality titanium clamps and screws reduce slippage. Plus, instead of using traditional hex screws that can strip or loosen, the *Twin Force* Bite Corrector Devices' screws are square for a secure fit. All components are laser welded, ensuring that each part functions as a single unit, minimizing separation.

More hygienic and more comfortable

The *Twin Force* Bite Corrector Devices take functional aesthetic to a new level. The small, smooth, hygienic springs are enclosed in cylinders that don't create food traps. And your patients will appreciate the increased lateral excursion feature which makes the *Twin Force* Bite Corrector Devices more comfortable than other Class II correction devices.

Twin Force Bite Corrector Devices are available in Anchor Wire and Double Lock configurations, in two sizes.



Twin Force
Bite Corrector
Anchor Wire

Twin Force
Bite Corrector
Double Lock

TWIN FORCE BITE CORRECTOR DEVICES

Twin Force Bite Corrector Double Lock

Class II "A" Measurement =

Distal edge of the lower cuspid bracket to the **mesial** end of the upper 1st molar tube (Figure 1).

Class III "A" Measurement =

Distal edge of the upper cuspid bracket to the **mesial** end of the lower 1st molar tube (Figure 2).

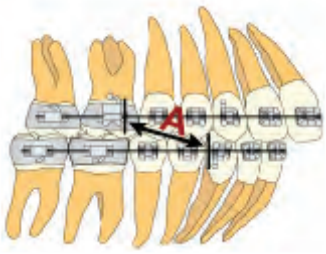


Figure 1.

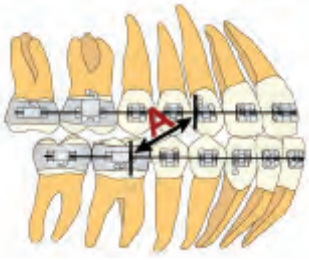


Figure 2.

"A" MEASUREMENT FOR DOUBLE LOCK		
MINIMUM (mm)	MAXIMUM (mm)	CATALOG NUMBER
23	32	424-216Ti
27	36	424-215Ti

Twin Force Bite Corrector Anchor Wire*

Class II "A" Measurement =

Distal edge of the lower cuspid bracket to the **distal** end of the upper molar facebow tube (Figure 3).

Class III "A" Measurement =

Distal edge of the upper cuspid bracket to the **distal** end of the lower 1st molar lip bumper tube (Figure 4).

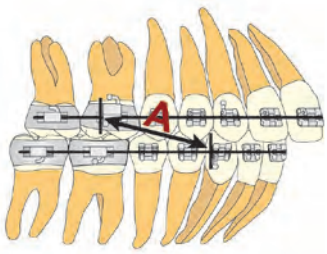


Figure 3.

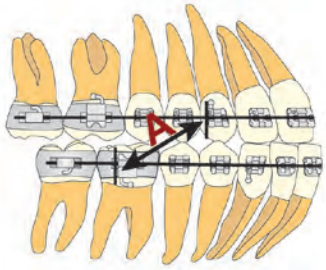


Figure 4.

"A" MEASUREMENT FOR ANCHOR WIRE		
MINIMUM (mm)	MAXIMUM (mm)	CATALOG NUMBER
27	36	424-211Ti
32	48	424-210Ti

*May be used in conjunction with facebow tubes on pages D-9-D-19 and coated lip bumper on page M-8.

CARRIERE MOTION CLASS II APPLIANCE
Turn Class II Into Simple Class I Patients

A huge move in the right direction for orthodontics.

To limit extractions and to turn difficult Class II patients into simpler Class I patients is a dream come true for you and your patients. With its sleek, aesthetic, and non-invasive design, the *Motion* Class II Correction Appliance provides greater comfort and shortens treatment time by up to four months. Delivering a natural, gentle, and uniform force for distal molar movement with controlled rotation and tipping correction before brackets or other appliances are placed, the *Motion* Appliance solves complex problems almost effortlessly.

Molar Pad Ball
Articulates in the socket.

Stiff Arm
Runs posteriorly over the two upper premolars in a slight curve. Maintains exact space between pre-molars during distalization.

Hooks on Pad
For attachment of the *Carriere* Oral Elastics (¼ inch, 6 ounces and/or 3/16 inch, 8 ounces of heavy elastic).

Metal Injection Molded (MIM)
For strength and proven performance.

Sleek and Non-Invasive
Design delivers greater comfort.

Stainless Steel Material
Ensures malleability so that the appliance can be customized to every patient.

Fixed Cuspid Pad
Allows the distal movement of the cuspid along the alveolar ridge.

Loose but Controlled Forces
The ball and socket joint provides maximum freedom of movement, but also has built-in stops that allow the molars to move directly to their desired position while preventing any unwanted over rotation or tipping.

The Motion Philosophy

Fast.
Shortens overall treatment time by up to four months as it treats Class II correction at the beginning of the orthodontic treatment, when there are no competing forces in the mouth caused by brackets or other appliances. A Class II correction can usually be completed in an average of 3-4 months.

Natural.
Mimicking a human hip ball-socket joint, the *Motion* Appliance allows the first molar to rotate and upright in its natural and correct finishing position, producing a continuous, natural, and uniform force for distal molar movement with controlled rotation and tipping correction. Built-in stops engineered in the appliance prevent the molars from over-rotating and the crowns from distal tipping. The *Motion* Appliance's low forces are biologically compatible during the Class II treatment.

Gentle.
The low force of the *Motion* Appliance is gentle on your patients, and its low profile design is very comfortable to wear. By treating the Class II platform first, it simplifies the entire treatment for you, and provides greater comfort for your patients.

GOING FROM CLASS II TO CLASS I HAS NEVER BEEN EASIER.

The *Motion* is a direct bond appliance that attaches to the maxillary canine and first permanent molar, providing a simple procedure for turning complex Class II patients into a Class I platform. Once a Class I condition is achieved, malocclusions become easier to treat and can be finished with your preferred orthodontic technique. Since there are no competing forces in the mouth when using this appliance, average Class II correction can usually be achieved in just three to four months.

- Eliminates wire changes and the distorting collateral forces that appear with every wire activation used in traditional methods.
- Minimizes root resorption.
- Patients are treated faster with less discomfort.
- High level of patient compliance as the appliance is aesthetically pleasing, and used during the initial phase of treatment when patient's motivation is still high.

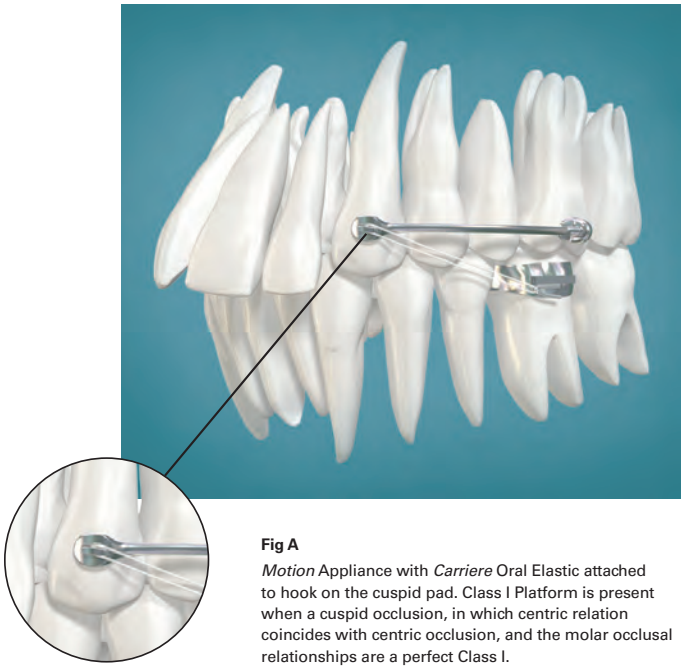


Fig A
Motion Appliance with *Carriere* Oral Elastic attached to hook on the cuspid pad. Class I Platform is present when a cuspid occlusion, in which centric relation coincides with centric occlusion, and the molar occlusal relationships are a perfect Class I.

How it Works.

- Corrects the posterior occlusion to an ideal Class I platform first by rotating and uprighting the maxillary first molars while distalizing the posterior segment, from canine or premolar to molars, into a perfect occlusion.
- Simultaneously produces a light, uniform force for distal molar movement.
- Independently moves each posterior segment, from canine or premolar to molar, as a unit.
- Used at the beginning of treatment when there are no competing forces in the mouth allows the distalization of the molars and premolars from 3 to 6 mm range, on average.

Indications.

- Most effective in treating Class II symmetrical and asymmetrical malocclusions without the need for extractions.
- May also be used in many Class I patients with mesially positioned maxillary molars.
- Growing patients are ideal, but adults may be treated as well.
- Mixed dentition Class II patients with fully erupted molars are candidates for Phase 1 treatment to establish a Class I platform.

MOTION APPLIANCE

EASE OF PLACEMENT.

The *Motion* Appliance is placed on the maxillary arch, but requires a solid and consistent source of anchorage in the mandibular arch to avoid protrusion of the lower incisors (a lower Essix Appliance with direct bonded tubes on lower molars, a passive lingual arch, a full mandibular fixed appliance, or mini-screws). Once the appliance is bonded, the *Carriere* Oral Elastics are attached from the mandibular molar to the hook of the maxillary cuspid of the *Motion* Appliance to activate.

The Movement Created by the Motion Appliance.
Bodily distalizes the maxillary posterior segments as a block while correcting upper first molar rotation and uprighting. The posterior portion of the *Motion* Appliance accomplishes three types of molar movement:

1. Uprighting of the crown, if it is mesially inclined *(Fig. 01)*. Once the molar has been uprighted, the articulation of the ball with the socket prevents distal tipping.

2. Distal rotation around the palatal root. When the maxillary first molar is mesially rotated around the palatal root, the molar occlusion may appear to be Class II, while in reality it is Class I with the canines in a cusp-to-cusp relationship *(Fig. 02)*. When the molar has been de-rotated, the shoulder of the posterior base contacts the mesial arm to prevent over-rotation.

3. Distal displacement without concurrent distal tipping of the crown.

Fig 01 – Provides controlled molar rotation and uprighting.

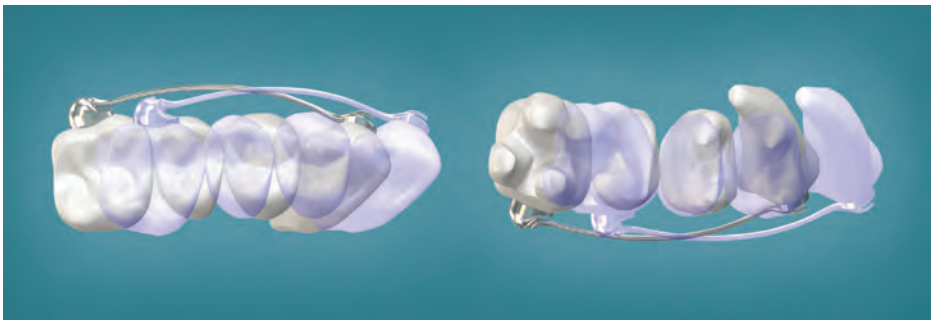


Fig 02 – The maxillary molars are distalized and rotated, providing a platform for maxillary canines to occlude in a Class I relationship.

Fig 03 – With mesially rotated molars, cuspids cannot occlude in Class I relationship.

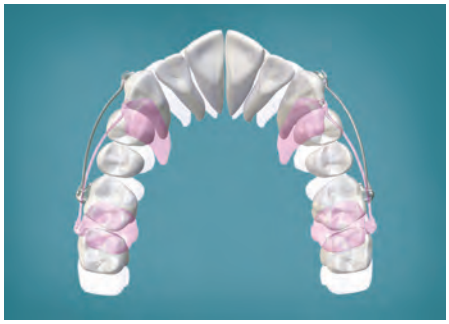


Fig 04 – Independently moves each posterior segment, from canine or premolar to molar, as a unit.

THE CARRIERE MOTION APPLIANCE

DESCRIPTION/SIZE	CATALOG NUMBERS LEFT & RIGHT (1 SET)
KITS	
Motion Standard Kit (1 set of each 23, 25, 27 mm)	424-900CN
Motion Master Kit (1 set of each 16, 18, 20, 23, 25, 27 mm)	424-901CN
Motion Mega Kit (20 sets) Kit Includes: 2 sets of 16 mm 3 sets of 18 mm 2 sets of 20 mm 3 sets of 23 mm 6 sets of 25 mm 4 sets of 27 mm	424-902CN

DESCRIPTION/SIZE	COLOR-CODE	ITEM NUMBERS LEFT	ITEM NUMBERS RIGHT	CATALOG NUMBERS LEFT & RIGHT (1 SET)
FIRST BICUSPID TO FIRST MOLAR*				
Motion 12 mm	—	424-912LN	424-912RN	424-912CN
Motion 13 mm	—	424-913LN	424-913RN	424-913CN
Motion 14 mm	—	424-914LN	424-914RN	424-914CN
Motion 15 mm	—	424-915LN	424-915RN	424-915CN
Motion 16 mm	White	424-916LN ◯	424-916RN ◯◯	424-916CN
Motion 17 mm	—	424-917LN	424-917RN	424-917CN
Motion 18 mm	Blue	424-918LN ●	424-918RN ●●	424-918CN
Motion 19 mm	—	424-919LN	424-919RN	424-919CN
Motion 20 mm	Pink	424-920LN ●	424-920RN ●●	424-920CN
Motion 21 mm	—	424-921LN	424-921RN	424-921CN

*"First Bicuspid to First Molar" and "Cuspid to First Molar" descriptions are an estimated guide of use. The size distalizer and span of teeth are dependent upon the age and size of each patient.

Ask for your free copy of "Class II Correction with Invisalign and Carriere Motion" by Dr. Schupp • 999-243

MOTION APPLIANCES

THE MOTION APPLIANCE

DESCRIPTION/SIZE	COLOR-CODE	CATALOG NUMBERS LEFT	CATALOG NUMBERS RIGHT	CATALOG NUMBERS LEFT & RIGHT (1 SET)
CUSPID TO FIRST MOLAR*				
Motion 22 mm	—	424-922LN	424-922RN	424-922CN
Motion 23 mm	Yellow	424-923LN	424-923RN	424-923CN
Motion 24 mm	—	424-924LN	424-924RN	424-924CN
Motion 25 mm	Red	424-925LN	424-925RN	424-925CN
Motion 26 mm	—	424-926LN	424-926RN	424-926CN
Motion 27 mm	Green	424-927LN	424-927RN	424-927CN
Motion 28 mm	—	424-928LN	424-928RN	424-928CN
Motion 29 mm	—	424-929LN	424-929RN	424-929CN
Motion 30 mm	—	424-930LN	424-930RN	424-930CN
Motion 31 mm	—	424-931LN	424-931RN	424-931CN
Motion 32 mm	—	424-932LN	424-932RN	424-932CN
Motion 33 mm	—	424-933LN	424-933RN	424-933CN
Motion 34 mm	—	424-934LN	424-934RN	424-934CN

DESCRIPTION/SIZE	CATALOG NUMBERS
ACCESSORIES	
Typodont-26 mm *Motion* with Lingual Arch	631-017D
Typodont-*Motion* with Clear Aligner	631-017DNE
Motion Elastics - Force 1, 1/4", 6 oz (50 packs of 100 elastics)	424-9F1
Motion Elastics - Force 2, 3/16", 8 oz (50 packs of 100 elastics)	424-9F2
Motion Storage Tray (1/pk)	CDA-TRAY
Fixed Lingual Contour Arch Appliance for Lower Anchorage Kit (5 of each size)	032-060
Fixed Lingual Contour Arch Appliance for Lower Anchorage, Size 1 (5/pk)	032-061
Fixed Lingual Contour Arch Appliance for Lower Anchorage, Size 2 (5/pk)	032-062
Fixed Lingual Contour Arch Appliance for Lower Anchorage, Size 3 (5/pk)	032-063
Fixed Lingual Contour Arch Appliance for Lower Anchorage, Size 4 (5/pk)	032-064
Essix, A+ .040 (100/pk)	617-4402

*"First Bicuspid to First Molar" and "Cuspid to First Molar" descriptions are an estimated guide of use. The size distalizer and span of teeth are dependent upon the age and size of each patient.

U.S. Patent Nos. 7,618,257; 6,976,839; 7,238,022

TransForce² Arch Developer Appliance

The next generation in expansion

TransForce² Arch Developers are available in two styles, Transverse and Sagittal. Each of these appliances can be used to treat all classes of malocclusion and are excellent for mixed dentition. Both styles mount lingually, making them very inconspicuous and require zero patient compliance. The *TransForce²* Arch Developer Appliances were developed in consultation with Dr. William J. Clark, the inventor of the *Clark Twin Block*®.

Virtually Invisible Assistance for Arch Development

Designed for ease of use, the *TransForce²* Arch Developer Appliances are preprogrammed to allow appliances to be placed without laboratory work. Both the Tranverse and Sagittal styles may be placed using first molar bands with standard .036" x .072" lingual sheaths.

Each *TransForce²* Arch Developer Appliance may be easily adjusted per patient. In addition, each expander module contains *Nitanium* Coil Springs generating approximately 200 grams of gentle biocompatible force.

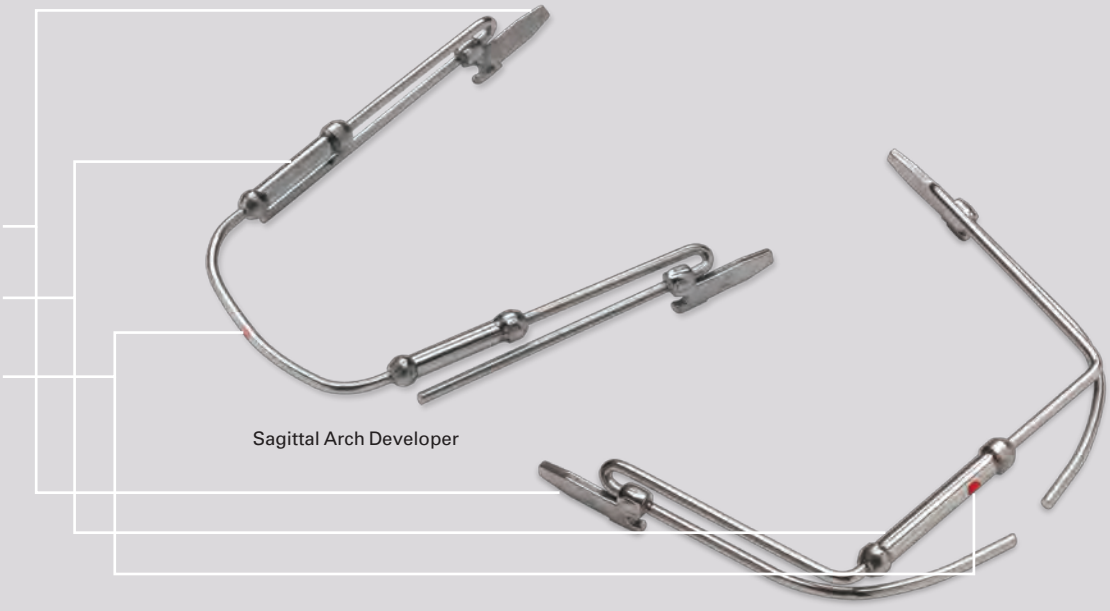
The Transverse and Sagittal Appliances are available in multiple sizes, individually or a starter assortment kit. Best of all, the developers are universal, which allows for less inventory as they can be used for either upper or lower arch development.

Dr. William J. Clark

Blades
For ease of insertion

Expansion Modules
Slow continuous force

Color-Code
Easy size identification



Sagittal Arch Developer

Transverse Arch Developer

ARCH DEVELOPER APPLIANCE

ITEM	DESCRIPTION

TransForce^2 Transverse Arch Developer

The Transverse Appliance has an expansion module to increase the inter-canine width (expands at the cuspids) and may be used in the upper or lower arch when expansion is required to accommodate crowding in the labial segments, or to correct arch width in constricted arches.

CATALOG NUMBER	COLOR-CODE	TRANSVERSE SIZE				MAXIMUM AMOUNT OF INTER-CANINE EXPANSION
		FULLY COMPRESSED		FULLY EXPANDED		
		INTER-CANINE	INTER-MOLAR WIDTH	INTER-CANINE	INTER-MOLAR WIDTH	
424-500	Transverse Kit (Includes one of each size)					
424-500T	Transverse Arch Development Planner					
424-526	Red	18 mm	27 mm	26 mm	36 mm	8 mm
424-528	Green	20 mm	30 mm	28 mm	38 mm	8 mm
424-530	Purple	22 mm	32 mm	30 mm	40 mm	8 mm
424-532	Pink	24 mm	35 mm	32 mm	43 mm	8 mm

TransForce^2 Sagittal Arch Developer

The Sagittal Appliance is specifically designed for anterior arch development (creates space by advancing the 3x3 labially) and is often indicated for simultaneous use in both arches. The appliance operates on the slide principle and may be used unilaterally or bilaterally to extend arch length.

CATALOG NUMBER	COLOR-CODE	SAGITTAL SIZE				MAXIMUM AMOUNT OF ANTERIOR-POSTERIOR EXPANSION
		FULLY COMPRESSED		FULLY EXPANDED		
		ANTERIOR-POSTERIOR	INTER-MOLAR WIDTH	ANTERIOR-POSTERIOR	INTER-MOLAR WIDTH	
424-700	Sagittal Kit (Includes one of each size)					
424-700T	Sagittal Arch Development Planner					
424-728	Green	24 mm	29 mm	28 mm	30 mm	4 mm
424-730	Purple	26 mm	29 mm	30 mm	31 mm	4 mm
424-732	Pink	28 mm	30 mm	32 mm	31 mm	4 mm
424-734	Blue	30 mm	30 mm	34 mm	32 mm	4 mm
424-736	Black	30 mm	34 mm	36 mm	36 mm	6 mm
424-738	Yellow	32 mm	35 mm	38 mm	37 mm	6 mm
424-740	White	34 mm	35 mm	40 mm	38 mm	6 mm

A *TransForce*^{2} Arch Developer Appliance Planner will be included at no charge in Transverse and Sagittal Kits. The planners are a great tool to help in choosing the correct size appliance for your patient. You may also order a planner by calling Customer Service.

Order a FREE Clinical Reference Guide today! Ask for part # 999-251.

Nitanium Palatal Expander[2] Multi-Purpose Finishing Appliance

The easy to use *Nitanium Palatal Expander[2]* takes expansion a step beyond

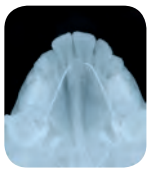
This extraordinary expansion appliance has the capacity to rotate, upright, distalize, and expand the anterior and posterior arches with gentle biocompatible force.

The *Nitanium Palatal Expander[2]* Appliance's action is the result of transition temperature and shape memory. Warmth within the patient's mouth activates movement in the thermal nickel titanium energy wire toward the appliance's pre-programmed shape. This produces the desired expansion in unison with tooth movement. Once the exact correction is achieved, the appliance stops expanding and lies passive.

The *Nitanium Palatal Expander[2]* Appliance offers many benefits, including the following:

- Slower expansion has shown to lower incidents of relapse*
- Thermally-activated *Nitanium* for total control eliminating patient's compliance
- Ease of placement and removal by the doctor
- Ortholoy arms and loops provide adjustability for fine-tuning and finishing
- No laboratory work is required – available in 10 sizes

Case Study – Patient #96807 Seven Month Progress



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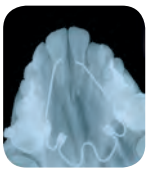
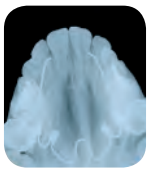
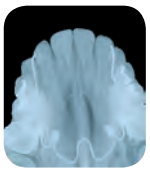


4-12-96



6-17-96



8-19-96

10-30-96

Ask for Your Free Copy of these Articles on the Nitanium Palatal Expander2 Appliance:
"Slow Maxillary Expansion with Nickel Titanium" By Drs. Ravi Nanda and Robert Marzban • 999-162
*"Slow and Continuous Maxillary Expansion, Molar Rotation and Molar Distalization" By Dr. Maurice Corbett • 999-151

EXPANSION & ROTATION APPLIANCE

ITEM	DESCRIPTION	CATALOG NO.
	Nitanium Palatal Expander² Appliance*	**101-760**
	Full-Range Kit Includes: • 1 Expander of Each of the Following 10 Sizes: 26 mm, 28 mm, 30 mm, 32 mm, 34 mm, 36 mm, 38 mm, 40 mm, 42 mm and 44 mm • 1 Can of Ortho Freez (10 oz) • 1 Acrylic Storage Holder • Instruction Manual	
	* Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.	
	Nitanium Palatal Expander² Appliance*	**101-760M**
	Mid-Range Kit Includes: • 1 Expander of Each of the Following 5 Sizes: 32 mm, 34 mm, 36 mm, 38 mm and 40 mm • 1 Can of Ortho Freez (10 oz) • 1 Acrylic Storage Holder • Instruction Manual	
	* Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.	
	Nitanium Palatal Expander² Appliance Individual Expanders **, * (1 per pack)**	
	26 mm Expander	**101-761**
	28 mm Expander	**101-762**
	30 mm Expander	**101-763**
	32 mm Expander	**101-764**
	34 mm Expander	**101-765**
	36 mm Expander	**101-766**
	38 mm Expander	**101-767**
	40 mm Expander	**101-768**
	42 mm Expander	**101-769**
	44 mm Expander	**101-770**
	Individual Components	
	Ortho Freez (10 oz can)*	**100-788**
	Expander Adjustment Pliers	**200-450**
	Acrylic Storage Rack	**120-015**
	* Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.	

* Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.
** For easy identification, each expander has size numbers permanently stamped on the assembly.
*** Expanders are for single-use only.

AUXILIARY PRODUCTS

The *Nitanium Palatal Expander*[2] Appliance simply slips into any of the following weldable Lingual Sheaths.

ITEM	DESCRIPTION	CATALOG NO.
	Lingual Sheath .036" x .072" slotted, horizontal, latching indent, fits left or right. Available in 10/pk This lingual attachment may be welded to create your preferred band assembly.	**971-032**
	Lingual Sheath .036" x .072" slotted, horizontal, latching indent, hook. Available in 10/pk • UR/LL • UL/LR This lingual attachment may be welded to create your preferred band assembly.	 **971-034** **971-035**
	Lingual Sheath .036" x .072" horizontal hook, slotted, latching indent. Available in 10/pk • UR/LL • UL/LR This lingual attachment may be welded to create your preferred band assembly.	 **971-036** **971-037**
	Lingual Sheath With vertical hook. Available in 10/pk • UR/LL • UL/LR This lingual attachment may be welded to create your preferred band assembly.	 **971-038** **971-039**

Individual band kits are available with a welded Lingual Sheath and Buccal Tube.

MOLAR ROTATION APPLIANCE

Nitanium Molar Rotator[2] Multi-Purpose Finishing Appliance

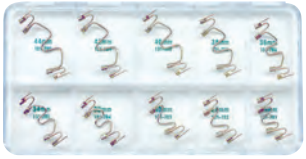
For patients requiring upper first molar rotation and stabilization

The *Nitanium Molar Rotator*[2] Appliance provides predictable rotation, torquing, and expansion in a pre-programmed appliance.

Advances in thermally activated nickel titanium provide the activating forces in this truly unique appliance. After insertion into the maxillary first molar lingual sheaths, the appliance provides a constant force to ensure the desirable end result.

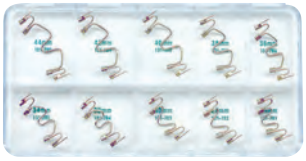
The *Nitanium Molar Rotator*[2] Appliance offers many benefits, including the following:

- Slower expansion has shown to lower incidents of relapse*
- Thermally-activated *Nitanium* for total control eliminating patient's compliance
- Ease of placement and removal by the doctor
- Ortholoy arm and loops provide adjustability for fine-tuning and finishing
- No laboratory work is required – available in 10 sizes
- Excellent for mixed dentition and adolescent cases
- Consistent and predictable end results

ITEM	DESCRIPTION	CATALOG NO.
	**Nitanium Molar Rotator[2] Appliance** Full-Range Kit Includes: • 1 Rotator of Each of the Following 10 Sizes: 26 mm, 28 mm, 30 mm, 32 mm, 34 mm, 36 mm, 38 mm, 40 mm, 42 mm and 44 mm • 1 Can of Ortho Freez (10 oz) • 1 Acrylic Storage Holder • Instruction Manual	**101-780**

Ask for Your Free Copy of this Article on the Nitanium Molar Rotator[2] Appliance:
*"Slow and Continuous Maxillary Expansion, Molar Rotation and Molar Distalization" By Dr. Maurice Corbett • 999-151

MOLAR ROTATION APPLIANCE

ITEM	DESCRIPTION	CATALOG NO.
	**Nitanium Molar Rotator² Appliance** **Individual Expanders *, **** **(1 per pack)**	
	26 mm Rotator	**101-781**
	28 mm Rotator	**101-782**
	30 mm Rotator	**101-783**
	32 mm Rotator	**101-784**
	34 mm Rotator	**101-785**
	36 mm Rotator	**101-786**
	38 mm Rotator	**101-787**
	40 mm Rotator	**101-788**
	42 mm Rotator	**101-789**
	44 mm Rotator	**101-790**
	Individual Components	
	Ortho Freez (10 oz can)***	**100-788**
	Expander Adjustment Pliers	**200-450**
	Acrylic Storage Rack	**120-015**

*** Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.

AUXILIARY PRODUCTS

The *Nitanium Molar Rotator²* Appliance simply slips into any of the following weldable Lingual Sheaths.

ITEM	DESCRIPTION	CATALOG NO.
	Lingual Sheath .036" x .072" slotted, horizontal, latching indent, fits left or right. Available in 10/pk This lingual attachment may be welded to create your preferred band assembly.	**971-032**
	Lingual Sheath .036" x .072" slotted, horizontal, latching indent, hook. Available in 10/pk • UR/LL • UL/LR This lingual attachment may be welded to create your preferred band assembly.	 **971-034** **971-035**
	Lingual Sheath .036" x .072" horizontal hook, slotted, latching indent. Available in 10/pk • UR/LL • UL/LR This lingual attachment may be welded to create your preferred band assembly.	 **971-036** **971-037**
	Lingual Sheath With vertical hook. Available in 10/pk • UR/LL • UL/LR This lingual attachment may be welded to create your preferred band assembly.	 **971-038** **971-039**

* For easy identification, each rotator has size numbers permanently stamped on the assembly.
** Rotators are for single-use only.

MULTI-DISTALIZING ARCH (MDA) APPLIANCE

A Fixed Appliance for Non-Extraction Cases

The *Multi-Distalizing Arch* (*MDA*) Appliance is a true multi-treatment device which reduces treatment time and cost, while improving patient comfort and cooperation.

Class II malocclusions may be corrected by combinations of restriction or redirection of maxillary or mandibular growth, distal movement of the maxillary dentition and mesial movement of the mandibular dentition. To establish a Class I molar relationship, and create space in the lateral segments for the canines or premolars in non-extraction treatment modalities, you must first distalize the maxillary first molars. Many treatment techniques require the use of extra-oral forces, such as headgear, requiring strict patient compliance.

The MDA Appliance allows non-extraction treatment in severely crowded cases by allowing distal movement for creating space. First and second molars can successfully be distalized up to 8-10 millimeter without tipping. The appliance is not phase dependent and therefore can be used in mixed dentition.

The MDA Appliance may be used for:

- Rapid bilateral or unilateral molar distalization in mandible or maxilla
- Rapid anterior retraction in maxilla
- Rapid anterior intrusion in maxilla

.042 Distal wires
Fit .045 face bow tubes

Adjustable distal loops

.016 x .022 anterior wire
For applying torque early in treatment

***Pro Form* Arch shape**
For natural arch form

Marked midline
For easy placement

Elastic Hook
Use Class II elastics to prevent flaring of anterior teeth

MULTI-DISTALIZING ARCH (MDA) FIXED APPLIANCE FOR NON-EXTRACTION CASES

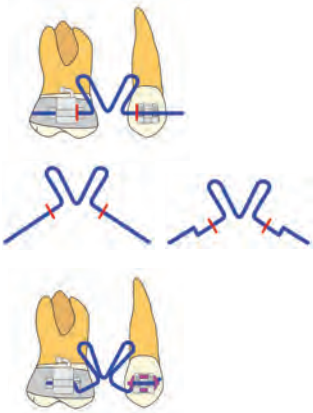
INDIVIDUAL COMPONENTS	MEASUREMENT	QUANTITY	ARCHES WITH OMEGA ADJUSTABLE STOP CATALOG NUMBER	QUANTITY	ARCHES WITHOUT OMEGA ADJUSTABLE STOP CATALOG NUMBER
Multi-Distalizing Arch Kit	80 mm - 98 mm	7 Per Pack	424-150	—	—
Size 1	80 mm	2 Per Pack	424-155	10 Per Pack	424-164
Size 2	83 mm	2 Per Pack	424-156	10 Per Pack	424-165
Size 3	86 mm	2 Per Pack	424-157	10 Per Pack	424-166
Size 4	89 mm	2 Per Pack	424-158	10 Per Pack	424-167
Size 5	92 mm	2 Per Pack	424-159	10 Per Pack	424-168
Size 6	95 mm	2 Per Pack	424-160	10 Per Pack	424-169
Size 7	98 mm	2 Per Pack	424-161	10 Per Pack	424-170
Size 8	101 mm	2 Per Pack	424-161B	10 Per Pack	N/A
Size 9	104 mm	2 Per Pack	424-161C	10 Per Pack	N/A
Omega Adjustable Stop	N/A	10 Per Pack	424-163	—	—

Note: For single-patient use only. For more information on how to select the correct MDA component, please contact Customer Service and request the Instructions for Use.

AUXILIARY PRODUCTS

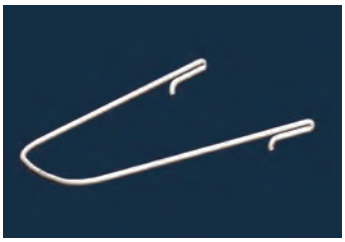
ITEM	DESCRIPTION	CATALOG NO.
	Nitanium Variable Force Spring This fixed spring may be used for non-compliant patients who will not wear their elastics. The spring provides up to 570 grams of force. (4 per pack) .020 x .100	**100-695**
	Nitanium Open Coil Spring .010 x .045 15" spool	**100-756**
	Elite Buccal Tubes Available loose, direct bond or prewelded to bands. Please reference pg. D-8 for more information.	

OTHER DISTALIZING APPLIANCES

ITEM	DESCRIPTION	CATALOG NO.
	**K-Loop Molar Distalizing Appliance** **Developed in Consultation with Dr. Varun Kalra** Used to distalize molars in a more bodily fashion as the special V-bend in the K-Loop Appliance moves both the crown and root distally. Made of .017" x .025" *CNA* Beta III Titanium archwire, the K-Loop Appliance produces gentle continuous forces for efficient and effective tooth movement. (5 per pack) **Activation:** Step 1: Insert K-Loop Appliance into first molar tube and first premolar bracket. Place a mark just mesial to the molar tube and distal to the premolar bracket. Step 2: Place 2.0 mm high step bend 2.0 mm distal to the molar mark and 2.0 mm mesial to the premolar mark. Step 3: Insert K-Loop Appliance in place and ligate into premolar bracket. Place a cinch back bend mesial to the premolar bracket as shown. Ask for YOUR FREE COPY of Dr. Kalra's Article on the K-Loop Distalizing Appliance • 999-187 (English Version)	**034-000**

Fixed Lingual Controlled Arch

Can be used for applications such as control of rotation, uprighting and stabilization, and space maintenance. A simple fixed "U" shaped stainless steel appliance that fits into standard .036" x .072" horizontal lingual sheaths. Available in sizes 1 through 4. Use in maxillary or mandibular arches.



FIXED LINGUAL CONTROLLED ARCH (5/PK)	
	CAT. NO.
Kit (contains 5 of each size)	032-060
Size 1	032-061
Size 2	032-062
Size 3	032-063
Size 4	032-064

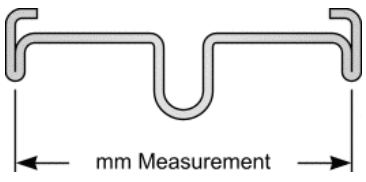
CNA Reverse (Mesial) Loop Palatal Arch

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. The Palatal Arch design fits .036" x .072" lingual sheaths and provides control of upper first molars. The arch is contoured to fit the upper palate and can be easily adjusted to fit individual patients.

CNA REVERSE LOOP PALATAL ARCH (5/PK)		
CNA PALATAL SIZE	UNIT/PACK	CATALOG NO.
CNA Arch Kit	8 arches	033-220
28 mm	5 each	033-228
30 mm	5 each	033-230
32 mm	5 each	033-232
34 mm	5 each	033-234
36 mm	5 each	033-236
38 mm	5 each	033-238
40 mm	5 each	033-240
42 mm	5 each	033-242

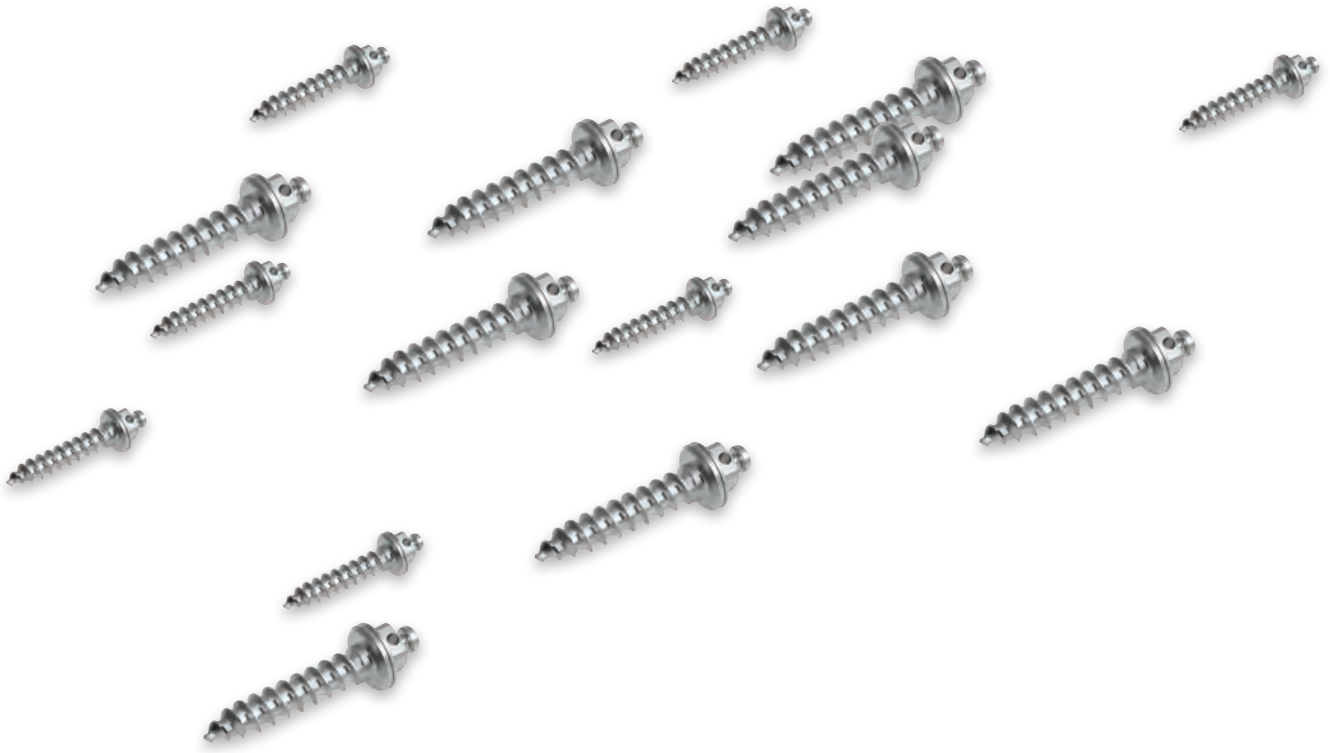
Palatal Bar

Stainless steel palatal bar is designed to fit .036" x .072" lingual sheath and provide control of upper first molars.



PALATAL BAR (5/PK)		
PALATAL SIZE	UNIT/PACK	CATALOG NO.
Palatal Bar Kit	20 (4 of each)	033-090
34 mm	5 each	033-091
37 mm	5 each	033-092
41 mm	5 each	033-093
45 mm	5 each	033-094
47 mm	5 each	033-095

MINI SCREWS | J



Ancor Pro® J-2
Temporary Orthodontic
Anchorage System

Accessories J-6

ANCOR PRO
Temporary Orthodontic Anchorage System

The Most Innovative Treatment Option Takes a New Turn

Establishing and maintaining effective anchorage is key to gaining control over both the quality of the results and the duration of many of your orthodontic treatments.

The *Ancor Pro* Orthodontic Anchorage System allows you to have greater control of patient outcomes by providing increased stabilization compared to traditional stabilization techniques.

With the turn of a screw, the *Ancor Pro* Anchor delivers absolute anchorage, and decreased reliance on patient compliance.

Superior Versatility, Simplicity, and Ease Of Use – By Design.
Developed by a team with more than 25 years of implant industry experience, the *Ancor Pro* Orthodontic Anchorage System has been specially designed to provide anchorage in a wide range of clinical applications, while offering simplicity, ease of use, and patient comfort.

Multi-functional Single Head
Supragingival head features an upper button and undercut for the attachment of elastic chain, closed loop coil springs and other auxiliary orthodontic devices. Tapered conical top features a lumen to accept wires up to .022" in diameter. This innovative multi-functionality means greater procedural versatility and streamlined inventory control.

Self-tapping & Self-drilling Mechanics
Sharp screw tips and threads allow for easy placement and removal chairside without general anesthesia.*

*Local anesthesia is suitable, in most cases

Ancor Pro Anchors are available in three popular sizes – 6 mm, 8 mm, 10 mm, and 1.6 mm diameter; made from Grade 5 Titanium; providing maximum strength for ultimate performance.

ANCOR PRO ANCHORAGE SYSTEM

The Absolute Anchorage System.

Ancor Pro Orthodontic Anchorage System provides a new means for increased stabilization in a variety of treatments. Moreover, it is backed by the rigorous quality control you have come to expect from our company.

Rely on the *Ancor Pro* Orthodontic Anchorage System with confidence for the following treatments:

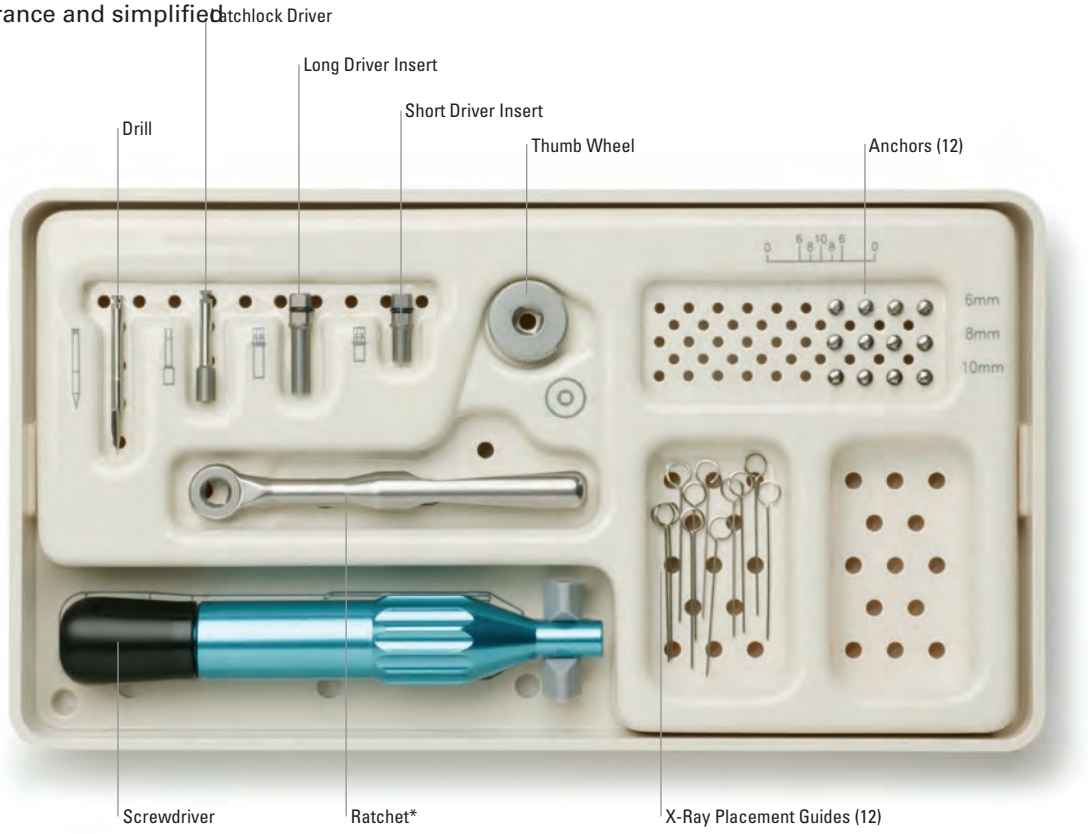
- Distalization of molars in the mandible and maxilla
- Mesialization of individual teeth or entire groups of teeth
- "En-masse" retraction
- Class II sliding mechanics
- Asymmetric Class II
- Space closure in a Class I occlusion
- Asymmetric occlusal plane

Due to the increased load tolerance and simplified biomechanics of the *Ancor Pro* Orthodontic Anchorage System, you can now establish immediate and absolute anchorage in locations previously impossible without invasive procedures such as orthognathic surgery and/or the extraction of teeth. This is also an alternative to the need for traditional devices such as headgear and other extraoral appliances.

Less Treatment Time. Less Reliance on Adherence. More Support.

With its advanced design, innovative features, and proven benefits, the *Ancor Pro* Orthodontic Anchorage System will increase patient comfort and help shorten treatment time.

Complete system – the *Ancor Pro* Orthodontic Anchorage System includes an autoclavable, fully loaded kit that allows for easy storage of all components while not in use.



*Ratchet sold separately from kit.

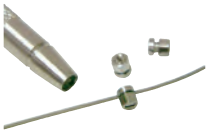
ANCOR PRO ANCHORAGE SYSTEM

ITEM	DESCRIPTION	CATALOG NO.
	Ancor Pro Kit An autoclavable, fully loaded storage case that allows for easy storage of all components while not in use. Kit includes: • 12 *Ancor Pro* Anchors: 4 of Each Size; 6, 8, 10 mm • 2 Drivers: 1 Long, 1 Short • 1 Latchlock Driver • 1 Thumbwheel • 1 Screwdriver • 1 Drill • 12 X-ray Placement Guides	**500-000**
	Ancor Pro Anchors Available in three sizes • 6 mm • 8 mm • 10 mm	 **500-006** **500-008** **500-010**
	Drivers Fit screwdriver, manual handle, and ratchet wrench. Available in short-6 mm and long-12 mm. Have internal retentive features to hold *Ancor Pro* Anchor securely. • Short Driver Insert • Long Driver Insert	 **500-022** **500-023**
	Latchlock Driver Used with standard hand pieces to insert *Ancor Pro* Anchor. Has internal retentive feature to hold *Ancor Pro* Anchor securely. Must be used at a very slow speed (10-20 rpm). Can be used to remove *Ancor Pro* Anchor with motor set in reverse.	**500-021**
	Thumbwheel Used with long or short driver insert. Provides good grip to start *Ancor Pro* Anchor in bone.	**500-024**

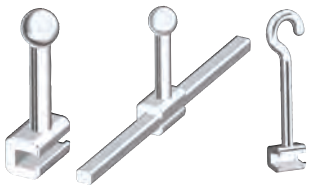
ANCOR PRO ANCHORAGE SYSTEM

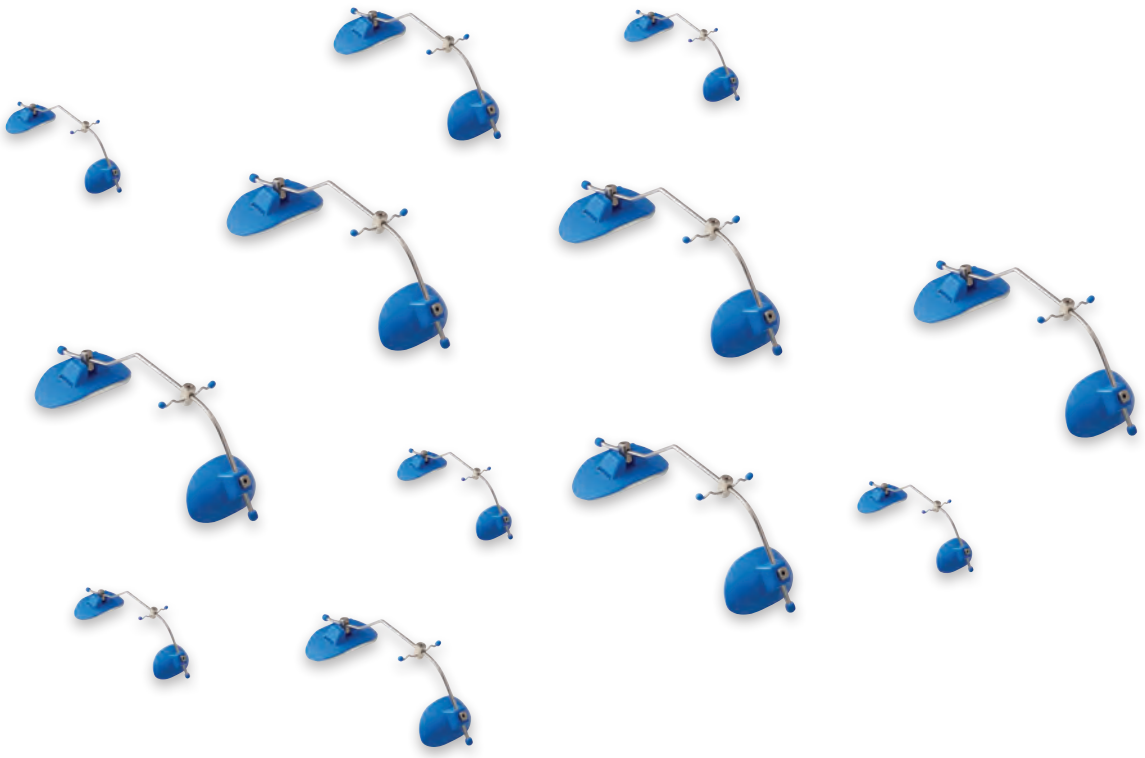
ITEM	DESCRIPTION	CATALOG NO.
	Screwdriver Used with long or short driver insert. Can be used for insertion, final seating, or removal of *Ancor Pro* Anchor.	**500-027**
	Drill Used for drilling through soft tissue and cortical bone. Largest diameter is 2.4 mm-0.1 mm less than collar diameter to ensure snug soft tissue around *Ancor Pro* Anchor.	**500-020**
	X-ray Placement Guide Used to mark the *Ancor Pro* Anchor insertion site easily and accurately.	**500-026**
	Ratchet (Optional) Used with long or short driver insert. Can be used for insertion or final seating of *Ancor Pro* Anchor. Arrow faces away from patient to insert *Ancor Pro* Anchor. Arrow faces toward patient to remove *Ancor Pro* Anchor.	**500-025**

ACCESSORIES

ITEM	DESCRIPTION	CATALOG NO.
	Spooled Dead Soft Ligature Wire Dead soft ligature wire is offered in a bright finish, and comes in an economical one pound spool for doctors who prefer to fabricate their own ligatures. One pound spooled ligature wire, .010 in diameter.	**100-417**
	Archwire Stop Lock with Hook This product is ideal for anchorage, placement of elastics, or springs and traction applications. The Double-Sided Archwire Stop Lock Wrench (430-036) can be used to lock in place. (5 per pack)	**430-034 • Rights** **430-035 • Lefts**
	Elastic Tube The elastic tube consolidates space in the entire arch, has good memory, and is easy to ligate. This hollow tube is ideal for rotation corrections, cuspid retractions, and figure 8's. Gray .25 Diameter 25' long	**400-025**
	Elastic Thread The elastic thread exerts continuous, long lasting, and predictable force which is ideal for rotations, retractions, and figure 8's. This product is made from solid elastomeric material in precision extruded threadform that is moisture, odor, and stain resistant. Gray .25 Diameter 25' long	**400-038**
	Double-Sided Archwire Stop Lock Wrench This double-sided wrench was designed specifically to make the application of the archwire stop lock and the archwire stop lock with hook as effortless as possible. 	**430-036**
	Nitanium Variable Force Spring This fixed spring may be used for non-compliant patients who will not wear their elastics. The spring provides up to 570 grams of force. (4 per pack) .020 x .100	**100-695**

ACCESSORIES

ITEM	DESCRIPTION	CATALOG NO.
	Nitanium Coil Spring Kit These springs are manufactured from a super-elastic nickel titanium that is designed to open and close spaces with consistent and predictable results. *Nitanium* coil springs have an exclusive perpendicular loop design which is easy to engage and remove.	
	.010 x .030 – 9 mm Closing Springs (6 per pack)	**100-622**
	.010 x .030 – 12 mm Closing Spring (6 per pack)	**100-623**
	.010 x .030 – 9 mm Ligature Closing Springs (4 per pack)	**100-626**
	.010 x .030 – 12 mm Ligature Closing Springs (4 per pack)	**100-627**
	.010 x .030 – 15 mm Open Coil Springs (10 per pack)	**100-630**
	.010 x .036 – 15 mm Open Coil Spring (10 per pack)	**100-631**
	Endura® Plus™ Hook Crimping Pliers Designed for placement and the securing of crimpable archwire hooks and power hooks. The product's angled beak allows for precise placement of hook on the archwire.	**204-332 • Straight** **204-333 • Angled**
	**Crimpable Archwire Hooks** Precision-MIM crimpable hooks are easily crimped onto archwires for precise placement in or outside of the mouth. Crimp tubes create a strong, non-sliding lock with the archwire and remains firmly in place during treatment. Ball hook may be bent for right or left applications, and all hooks fit round or rectangular wire up to .018 x .025. (20 per pack)	
	Crimpable Ball Hook	**430-010**
	Crimpable Archwire Power Hook (Rights)	**430-015**
	Crimpable Archwire Power Hook (Lefts)	**430-016**



MISCELLANEOUS

ITEM	DESCRIPTION	CATALOG NO.

Extraoral Laser Welded Facebow (Pro-Bow™)

This facebow is comfortable for the patient, plus it is easy to adjust and durable. The laser welded joint is much smoother and cleaner than a solder joint. The bow is made of solid wire with no hollow wire inserted. Hygienic, corrosion resistant, and more visually attractive. Permanently marked with a centerline. Wire diameter: .045; Angulation: 0°. Vertical loops on inner bow are adjustable.

INNER ARCH	SIZE NUMBER	MM LENGTH	CATALOG NO.
.045	1	83	425-011
.045	2	90	425-012
.045	3	97	425-013
.045	4	104	425-014
.045	5	111	425-015
.045	6	Straight	425-016

Safety Neck Pads

These modules greatly reduce the risk of slingshot rebound from headgear. Reassembly after release is easy. The stainless steel coil spring allows the doctor to apply specific forces depending on which hole he inserts the facebow into.

Neck Pad & Safety Release with Stainless Steel Spring

• SS Black Safety Neck Pad (Black Clip)	**426-002**
• SS Black Safety Neck Pad (Glow-in-the-Dark Clip)	**426-003**
• Black Pad Component (5 per pack)	**426-000**

Velpro™ Safety Neck Pad

Soft *Velpro* Material offers maximum patient comfort, while greatly reducing slingshot rebound from headgear. Reassembly after release is easy. The stainless steel coil spring allows the doctor to apply specific forces depending on which hole he or she inserts the facebow into. Comes as a complete assembly only with black clip.

Black	**426-070**
Purple	**426-071**
Pink	**426-072**
Blue	**426-073**
Teal	**426-074**
Black Clip Component (10 per pack)	**426-020**

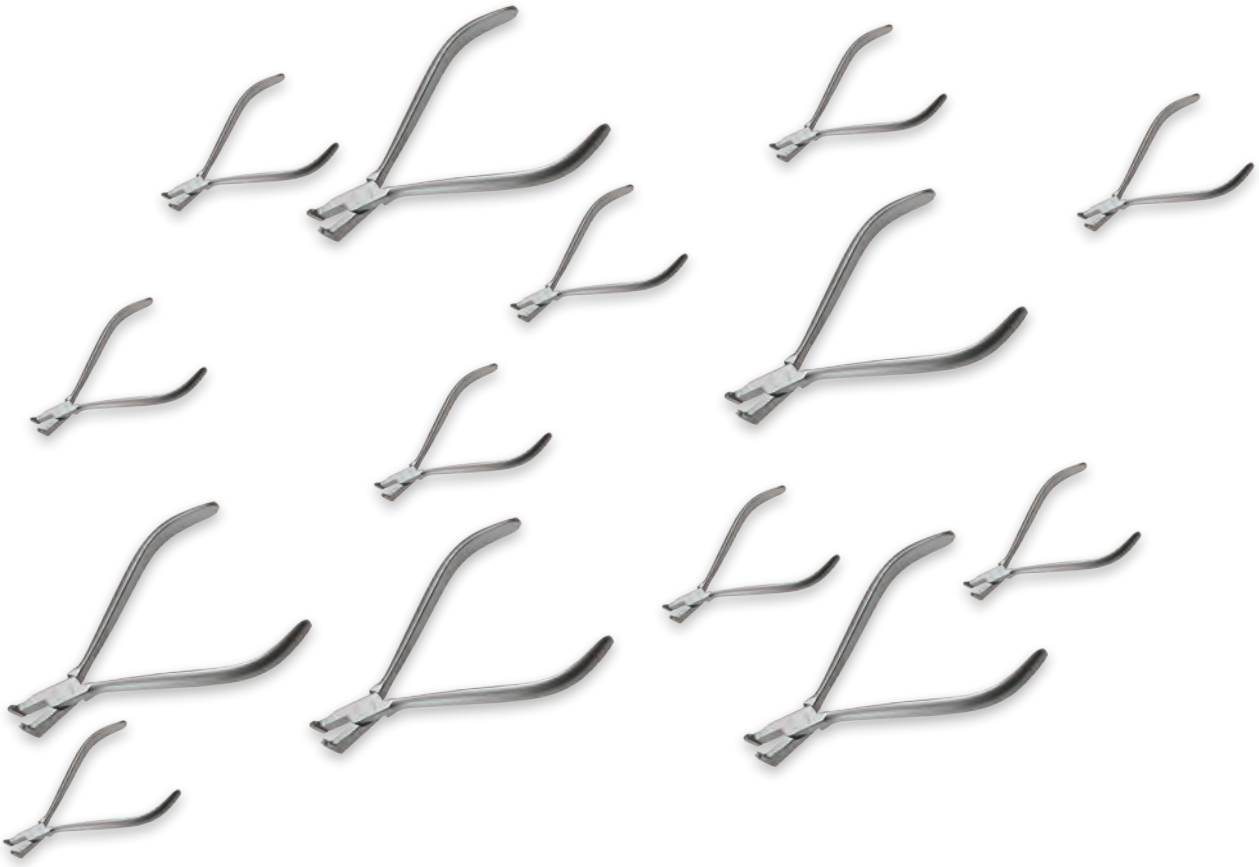
Force of Clip Component

MARK NUMBER	AVG. GRAMS	AVG. OUNCES	AVG. POUNDS
1	291	10	0.65
2	414	15	0.98
3	524	19	1.17
4	613	22	1.37
5	730	26	1.63
6	875	31	1.95
7	966	35	2.16
8	1104	39	2.47
9	1196	43	2.67
10	1342	49	3.04

MISCELLANEOUS

ITEM	DESCRIPTION	CATALOG NO.
	Face Mask (Reverse Pull) For use in Class III cases, made of stainless steel and durable plastic. Features a lightweight, comfortable, design. Plus, comes in a convenient carrying case. Easily adjusts to fit all patients. Blue Red Teal Pearl	 **426-055** **426-056** **426-057** **426-058**
	Extraoral Elastics Available only in amber, ½" thickness (1000 per pack) 8 oz 16 oz	 **408-073** **408-074**
	Safety High-Pull Head Caps Extra heavy duty construction for sturdy dependability. Easy to adjust. **SS Black High Pull Cap** • Black Clip **Safety High-Pull Head Cap Components** • Black Caps (5 per pack) • Black Clips (10 per pack)	 **426-012** **426-010** **426-020**
	Class II Bow™ Designed for use with Class II elastics to distally drive or maintain anchorage of upper molars. Patient acceptance is much higher with *Class II Bow* over conventional headgear. Pre-soldered with pliable brass hooks for elastic use. Adjusting loops may be formed in wire, if desired. .045" wire diameter. (10 per pack)	**100-090**
	Chin Cup Designed for use with either high-pull or vertical-pull headgear. Felt lined for comfort. Rigid plastic cup will not squeeze patient's chin or cheeks.	**426-050**

INSTRUMENTS | L



Triumph L-2
Orthodontic Instruments

Triumph Orthodontic. L-9
Instruments Warranty

Endura Plus L-10
Orthodontic Instruments

Endura Plus L-18
Orthodontic Instruments
Warranty

Ligating Instruments L-19

Double Ended. L-22
Instruments

Miscellaneous L-24
Instruments

Pliers Racks/Stands L-30

Quality and engineering come together for superior performance

The *Triumph* Orthodontic Instrument line provides the orthodontic professional an exquisite product offering of instruments. The attention to detail in the engineering of these durable, high-quality instruments is unmatched in the industry.

Every instrument offers:

Bonding pliers offer a smooth, radius joint

Instrument tips stay aligned and perform smoothly for stress-free use

Laser engraved part number and applicable wire sizes for easy identification

Triumph Instruments feature supreme quality backed by the following warranties:

- 10 years for Benders and Utility Pliers
- 7 years for Cutters
- 1 year for Mathieus

A. Maximum performance stainless steel insert

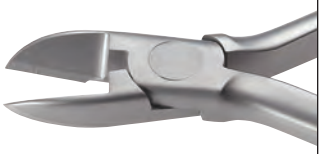
B. Diamond-honed cutting edges

C. High-quality, corrosion resistant stainless steel forgings

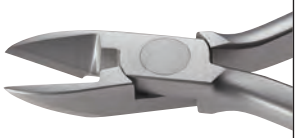
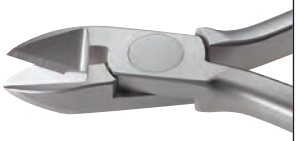
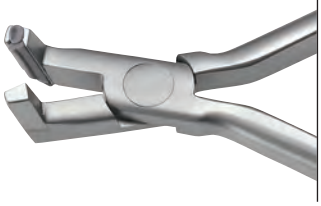
D. Ergonomic design for maximum comfort and safety

E. Stunning satin finish reduces glare for precise treatment

TRIUMPH CUTTING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Distal End Cutter (Safety Hold) Shear cuts hard wire, and can easily cut all types of wires ranging from .012" (.30 mm) to .021" x .025" (.53 mm x .64 mm).	**205-101**
	Distal End Cutter (Safety Hold) w/Long Handle Long handle option that can easily cut all types of wires ranging from .012" (.30 mm) to .021" x .025" (.53 mm x .64 mm).	**205-101XL**
	Hard Wire Cutter Designed to cut hard wire up to .022" x .028" (.56 mm x .71 mm).	**205-104**
	**Multi-Use Cutter** Designed to cut soft-wire pins and ligature wire up to .015" (.38 mm).	**205-105**
	Mini Pin & Ligature Cutter The smaller tips on this model allow access into hard-to-reach areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).	**205-106**
	Micro Mini Pin & Ligature Cutter The fine tips on this model allow access into hard-to-reach areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).	**205-107**

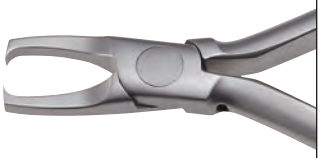
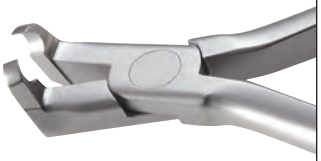
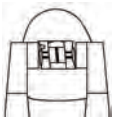
TRIUMPH CUTTING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	**Micro Mini Pin & Ligature Cutter, 15° Angled** 15˚ offset with fine tips allow access into hard-to-reach areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).	205-109
	**Micro Cutter** The extra fine tips allow access to tight inter-bracket areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).	205-110
	**Distal End Cutter Safety Hold & Flush Cut** The safety hold cutter cuts flush distal to the buccal tube. Cuts all types of archwires up to .020" round (.51 mm) or .019" x .025" (.48 mm x .64 mm) rectangular. Replacement Silicone Insert (3 per pack)	205-111 205-011

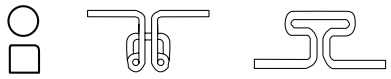
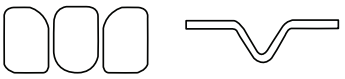
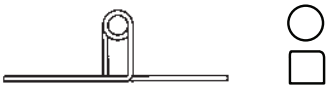
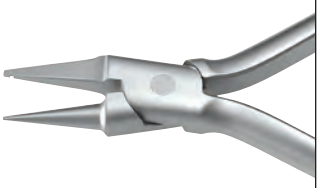
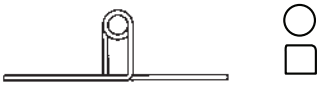
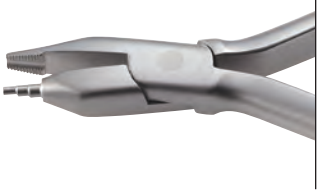
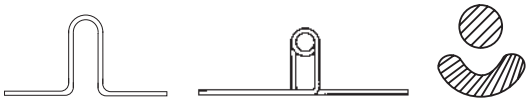
TRIUMPH UTILITY INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Weingart Pliers Serrated tips hold wires firmly in the mouth. Tapered beaks fit easily into hard-to-reach areas. 	205-202
	How Pliers Serrated tips are designed for superior wire gripping. How Pliers are useful for placement and removal of archwires pins, and other auxiliaries. 	205-203

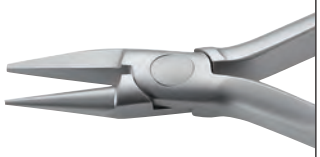
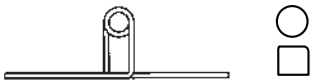
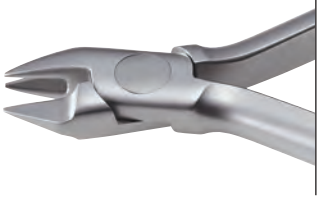
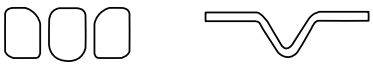
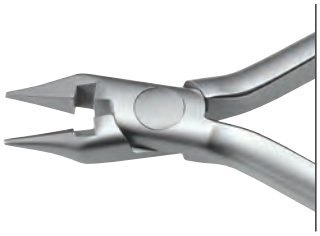
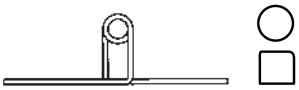
TRIUMPH UTILITY INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Adhesive Removing Pliers Superior tip design allows easy access to remove excess adhesive after debonding. Double ended replaceable blade. Adhesive Remover - Replacement Blade Adhesive Remover - ¼" Replacement Pads (6)	**205-206** **205-206B** **205-206T**
	Posterior Band Remover, Long Safely and quickly removes posterior bands. The pointed tip slides under the band while the plastic tip protects the occlusal surface of the tooth for easy band removal and patient comfort. Band Remover 3⁄16" Replacement Pads (6) Band Remover ¼" Replacement Pads (6) 	**205-207** **205-207T** **205-207TT**
	**Debonding Pliers** Safely and easily removes steel, ceramic, and plastic direct bond brackets and remaining adhesive from the tooth surface.	**205-219**
	**Angulated Debonding Pliers** The angulated design quickly and easily removes anterior and posterior direct bond brackets. 	**205-220XL**
	Crown & Band Contouring Pliers Ideal for reshaping molar bands and crowns.	**205-221**

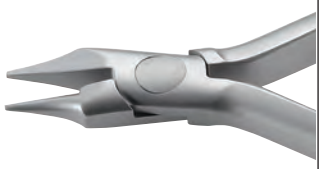
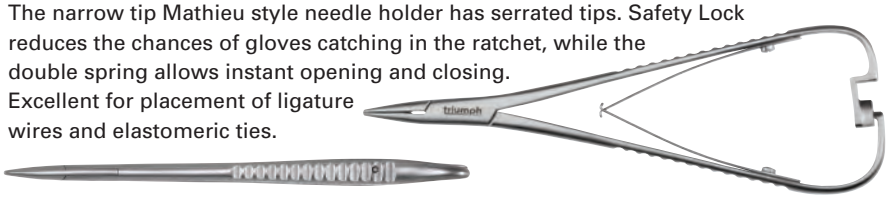
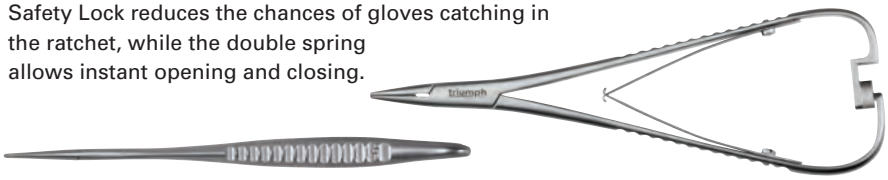
TRIUMPH WIRE FORMING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Jarabak Pliers Excellent for precise wire bending and forming of loops. The fine serrations on the square beak and three precision grooves permit accurate and intricate bends and loops. Wires up to .020" (.51 mm) 	**205-301**
	Three Jaw Pliers Adjust clasps, retainers, and archwires without marring the wire. The precision tips are carefully beveled to create extreme accuracy in adjustments. Wires up to .030" (.76 mm) 	**205-302**
	Bird Beak Pliers An instrument for all types of wire bending. The round and pyramid shaped tapered beaks will work with any size wire up to .030" (.76 mm). 	**205-304**
	**Light Wire Pliers with Groove** Precision tapered beaks allow intricate bends and loops in archwires up to .020" (.51 mm). The groove ensures a no-slip grip. 	**205-305**
	**Tweed Loop Forming Pliers** Excellent for making precise loops in .045" (1.1 mm), .060" (1.5 mm), and .075" (1.9 mm) diameters in wires up to .022" x .025" (.53 mm x .64 mm). 	**205-306**
	Rectangular Arch Forming Pliers Easily torque and bend wires without nicking the archwire. .070" (1.8 mm) blade width. Wires up to .022" x .025" (.53 mm x .64 mm) 	**205-308**

TRIUMPH WIRE FORMING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Lingual Arch Forming Pliers Forms double-back and triple-back bends in .030" and .036" wire for lingual sheaths. 	**205-309**
	Hollow Chop Contouring Pliers Smooth working surfaces allow for consistent forming and contouring of arches up to .030" (.76 mm). 	**205-310**
	**Light Wire Pliers** Precision tapered beaks allow intricate bends and loops in archwires up to .020" (.51 mm). 	**205-318**
	Stop (V-Bend) Pliers Place an accurate 1 mm V-Bend with one simple squeeze to shorten archwire or provide a positive stop. Wires up to .022" x .025" (.53 mm x .64 mm) 	**205-321**
	**NiTi Three Jaw Pliers** Bends and forms NiTi and all other archwires up to .020" (.51 mm). 	**205-322**
	**Bird Beak Pliers with Cutter** A versatile instrument that bends and cuts archwires up to .022" x .025" (.53 mm x .64 mm). 	**205-325**

TRIUMPH WIRE FORMING PLIERS/LIGATING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	**Long Tapered Bird Beak Pliers** Long tapered beaks allow for intricate bends of archwires up to .022" x .025" (.53 mm x .64 mm).	**205-326**
	NiTi Distal Cinch Back Pliers Cinches and bends NiTi wire distal to buccal tube. Wires up to .025" (.63 mm)	**205-327**
	Narrow Tip The narrow tip Mathieu style needle holder has serrated tips. Safety Lock reduces the chances of gloves catching in the ratchet, while the double spring allows instant opening and closing. Excellent for placement of ligature wires and elastomeric ties. 	**205-402**
	Smaha Ultra Fine Tip The ultra fine tip Mathieu style needle holder has serrated tips. This Mathieu instrument is exceptional for use when placing elastic ligature ties. Safety Lock reduces the chances of gloves catching in the ratchet, while the double spring allows instant opening and closing. 	**205-403**

LUBRICANT/WARRANTY

ITEM	DESCRIPTION	CATALOG NO.
	Silicone Instrument Lubricant Specially formulated lubricant and rust inhibitor for the care of surgical instruments. One drop after each sterilization cycle is all that is needed to help extend instrument life, and to maintain smooth and proper operation.	**600-123 (½ oz)** **600-124 (4 oz)**

TRIUMPH INSTRUMENT WARRANTY POLICY

Warranty Policy: *Triumph* Orthodontic Instruments provide warranty against material defects and craftsmanship for the life of the product. Cutters are guaranteed for seven (7) years, benders and utility pliers for ten (10) years, and Mathieus pliers are guaranteed for one (1) year. This covers corrosion, joint failure, and breakage under normal use. Proper cleaning and maintenance is required to maintain the warranty. This warranty may be void if instruments are not properly cared for, including cleaning and lubrication. *Ortho Organizers* reserves the right to decide whether an instrument is to be repaired or replaced. Sharpening cutters and repairing minor tip damage is not covered by warranty as it is considered routine maintenance for normal use.

Cleaning:
Clean and remove any bulk debris immediately after use. Use an enzymatic cleaning solution in an ultrasonic cleaner to clean instruments. Your ultrasonic solution should be changed daily. Hinged instruments should be cleaned and sterilized in the open position. Discoloration and oxidation may occur if instruments are improperly cleaned. To increase the life of your instruments, clean them well. Use detergents and disinfectants suitable for use with medical and/or dental instruments. Follow manufacturer's instructions related to concentration and length of exposure.

Lubrication:
To increase the life of your instruments, routine lubrication is recommended. Prior to sterilization, lubricate instruments. This should be done at least weekly. Use only lubricants designed for precision hinged instruments. If using a dry heat sterilizer, be sure to use a lubricant that is compatible with the operating temperatures of your dry heat unit.

Sharpening:
Regular sharpening of your cutter will increase its service life, and its ability cut more effectively. Frequency of sharpening depends on: the frequency of use, as well as, the types and diameters of wires on which the cutter is being used. Check cutters frequently to assess if sharpening is needed.

Sterilizing:
Instruments should be in the open position when sterilized. The most efficient method is steam autoclave. *Triumph* Orthodontic instruments are actually designed for use with steam autoclave. Steam autoclaves will not dull cutters. Other types of sterilizing methods include chemical vapor or dry heat. Using cold sterilants is not recommended. If used, they can chemically attack your instruments. All sterilizing units must be clean and operating properly.

Corrosion:
Triumph Orthodontic Instruments are very resistant to corrosion. You can prevent corrosion problems by properly following all manufacturers' recommendations. Discoloration may appear that may not be corrosion. Organic materials that remain can give the appearance of corrosion and be mistaken for rust. Never mix a corroded instrument with new instruments as oxidation may be spread to new instruments. It is recommended that a corroded instrument be discarded and replaced.

Routine Maintenance and Non-Warranty Repairs: Do not send instruments directly to us for routine maintenance, sharpening, or reconditioning six (6) months after purchase or later. Normal maintenance, including re-sharpening and reconditioning, may be obtained at:

Henry Schein® Pro Repair • (800) 367-3674 • 1666 East Touhy Avenue • Des Plaines, IL 60018 • www.prorepair.com • prorepair@henryschein.com

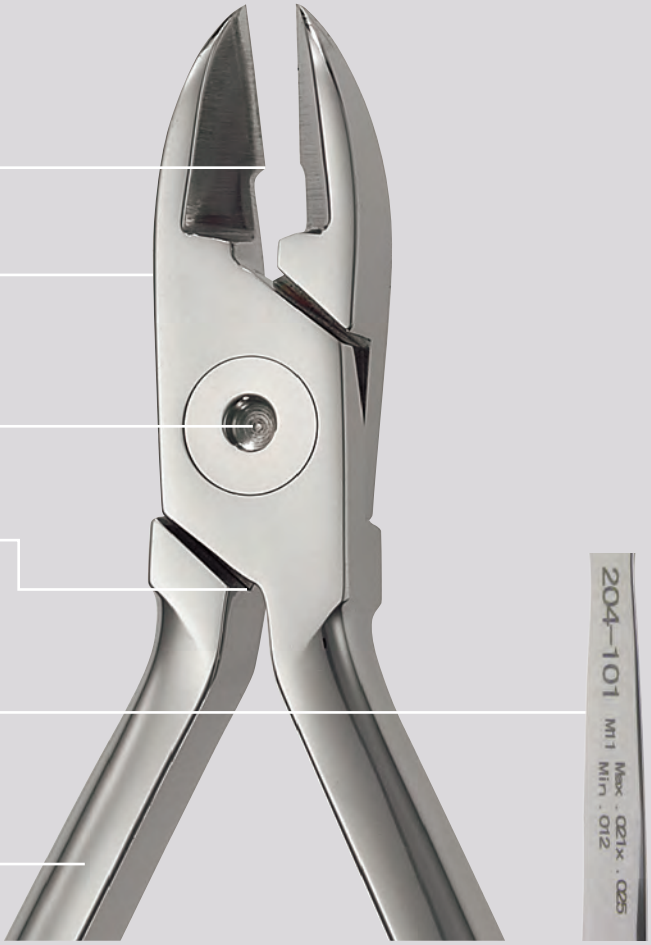
Alternative maintenance providers may also be used. ***Ortho Organizers*** does not warrant actions by any maintenance service providers, and assumes no responsibility for the results of any maintenance services performed.any maintenance services performed.

Performance, Usability, and Guaranteed Reliability

Our new *Endura Plus* Pliers have been designed and manufactured with an attention to detail that will assure enhanced performance and longevity. The care and precision that goes into each and every instrument will ensure a quality you can rely on every time you pick one up!

Quality Features Include:

- Superior performance stainless steel inserts
- Smooth and contoured edges
- Reliable flush screw joint
- Polished corrosion-resistant finish
- Laser-engraved part numbers and applicable wire sizes on handles
- Lifetime warranty against material defects and craftsmanship



ENDURA PLUS CUTTING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Distal End Cutter (Safety Hold) Can easily cut all types of wires ranging from .012" (.30 mm) to .021" x .025" (.53 mm x .64 mm).	**204-101**
	Distal End Cutter (Safety Hold) w/Long Handle Long handle option that can easily cut all types of wires ranging from .012" (.30 mm) to .021" x .025" (.53 mm x .64 mm).	**204-101XL**
	Small Distal End Cutter (Safety Hold) w/Long Handle Compact tips for easier access. Safety hold is ideal for cutting wires within the patient's mouth. Pliers shear-cut hard wires close to the buccal tube and hold loose wire. Maximum cutting capacity: archwires up to .019" x .025" (.48 mm x .64 mm).	**204-338**
	Distal End Cutter Safety Hold & Flush Cut The safety hold cutter cuts flush distal to the buccal tube. Cuts all types of wires from .010" (.25 mm) up to .020" (.51 mm). Replacement Silicone Insert (3 per pack)	**204-111** **205-011**
	Hard Wire Cutter, 15° Angled Designed to cut hard wires ranging from .010" (.25 mm) to .022" x .028" (.56 mm x .71 mm).	**204-103**
	Multi-Use Cutter Designed to cut soft-wire pins and ligature wire up to .015" (.38 mm).	**204-105**

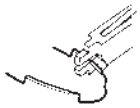
ENDURA PLUS CUTTING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Micro Mini Pin & Ligature Cutter The fine tips on this model allow access into hard-to-reach areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).	204-107
	Micro Mini Pin & Ligature Cutter w/Long Handle Long handled option that allows even easier access into those hard-to-reach areas. Also designed to cut soft wires up to .012" (.30 mm).	204-107XL
	Micro Mini Pin & Ligature Cutter, 15° Angled 15˚ offset with fine tips allow access into hard-to-reach areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).	204-109
	Micro Cutter The extra fine tips allow access to tight inter-bracket areas. Designed to cut soft-wire pins, elastics, and ligature wire up to .012" (.30 mm).	204-110

ENDURA PLUS UTILITY INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Slim Weingart Pliers Serrated tips hold wires firmly in the mouth. Tapered beaks fit easily into hard-to-reach areas.	204-202
	How Pliers Serrated tips are designed for superior wire gripping. How Pliers are useful for placement and removal of archwires pins, and other auxiliaries.	204-203

ENDURA PLUS UTILITY INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Utility Arch Pliers Special design with 3 mm step for accurate utility arch construction. The notches in pliers' beak crimp preformed utility archwires into proper position. 	**204-334**
	Angled Utility Arch Pliers Angled beak with pin simplifies the placement and manipulation of preformed utility archwires. Forms 3 mm steps for accurate utility arch construction. Preformed utility archwires can be easily crimped in the mouth. 	**204-335**
	3 mm Utility Pliers Automatically form a 3 mm step in archwire. Excellent instrument for bending utility archwires.	**204-336**
	Crown & Band Contouring Pliers Ideal for reshaping molar bands and crowns.	**204-221**
	Hook Crimping Pliers, Straight Designed for placement and securing of crimpable archwire hooks and power hooks. Straight beak allows for direct placement of hook on archwire.	**204-332**
	Hook Crimping Pliers, Angled Designed for placement and securing of crimpable archwire hooks and power hooks. Angled beak allows for precise placement of hook on archwire.	**204-333**

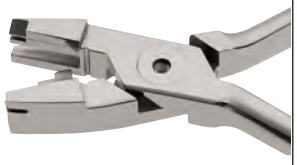
ENDURA PLUS DEBONDING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Adhesive Removing Pliers Superior tip design allows easy access to remove excess adhesive after debonding. Double ended replaceable blade. Adhesive Remover - Replacement Blade Adhesive Remover - ¼" Replacement Pads (6)	**204-206** **205-206B** **205-206T**
	Posterior Band Removing Pliers, Long Safely and quickly removes posterior bands. The pointed tip slides under the band while the plastic tip protects the occlusal surface of the tooth for easy band removal and patient comfort. Band Remover 3⁄16" Replacement Pads (6) Band Remover ¼" Replacement Pads (6)	**204-207** **205-207T** **205-207TT**
	Direct Bond Bracket Removing Pliers Safely and easily removes steel, ceramic, and plastic direct bond brackets and remaining adhesive from the tooth surface.	**204-213**
	Debonding Pliers Safely and easily removes steel, ceramic, and plastic direct bond brackets and remaining adhesive from the tooth surface.	**204-219**
	Angulated Debonding Pliers The angulated design quickly and easily removes anterior and posterior direct bond brackets.	**204-220XL**

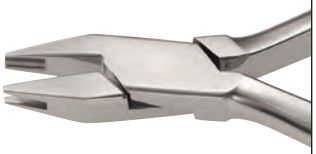
ENDURA PLUS WIRE FORMING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Jarabak Pliers Excellent for precise wire bending and forming of loops. The fine serrations on the square beak and three precision grooves permit accurate and intricate bends and loops. Wires up to .020" (.51 mm)	**204-301**
	Three Jaw Pliers Adjust clasps, retainers, and archwires without marring the wire. The precision tips are carefully beveled to create extreme accuracy in adjustments. Wires up to .030" (.76 mm)	**204-302**
	Bird Beak Pliers An instrument for all types of wire bending. The round- and pyramid-shaped tapered beaks will work with any size wire up to .030" (.76 mm).	**204-304**
	Light Wire Bird Beak Pliers w/Groove Precision-tapered beaks allow intricate bends and loops in archwires up to .020" (.51 mm). The groove ensures a no-slip grip.	**204-305**
	Tweed Loop Forming Pliers Excellent for making precise loops in .045" (1.1 mm), .060" (1.5 mm), and .075" (1.9 mm) diameters in wires up to .022" x .025" (.53 mm x .64 mm).	**204-306**
	Arch Bending Pliers Easily torque and bend wires without nicking the archwire. .070" (1.8 mm) blade width. Wires up to .022" x .025" (.53 mm x .64 mm)	**204-307**

ENDURA PLUS WIRE FORMING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Lingual Arch Forming Pliers Forms double-back and triple-back bends in .030" (.76 mm) and .036" (.91 mm) wire for lingual sheaths.	204-309
	Hollow Chop Contouring Pliers Smooth working surfaces allow for consistent forming and contouring of arches up to .030" (.76 mm).	204-310
	Mini Three Jaw Pliers Precision tips for accurate wire and clasp adjusting and contouring. Also excellent pliers for bonding of orthopedic appliances. Superior strength for wires up to .030" (.76 mm).	204-312
	Light Wire Bird Beak Pliers Precision tapered beaks allow intricate bends and loops in archwires up to .020" (.51 mm).	204-318
	Nance Loop Forming Pliers Precision loop forming with four step tip (3, 4, 5, and 6 mm). Excellent for wires up to .022" (.53 mm). Non-serrated tips and beveled edges prevent wire scoring.	204-319
	**Loop Tie Back Pliers** Four-step pliers automatically form loops on wire up to .020" (.51 mm) with one motion. Closing loops are easily made to desired height.	204-328

ENDURA PLUS WIRE FORMING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Adams Pliers Tapered square beaks; .045" (1.1 mm) at tip and parallel at 1 mm opening, ideal for placing all types of attachments or bending wire up to .40" (1.0 mm).	**204-320**
	**Stop (V-Bend) Pliers** Place an accurate 1 mm V-bend with one simple squeeze to shorten archwire or provide a positive stop. Wires up to .022" x .025" (.53 mm x .64 mm).	**204-321**
	Optical Pliers Round and concave beaks bend round or rectangular wire with a firm grip that will not score wire. Easily bends and forms all types of wire up to .022" x .025" (.53 mm x .64 mm).	**204-323**
	Bird Beak Pliers w/Cutter A versatile instrument that bends and cuts wire ranging from .015" (.38 mm) to .025" (.64 mm).	**204-325**
	Torquing Pliers Set w/Key Specifically designed to place torquing bend into the small sections of archwires (such as a bend for a single tooth) without distorting adjacent sections of the archwire. Two-piece set consists of one torquing plier and corresponding key. 	**204-337**

ENDURA PLUS DETAILING STEP INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Detailing Step Pliers .50 mm Double-sided offset beak permits bayonet bends. Creates right-hand or left-hand step-up or step-down at .50 mm increments.	**204-329**
	Detailing Step Pliers .75 mm Double-sided offset beak permits bayonet bends. Creates right-hand or left-hand step-up or step-down at .75 mm increments.	**204-330**
	Detailing Step Pliers 1 mm Double-sided offset beak permits bayonet bends. Creates right-hand or left-hand step-up or step-down at 1 mm increments.	**204-331**

ENDURA PLUS INSTRUMENT WARRANTY POLICY

Warranty Policy: *Ortho Organizers* warrants *Endura Plus* instruments to be free from material defects and craftsmanship for the life of the product. Cutters, benders, and utility pliers are guaranteed for three (3) years. This covers corrosion, joint failure, and breakage under normal use. Proper cleaning and maintenance is required to maintain the warranty. This warranty may be void if instruments are not properly cared for, including cleaning and lubrication. *Ortho Organizers* reserves the right to decide whether an instrument is to be repaired or replaced. Sharpening cutters and repairing minor tip damage is not covered by warranty as it is considered routine maintenance for normal use.

Cleaning:
Clean and remove any bulk debris immediately after use. Use an enzymatic cleaning solution in an ultrasonic cleaner to clean instruments. Your ultrasonic solution should be changed daily. Hinged instruments should be cleaned and sterilized in the open position. Discoloration and oxidation may occur if instruments are improperly cleaned. To increase the life of your instruments, clean them well. Use detergents and disinfectants suitable for use with medical and/or dental instruments. Follow manufacturers' instructions related to concentration and length of exposure.

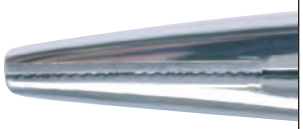
Lubrication:
To increase the life of your instruments, routine lubrication is recommended. Prior to sterilization, lubricate instruments. This should be done at least weekly. Use only lubricants designed for precision hinged instruments. If using a dry heat sterilizer, be sure to use a lubricant that is compatible with the operating temperatures of your dry heat unit.

Sharpening:
Regular sharpening of your cutter will increase its service life, and its ability to cut more effectively. Frequency of sharpening depends on the frequency of use, as well as the types and diameters of wires on which the cutter is being used. Check cutters frequently to assess if sharpening is needed.

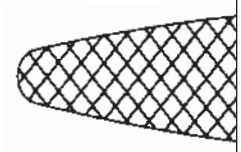
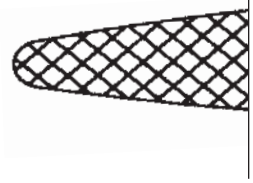
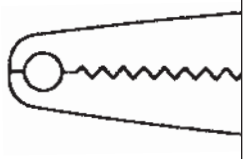
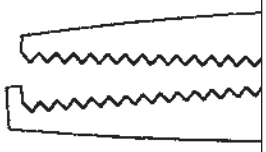
Sterilizing:
Instruments should be in the open position when sterilized. The most efficient method is steam autoclave. Orthodontic instruments are actually designed for use with steam autoclave. Steam autoclaves will not dull cutters. Other types of sterilizing methods include chemical vapor or dry heat. Using cold sterilants is not recommended. If used, they can chemically attack your instruments. All sterilizing units must be clean and operating properly.

Corrosion:
Orthodontic Instruments are very resistant to corrosion. You can prevent corrosion problems by properly following all manufacturers' recommendations. Discoloration may appear that may not be corrosion. Organic materials that remain can give the appearance of corrosion and be mistaken for rust. Never mix a corroded instrument with new instruments as oxidation may be spread to new instruments. It is recommended that a corroded instrument be discarded and replaced.

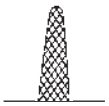
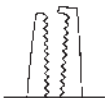
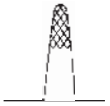
LIGATING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	**Endura Plus Tungsten Carbide Deluxe Mathieu Pliers** Our Tungsten Carbide Deluxe Mathieu Pliers feature a tungsten carbide tip made of a harder, more durable alloy than standard stainless steel so it resists wear while ensuring a firm grip and a longer life. Our special Safe-T-Lock Mathieu Pliers feature locking jaws placed forward of the handle to prevent the lock from pinching the skin or snagging, catching, and tearing gloves, while maintaining ease of use and comfort for doctors.	
	Endura Plus Mathieu Wide Tip — Tungsten Carbide Deluxe Wide tip Mathieu-style needle holder features serrated tips. Positive locking ratchet permits instant opening and closing. Very useful in ligating.	**201-101TC**
	Endura Plus Mathieu Narrow Tip — Tungsten Carbide Deluxe Narrow tip Mathieu-style needle holder has serrated tips. Positive locking ratchet permits instant opening and closing. Very useful in ligating.	**201-121TC**
	Endura Plus Mathieu Wide Tip — Tungsten Carbide Deluxe (Smaller 5" Size) Wide tip Mathieu-style needle holder features serrated tips. Positive locking ratchet permits instant opening and closing. Very useful in ligating.	**201-124**
	Endura Plus Mathieu Wide Tip with Safe-T-Lock — Tungsten Carbide Deluxe Wide tip Mathieu-style needle holder features serrated tips. Positive locking ratchet permits instant opening and closing. The Safe-T-Lock closure prevents gloves from interfering with closing mathieus. Very useful in ligating.	**201-125**
	Endura Plus Mathieu Narrow Tip with Safe-T-Lock — Tungsten Carbide Deluxe Has a Safe-T-Lock. Narrow tip Mathieu-style needle holder has serrated tips. Positive locking ratchet permits instant opening and closing. The Safe-T-Lock closure prevents gloves from interfering with closing mathieus. Very useful in ligating.	**201-126**

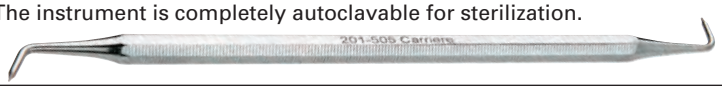
LIGATING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Endura Plus Mathieu Pliers • Precision tips • Non-slip grip • Operator friendly • Smooth glide spring for consistent opening and closing	
	**Endura Plus Mathieu Wide Tip** Wide tip Mathieu-style needle holder features serrated tips. Positive locking ratchet permits instant opening and closing. Very useful in ligating.	**201-101**
	**Endura Plus Mathieu Narrow Tip** Narrow tip Mathieu-style needle holder has serrated tips. Positive locking ratchet permits instant opening and closing. Very useful in ligating.	**201-121**
	**Endura Plus Mathieu Hole Tip** Hole tip Mathieu-style needle holder features a groove at the tips for non-slip placement of elastic ligatures and other intraoral elastics.	**201-110**
	Endura Plus Mathieu Half-Fine Tip This fine tip Mathieu Pliers is excellent for placing elastic ligatures. Precision serrations offer a non-slip grip. 5½" long.	**201-123**
	**Endura Plus Mathieu Hook Tip** This hook tip Mathieu Pliers style needle holder has a notched tip for ease and assurance in placing elastics. Non-slip grip.	**201-118**

LIGATING INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Mosquito Forceps Developed for ease and assurance in placing of elastic ligatures. Precision tips and locking handles provide a positive, non-slip grip.  Narrow Tip **200-128**  Hook Tip with Tempered Notch **200-108**  ½ Fine Tip **200-129**	
	Ligature Hemostat (Curved Tips) Doctors will appreciate this great option for ligature placement which aids in reaching the posterior teeth and helps compensate for awkward angles and hard-to-reach places. The Ligature Hemostat (Curved Tip) has a Mosquito handle with a secure locking mechanism and the precision tips are serrated for a non-slip grip.	**200-128C**
	E-Z Ligature Placer This metal-tipped tool makes application of elastic ligatures fast and easy. Place closed pliers' tip into ligature, pull ligature from cane, stick or ring, then squeeze pliers to stretch elastic open and apply ligature.	**200-125**
	Twirl-On Ligature Placer (Double-Ended) Made for the quick and easy ligation of elastic modules to bracket tie wings. A simple twist places the caned ligatures in position. The handle is approximately 3⁄16" making it lighter and easier to manipulate. (Use only with cut caned ligature ties.)	**200-127**
	Elastic Separating Pliers Angulated beaks for accessibility, ease, and accuracy. Grooved beaks assure positive hold for positioning elastics.	**200-407**
	Deluxe Elastic Separating Pliers Notched tips secure elastic and are angled for easy placement and easy release. A unique spring creates gentle force reducing fatigue. Rounded handles enhance comfort. 	**200-407D**

DOUBLE-ENDED INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Carriere Wire Director and Opener The instrument assists in the opening and closing of the locking mechanism (cap) on the *Carriere* Self-Ligating Bracket while facilitating the seating of archwires into the bracket. Made from surgical grade stainless steel. The dual purpose design ensures ease of use while saving time by minimizing the change and number of instruments needed to install the appliance system. The instrument is completely autoclavable for sterilization. 	**201-505**
	Elastic Remover Double-ended explorer designed for ease of ligature elastic removal. Special tempered tips. 	**200-109**
	Ligature Director (Double-Sided) Design features ligature “tie-spin” tip on one end, and ligature tucking on the other. All stainless steel construction. 	**200-201**
	Double-Ended Cement Spatula Full stainless steel material. One end is a cement mixing spatula, the other is designed for placing cement in preformed bands. 	**200-204**
	Schure Band Seater This design features a finely serrated band pusher on one end, and an all purpose scaler on the opposite end. 	**200-208**

DOUBLE-ENDED INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.

OrthoLite™ Instruments

These high-quality stainless steel instruments are available in both ¼" and ⅜" diameter handle size. Although the ⅜" diameter size is larger, it is lighter than the traditional ¼" diameter handle. The handles provide comfort, control, and tactile sensitivity, which makes them feel like an extension of your hand. This relaxed grip reduces the likelihood that your hand will cramp and lowers the risk of carpal tunnel syndrome. The *OrthoLite* Instrument's working tips are precision manufactured to make the doctor's job faster and easier. These instruments are completely autoclavable.

Band Pusher Scaler

201-500 • ¼" Handle

201-500W • ⅜" Handle

Double-Ended Ligature Director

201-501 • ¼" Handle

201-501W • ⅜" Handle

Ligature Director Scaler

201-502 • ¼" Handle

201-502W • ⅜" Handle

Ligature Remover Director

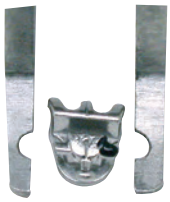
201-503 • ¼" Handle

201-503W • ⅜" Handle

MISCELLANEOUS INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Extra-Heavy Wire Cutter Heavy duty wire cutter and an excellent lab tool for cutting heavy retainer wires. Cannot be heat sterilized. Maximum cutting capacity: archwires and retainer wires up to .060" (1.5 mm).	200-412
	Nitanium Expander Adjusting Pliers Specifically designed for making precision adjustments to the *Nitanium Palatal Expander*[2] Appliance and *Nitanium Molar Rotator* Appliance. The grooved beaks assure a strong, non-slip hold during adjustment.	200-450
Posterior Direct Bond Bracket Holder Designed for direct bonding of posterior teeth. Small head for excellent field of vision. Serrated tips for a positive grip. 		200-311
Distal Bender A necessity for every doctor. This tool has a long handle with an angled tube on one end. The angled tube is used to bend the archwire distal to the buccal tube to create an easy cinchback bend in an area which is usually very hard-to-reach. Made of strong stainless steel. The instrument is completely autoclavable. 		200-130
Shorty Twist Holder Precision-made holder. Simple insertion and locking of shorty ligature twists and shorty Koby twists. Makes tying ligatures fast and easy. 		200-428
Polar Bear Ice Instrument Thermally activated archwires can be chilled easily, quickly, and intraorally for easy placement of specific and difficult bends. The Polar Bear Instrument can be heat or cold sterilized. 		200-330

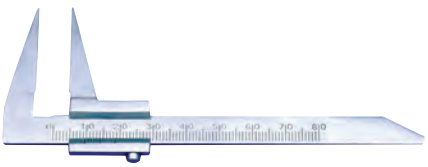
MISCELLANEOUS INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
Bracket Placer/Slot Aligner	Design features a bracket holder on one end and a slot aligner on the other. The slot aligner end fits into the bracket slot for accurate placement.	200-322
	**Delta Force Bracket Placing Tweezer/Slot Aligner** Designed to fit the unique shape of all *Delta Force* Brackets. A notch on each side of the tip captures the angles on the bracket body just under the occlusal tie wings. This holds the bracket securely, without shifting, or risk of popping out. Tweezer tips rest just above the base flange, providing a firm surface to push against while seating the bracket. This reverse action tweezer also has a narrowed tip that can be placed in the archwire slot for aligning and adjusting.	200-322DF
Direct Bond Bracket Holder	Unique reverse action tweezers with finely serrated beaks for a nonslip grip. Easy release of both metal and plastic direct bond brackets (fits narrow to wide twin).	200-309
Deluxe Bracket Holder	Stainless steel holder is designed for accurate placement of anterior and posterior direct bond brackets and buccal tubes. Excellent field of vision. Unique reverse action tweezers with finely serrated beaks for a nonslip grip.	200-319
Buccal Tube Bonder	A bracket-placing tweezer that is specifically customized for use on buccal tubes. The tips have the contour of our Easy Access Tweezer, giving it the size and angulation that facilitates access to the buccal region. Can also be used as a reverse action tweezer. It holds the buccal tube firmly when the tweezer is relaxed, and releases the buccal tube when pressure is applied.	200-324

MISCELLANEOUS INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
Tweezers/Slot Aligner	The advantage these tweezers offer is the slot aligner (the slot aligner can be put in the bracket slot to align the bracket accurately). The tips of the tweezers are serrated for a firm grip of the bracket. Slot Aligner	**200-314 • 5¼"** **200-315 • 6¼"**
Easy Access Tweezers	Finely pointed tips grip a buccal tube within the slot giving a firmer, more accurate placement. Tip contour allows maximum visibility.	**200-323**
Bracket Placing Tweezers	Slim, precision-curved tips allow for an excellent field of vision while maintaining a firm grip to assure accurate bracket placement.	**200-321**
Swivel Head Bracket Height Gauge	A sturdy stainless steel instrument with positions for four bracket height dimensions; 3.5, 4.0, 4.5 and 5.0 mm from the occlusal surface. Can be adjusted to facilitate easy use on anterior, cuspid, and bicuspid brackets as both ends have a hinge that allows the instrument to be angled to 45°. For use on .018" and .022" brackets.	**200-223**
Bracketizer™ Instrument	An innovative, multi-functional tool designed for bracket placement and removal of excess adhesive. The bracket positioner features millimeter marks on the blades to facilitate bracket height, reducing bracket repositioning, and saving chair time. The adhesive remover aids in accurate bracket coordination. The *Bracketizer* Instrument is small enough to fit between the tie wings for bracket alignment, making it the perfect instrument for small-sized brackets, such as our popular *Mini-Twin* Brackets.	**200-329**

MISCELLANEOUS INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
Bracket Height Gauge	Similar to the Boone Gauge but in a straight, double-ended design. Accurately measures height of bracket on tooth from the incisal edge. Gauge has 3.5 mm, 4.0 mm, 4.5 mm and 5.0 mm marks.	
	Metal, .018" Slot Size Metal, .022" Slot Size Plastic, .018" Slot Size Plastic, .022" Slot Size	**200-218** **200-222** **200-218P** **200-222P**
	Boone Bracket Position Gauge This unique gauge is placed on the incisal/occlusal surface of the tooth to simplify bracket positioning. Measures 3.5 mm, 4.0 mm, 4.5 mm and 5.0 mm.	**200-427**
	Gram Gauge (25-250 grams) Precision-made instrument allowing accurate readings of rubber bands and coil springs.	**200-202**
Dontrix Gauge Precision instrument designed to accurately measure orthodontic forces. Measures one ounce increments up to 16 ounces.		**200-424**
Boley Gauge Designed for accessibility and ease. Measures in millimeters. Curved and pointed beaks facilitate accurate measurements.		**200-408**
Deluxe Boley Gauge Easy to use, sturdy, and dependable. The slide moves smoothly and easily, yet holds its position when released to maintain accurate measurements. The tips are curved and precision shaped to confidently locate and hold points for measurement — intraorally, or on a study model. The front and back are marked with scales; both marked in millimeters up to 80 mm, with large marks and numbers to denote every 10 mm.		**200-408D**

MISCELLANEOUS INSTRUMENTS

ITEM	DESCRIPTION	CATALOG NO.
	Vinyl Grips for Pliers Add cushioning to pliers' handles in minutes. Once placed in boiling water, grips expand by 30% to facilitate insertion, then contract after cooling for a tight fit. Green color. (10 per pack) Cold sterilize only!	200-115
Band Biter Multi-purpose seater with hardened stainless steel tip. Molded handle also serves as bite stick. The instrument is completely autoclavable. 		200-308
Heavy-Duty Band Pusher Stainless steel with finely-serrated point. Used for effective control while pushing, burnishing or seating bands. Specially treated serrations provide a firm grip during use. 		200-420
Molar Cap Remover Removes convertible caps from first molar buccal tubes. Insert tip into mesial opening of tube and use lever action to peel off cap. Includes three replacement tips. 		200-439
Replacement Tips (6 per pack)		200-440

LUBRICANT/WARRANTY

ITEM	DESCRIPTION	CATALOG NO.
	Silicone Instrument Lubricant Specially formulated lubricant and rust inhibitor for the care of surgical instruments. One drop after each sterilization cycle is all that is needed to help extend instrument life, and to maintain smooth and proper operation.	**600-123 (½ oz)** **600-124 (4 oz)**

INSTRUMENT WARRANTY POLICY

Warranty Policy: *Ortho Organizers* warrants instruments to be free from any defect in material or workmanship, corrosion, or separation or fracture of inserts for a period of one (1) year from the date of purchase.

Ortho Organizers warrants Mathieu instruments to be free from any defect in material or workmanship, corrosion, or separation or fracture of inserts for a period of ninety (90) days from the date of purchase,

Failure to follow all recommended use, maintenance, care and cleaning procedures will void warranty claims. Proof of recommended maintenance may be required where applicable.

1. Care and Cleaning: All recommended care, cleaning and sterilization procedures, as described in these Instructions for Use, must be fully adhered to. Failure to follow the recommended procedures will void the warranty. The use of rust inhibitor and silicone lube in the instruments' joints is required after each cleaning and sterilization.
2. Recommended Maintenance: Warranty does not include normal routine maintenance. All instruments should be reconditioned and re-sharpened every six (6) months. *Ortho Organizers* will resharpen or replace at no cost any cutting instruments which fail to properly cut their intended wire sizes within the first six (6) months of purchase.

   Except as expressly provided above, there are no other warranties on *Ortho Organizers* instruments, expressed or implied, with regards to description, quality, merchantability, or fitness for a particular purpose. The liability for any warranty claim shall not exceed the purchase price of the instrument that is the basis of such claim.
3. Warranty Returns: Instruments which are defective under the terms of the warranty policy, and have not been misused or tampered with, may be returned to *Ortho Organizers* for repair or replacement at *Ortho Organizers'* option. Contact *Ortho Organizers* and obtain a Return Material Authorization (RMA) number prior to returning the pliers by calling Customer Service at 1-800-547-2000. Once an RMA number is assigned, ship the product with this RMA number visible on the outer shipping package, along with the original invoice or packing slip, to *Ortho Organizers* Inc., 1822 Aston Avenue, Carlsbad, CA 92008-7306. Please note that an RMA number is mandatory, and any product received by *Ortho Organizers* without an RMA number visible on the packaging will not be accepted.
4. Routine Maintenance and Non-Warranty Repairs: Do not send instruments directly to us for routine maintenance, sharpening, or reconditioning six (6) months after purchase or later. Normal maintenance, including re-sharpening and reconditioning, may be obtained at:

Henry Schein® Pro Repair • (800) 367-3674 1666 East Touhy Avenue • Des Plaines, IL 60018 • www.prorepair.com • prorepair@henryschein.com

Alternative maintenance providers may also be used. ***Ortho Organizers*** does not warrant actions by any maintenance service providers, and assumes no responsibility for the results of any maintenance services performed.any maintenance services performed.

PLIERS RACKS/STANDS

ITEM	DESCRIPTION	CATALOG NO.
	Specifically designed to hold pliers, most of these racks also feature storage space for auxiliary wires, scalers, and miscellaneous supplies. Extra-durable and washable. **Small Pliers Rack** Small Pliers Rack #8 Holds 8 Pliers. White, pebble grained plastic. 7½" L x 8¼" W x 2½" H	**200-213**
	Large Pliers Rack Large Pliers Rack #15 Holds 15 Pliers. White, pebble grained plastic. 12" L x 8¼" W x 2½"	**200-203**
	Upright Pliers Rack Upright Pliers Rack with Cover Holds 15 Pliers. White, horizontal tray at front. 7½" L x 6" W x 6¾" H	**200-243**
	Trim-Line Upright Pliers Rack with Cover Holds 12 Pliers. The Trim-Line Upright Pliers Rack is a more compact version of our popular Upright Pliers Rack. The Trim-Line Rack is 20% smaller in width and over 25% smaller in depth than the regular Upright Pliers Rack, yet will easily hold 12 pliers. The hinged clear acrylic cover protects the instruments while allowing easy access. 6" L x 4" W x 7" H	**200-243TL**
	Upright Pliers Stand Hold up to 10 pliers in a minimum amount of space. Easy cleaning promotes a sterile environment. 9" L x 6¼" W x 5" H	**200-241**
	Clear Acrylic Pliers Stand Made of clear acrylic. This smaller sized stand will hold up to 12 pliers. Perfect for chairside use. 6" L x 4" W x 6" H	**201-242**

All racks are sold empty.

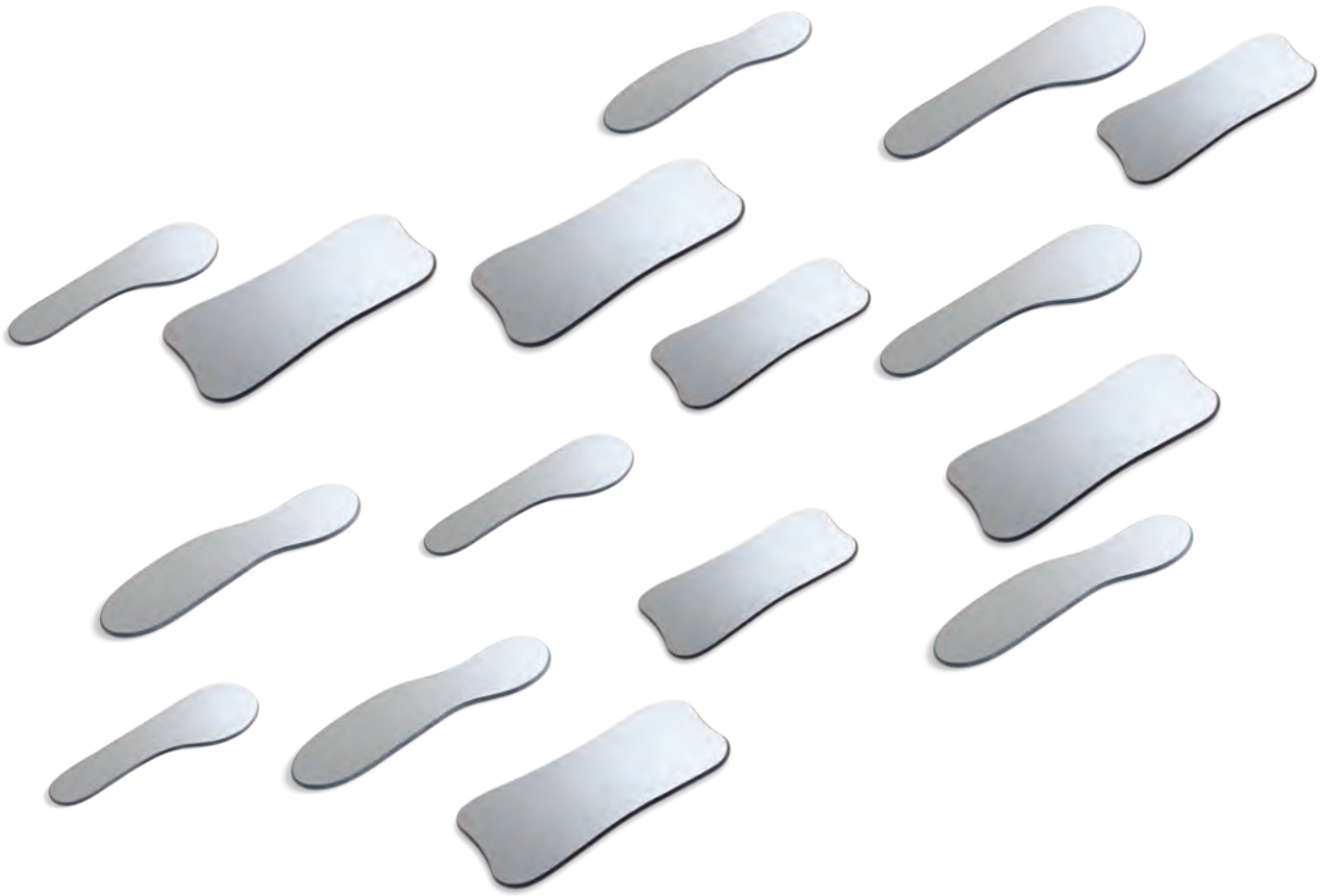
PLIERS RACKS

ITEM	DESCRIPTION	CATALOG NO.
	Covered Pliers Rack Portable compact size has space for 12 pliers and a front well for assorted double-ended instruments. Clear hinged lid keeps pliers sanitary and dust free. 12" L x 8¼" W x 2½" H	**200-242**
	Pliers Carousel Designed for easy reach and visibility. The inner clear tube holds additional straight instruments. Clear plastic. 5" Diameter Footing, 1½" Inner Ring 4" Diameter Outer Ring, 5½" High	**200-240**

All racks are sold empty.

NOTES

GENERAL SUPPLIES | M



Riofoto Mirrors. M-2
Mirrors M-4
Auxiliaries. M-4
Educational. M-7
Cephalometric M-7
Orthopedic Products M-8

RIOFOTO
Rhodium Coated Intraoral Photography Mirrors

Improve Your Image

All photographic mirrors are not the same. Mirrors coated with Rhodium, a silvery white precious metal, provide clearer, brighter images that will produce higher quality dental pictures. Superior quality pictures are an excellent tool to help improve clinical effectiveness as they may be used to promote patient education and help explain why major restorative treatment is necessary. They also provide documentation for patient records, insurance claims and case presentations to colleagues. A quality picture really is worth a thousand words!

Quality Features Include:

Highest Reflectivity
Clear, sharper images with Rhodium coated mirrors

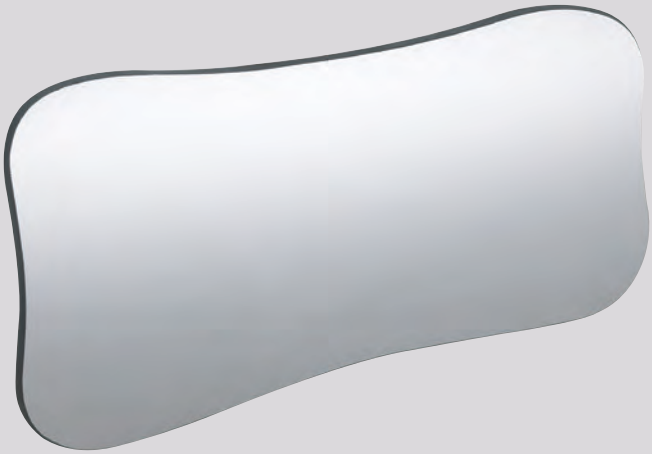
Up to 10% more reflectivity than chrome mirrors

Up to 20% more reflectivity than metal mirrors

Highest Quality
Dual-sided mirror meaning twice the life of one sided mirrors

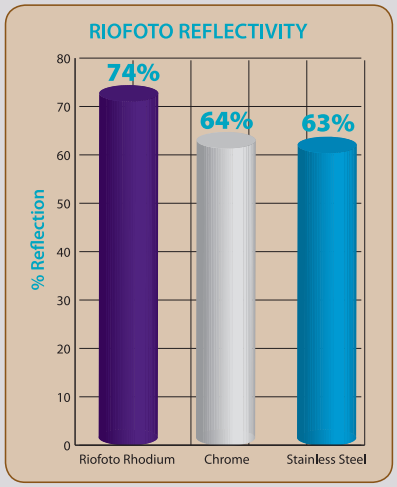
More durability from flatter, higher quality substrate, which allows better adhesion of Rhodium coating to provide outstanding wear resistance

Able to withstand repeated autoclave cycles up to 350°(F)/180°(C)

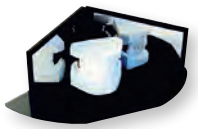


Patient Comfort
Thicker mirrors with rounded corners make these more comfortable in the patient's mouth

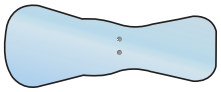
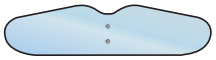
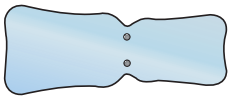
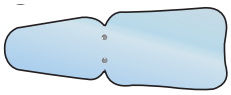
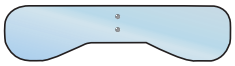
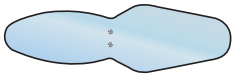
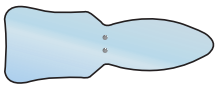
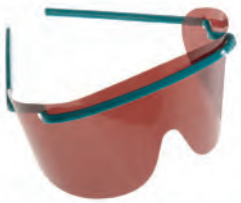
Both adult and pediatric sizes - makes it easy to pick the right shape for your patient



PHOTOGRAPHY MIRRORS

ITEM	DESCRIPTION	CATALOG NO.
	Riofoto Rhodium Coated Intraoral Photography Mirrors **Riofoto Mirror X-Long Kit of 3** (1 each of 631-101, 631-102 & 631-107) **Riofoto Mirror Standard Kit of 6** (1 each of 631-103, 631-104, 631-105, 631-106, 631-107 & 631-108)	 **631- 109** **631-110**
	Riofoto Rhodium Mirror X-Long (Adult)	**631-101**
	Riofoto Rhodium Mirror X-Long (Child)	**631-102**
	Riofoto Rhodium Mirror Palatal (Adult)	**631-103**
	Riofoto Rhodium Mirror Palatal (Child)	**631-104**
	Riofoto Rhodium Mirror Lingual (Narrow Inside)	**631-105**
	Riofoto Rhodium Mirror Lingual (Wide Inside)	**631-106**
	Riofoto Rhodium Mirror Buccal (Narrow Outside)	**631-107**
	Riofoto Rhodium Mirror Buccal (Wide Outside)	**631-108**
	Riofoto Rhodium Mirror Berger Max	**631-112**
	Riofoto Rhodium Mirror Berger Buccal	**631-113**
	**Tri-View Photography Stand** • Allows clear and accurate photos showing 3 critical angles of a plaster cast mold • This unique stand makes storage and record keeping quick and easy	**631-111**

PHOTOGRAPHY MIRRORS/AUXILIARIES

ITEM	DESCRIPTION	CATALOG NO.
	Photographic Stainless Steel Mirrors The surface is coated with shiny stainless steel material to provide clear reflected images with natural color. The alloy hardened base will not shatter, chip, or break if dropped. Smooth radiused surfaces. (1 each)	
	**Adult Occlusal/Child Occlusal**	**631-090A**
	**Buccal Lateral**	**631-090B**
	**Adult Occlusal/Child Occlusal**	**631-090C**
	**Adult Buccal/Adult Occlusal**	**631-090D**
	**Lingual Upper/Lingual Lower**	**631-090E**
	**Child Buccal/Adult Buccal**	**631-090F**
	**Child Occlusal/Child Buccal**	**631-090G**
	Disposable Eye Shields Made of distortion-free, optical grade plastic, these clear and tinted eye shields provide maximum front and side protection. Lightweight frame and lens can be worn with face masks. Simply replace disposable lens when necessary.	
	**Clear Lens** Starter Kit Includes: • 10 Assorted Colored Frames • 50 Disposable Clear Lenses	**600-250**
	Tinted Lens Starter Kit Includes: • 10 Assorted Colored Frames • 50 Disposable Clear Lenses	**600-251**
	Individual Components (50 per pack) • Clear Lenses • Tinted Lenses	 **600-260** **600-261**
	Colored Frames (10 per pack) • Neon Green • Neon Blue • Neon Pink • Teal	 **600-272** **600-273** **600-274** **600-275**

AUXILIARIES

ITEM	DESCRIPTION	CATALOG NO.

Impression Trays
Feature deep vertical walls for accurate definition of occlusion and soft tissue. Six sizes of uppers and lowers provide a better fit for both pedo and adult. Each size is color-coded and numbered for easy identification. Perforated trays provide mechanical lock of impression material. Disposable or reusable. Cold sterilization is recommended.

Impression Tray Assortment:
48 trays, 4 of each size (size 1 through 6), upper and lower

640-040

IMPRESSION TRAYS – 10/PK				
SIZE #		COLOR	UPPER	LOWER
1	Pedo	Red	640-041	640-051
2	Extra Small	Orange	640-042	640-052
3	Small	Blue	640-043	640-053
4	Medium	Green	640-044	640-054
5	Large	Yellow	640-045	640-055
6	Extra Large	Purple	640-046	640-056

Flexi Napkin Clips
Designed to prevent catching of patient's hair. Flexible plastic cord is comfortable for your patient. Bright colored vinyl with stainless steel clips. (3 per pack)

COLOR	CATALOG NO.	COLOR	CATALOGO NO.
White	650-010	Yellow	650-014
Red	650-011	Blue	650-015
Orange	650-012	Neon Pink	650-017
Green	650-013	Neon Green	650-018

Tru-Flavor™
For use with any alginate. Patients love the pleasant taste and aroma. Does not change mixing or setup of alginate. Simply add a few drops to alginate when mixing. (Kit includes 6, 2 oz bottles of assorted flavors)

FLAVOR	CATALOG NO.	FLAVOR	CATALOG NO.
Kit (6 flavors)	600-000	Mint	600-004
Bubble Gum	600-001	Strawberry	600-005
Cherry	600-002	Piña Colada	600-006

AUXILIARIES

ITEM	DESCRIPTION	CATALOG NO.
	Contouring Kit Removes interproximal tooth mass to produce additional intra-arch space. May also be used for opening contact points, recontouring, or removing overhanging fillings. **Contouring Kit Includes:** • 1 Handle • 10 Medium, Single-Sided Blades **Refill Blades (10/pk)** • Contouring Handle • Fine, Single-Sided Blades • Medium, Single-Sided Blades • Coarse, Single-Sided Blades • Medium, Double-Sided Blades	 **106-201** **106-202** **106-203** **106-204** **106-205** **106-207**
	Disposable Mouth Mirror Reduce the risk of cross contamination. Use once and then throw away. High quality mirror features peel-off safety cover. (48 per pack)	**600-200**
	Separating Abrasive Strips Separating Abrasives Strips are used to reduce and/or shape the interproximal area. Each strip is made of durable diamond abrasive which has been electronically bonded to surgical grade steel base so strips resist stretching, breaking, and corrosion. Strips are .003" thick and come in fine, medium, coarse, or double-sided medium in 4 mm, 6 mm and 8 mm. (10 per pack)	
	Abrasive Strip Holder Holds strips firmly so better control is maintained during teeth shaping. (1 holder)	**106-215**
	Accumark™ Disposable Markers and Dispenser Time-saving disposable markers are sturdy wooden dowels with coated red wax tips. Colored tip allows clinician to accurately mark dry metal surfaces for superior visibility. Markers and chairside dispenser are sold separately. 100 Markers Dispenser	 **610-080** **610-082**

SIZE	FINE	MEDIUM	COARSE	DOUBLE-SIDED MEDIUM
4 mm	106-220	106-221	106-222	106-221D
6 mm	106-223	106-224	106-225	106-224D
8 mm	N/A	106-227	106-228	106-227D

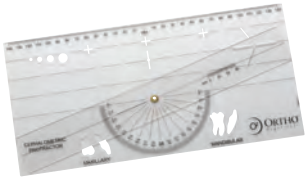
GENERAL SUPPLIES

AUXILIARIES

ITEM	DESCRIPTION	CATALOG NO.
	Model Storage Boxes Made from strong corrugated white cardboard. Choose from two different shapes – both are shipped flat and require assembly. 50 Per Pack (approx. 25 lbs) Designed to hold 4 sets of models 10" L x 6" W x 2" H 25 Per Pack (approx. 9 lbs) Designed to hold either 2 or 3 sets of models (you choose which insert divider you prefer). 11" L x 3½" W x 3" H	 **610-070** **610-071**
	Arch Measurement Guide Designed for accurate arch length measurement.	**633-015**

GENERAL SUPPLIES

EDUCATIONAL/CEPHALOMETRIC

ITEM	DESCRIPTION	CATALOG NO.
	Tracing Kit This kit includes materials needed to accurately diagnose and analyze cephalometric X-rays. Kit contains: ceph protractor, ceph triangle, tracing pencil, pencil sharpener; red, green, blue, and white pencils; eraser, clear removable tape, and 100 sheets of tracing paper.	**633-012**
	**Protractor and Template** Unique combination of protractor and tooth template for accurate cephalometric analysis.	**633-013**
	Flexible White Rulers Convenient measuring guide for models to help determine the size/type of archwires or appliances that are needed. Features 0 to 150 mm in 1 mm increments, and flexibility allows you to arch the ruler as needed on model. (10 per pack) 	**120-022**

EDUCATIONAL/CEPHALOMETRIC/ORTHOPEDIC PRODUCTS

ITEM	DESCRIPTION	CATALOG NO.
	Tracing Light Box Portable viewer can be used on table, desk, or hangs on wall. Metal clips keep film and tracing paper firmly in place. Stays cool during use. Excellent for X-ray viewing and tracing. Silver trimmed steel edge with all metal construction and heavy duty switch. (View area: 11" x 10½" Overall size: 12" x 11½") • USA 110v AC • International 220v AC	**300-013** **300-013I**
	Tracing Paper Smooth matte surface and near transparency gives extra sharp lines when tracing radio-graphs. Uniformly cut in 8" x 10" sheets. (Padded 100 sheets/pad)	**630-020**
	Cushioned Lip Bumpers Formed .045" spring tempered stainless steel wire features contoured anterior pad with smooth radii. Positive contact with soft tissue provides greater efficiency in distalization and arch development. Pad is slightly flexible for minor anterior wire adjustments. Posterior of wire features adjustable molar loop stops and ligation hooks for tying to molar tubes. Lip bumper sizing is from distal of the omega loop around the contour of the arch to distal of the opposite omega loop.	
	Coated Lip Bumpers Formed .045" spring tempered stainless steel wire features nylon coated anterior with smooth radii for increased patient comfort. Ligation hooks are mesial to the adjustable cuspid loops and can be used to tie-in buccal tubes. Cuspid loops provide larger lip contact area for increased distal force. Useful in arch expansion, distalizing, and uprighting molars.	
	Orthopedic Wax Bites Specially designed to achieve appropriate teeth location for construction of orthopedic appliances. (27 per box)	**301-021**

LIP BUMPER SIZING CHART, 2/PK		
Cushioned Lip Bumper Kit. Includes one each of all seven sizes.		424-029
Size 1	80 mm	424-021
Size 2	86 mm	424-022
Size 3	92 mm	424-023
Size 4	98 mm	424-024
Size 5	104 mm	424-025
Size 6	110 mm	424-026
Size 7	116 mm	424-027

COATED LIP BUMPER SIZING CHART 2/PK	
Size 1	424-011
Size 2	424-012
Size 3	424-013
Size 4	424-014
Size 7	424-017

PATIENT SUPPLIES | N

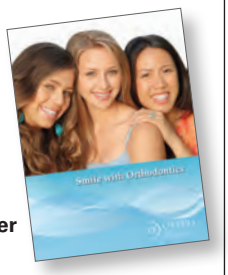
Patient Education Materials N-2

Oral Hygiene N-6

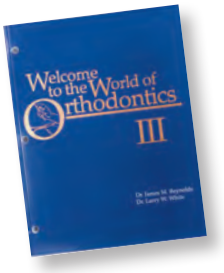
Miscellaneous N-6

Typodonts N-9

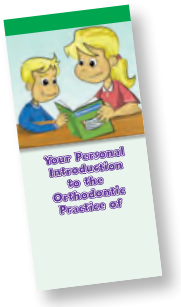
PATIENT EDUCATION MATERIALS

ITEM	DESCRIPTION	CATALOG NO.
	Patient Education Materials Educating your patients is vital to maximizing your revenue. Choose from one of the following marketing tools to help teach your patients.	
	Carriere Motion Appliance Patient Education Brochure, Pack of 15's Educate your patients on the benefits of wearing the *Carriere Motion* Appliance at the beginning of treatment time, and how it can shorten treatment time.	**999-257**
	Carriere SLX Self-Ligating Bracket Patient Education Brochure, Pack of 15's Easily educate your patients about the advantages of wearing *Carriere SLX* Self-Ligating Brackets with this brochure, which also features photos of before and after treatment.	**999-256**
	Carriere Display, Brochure Holder	**999-258**
	Twin Force Bite Corrector Device Patient Education Brochure, Pack of 15's Need to move your patients from Class II or Class III into Class I using the *Twin Force* Device? Use this informational brochure, which includes patient images, as a tool to help easily educate your patient on the benefits of wearing this device for better overall treatment results.	**999-265**
	NeoCrystal Sapphire Ceramic Braces Patient Education Brochure, Pack of 15's This useful brochure will help you easily educate your patients on the benefits of wearing *NeoCrystal* Ceramic Brackets as an aesthetic option.	**999-274**
 Poster	**A Healthy Smile with Orthodontics Patient Education Brochure, Pack of 15's** This brochure provides general information about the different types of brackets a patient can choose from, aesthetic, traditional metal, and self-ligating, and what are the benefits to each.	**999-179**
	A Healthy Smile with Orthodontics Display, Brochure Holder	**999-183**
	A Healthy Smile with Orthodontics Poster, 18" x 24"	**999-232**
 **Poster**	**3 Girls Orthodontic Poster, 18" x 24"**	**999-223**
	Carriere System Educational DVD This DVD provides you with the right tools to educate your patients on the benefits of wearing the *Carriere Motion* Appliance, as well as *Carriere SLX* Self-Ligating brackets, if they are your method of choice for finishing treatment. You'll find easily accessible images, videos, animations, and brochures, allowing you to fully demonstrate the complete *Carriere* System.	**999-208**

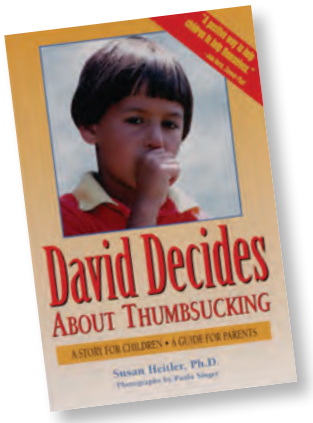
PATIENT EDUCATION MATERIALS

ITEM	DESCRIPTION	CATALOG NO.
	**Welcome to the World of Orthodontics III** A comprehensive guide for the orthodontist and staff regarding the practical day-to-day issues involved in office management. It is an excellent tool for training orthodontic assistants. The original version, written in the 1970's by Dr. James M. Reynolds, was often requested and frequently recommended by professional associations, even when it was out of print. This updated version retains the practical tips from the original, but now includes modern techniques and technology of the 21st century. A must for any office library, this version is co-authored by Dr. Reynolds and Dr. Larry White. 352 pages.	**Z-200-01**
	It's Up To You® **Child – It's Up To You** **Child – It's Up To You – Personalized** The "It's Up to You" booklet for younger patients continues to be the most popular instructional booklet sold by us. These booklets can be personalized on the cover with pertinent office information and logos. The children's booklet is 8.5" x 11" and entertains while it educates. **Adult – It's Up To You** **Adult – It's Up To You – Personalized** Our adult booklet is a more convenient pamphlet size 4" x 8.5" but offers the same answers needed for successful, compliant treatment of the mature patient. It may also be personalized when purchased in minimum quantities of 100. **Spanish – It's Up To You** **Spanish – It's Up To You – Personalized** The Spanish language version of the *"It's Up To You"* informational guide. This booklet is available in black and white only and may be personalized.	**Z-100-09** **Z-100-09-P** **Z-100-08** **Z-100-08-P** **Z-100-05** **Z-100-05-P**
	Facts Our revised editions of "Facts About . . . Orthodontics" are filled with colorful photographs. Both versions contain before and after photographs that dramatically illustrate the effects and benefits of orthodontic treatment. Presented in a question and answer format, the most frequently asked questions are addressed. The children's version answers many of the questions a parent might have before taking a child to the orthodontist. May be personalized. **Adult's Facts** **Adult's Facts – Personalized** **Children's Facts** **Children's Facts – Personalized**	 **Z-110-10** **Z-110-10-P** **Z-110-11** **Z-110-11-P**

PATIENT EDUCATION MATERIALS

ITEM	DESCRIPTION	CATALOG NO.
	**Personal Intro** **Personal Intro – Personalized** Use these pamphlets to make a great first impression on new patients. This small pamphlet is ideal to send to patients before their first appointment. It introduces them to the procedures and schedules of your office and gives them an idea of what to expect when they begin treatment. Some of the issues addressed include: the importance of choosing the right orthodontist (YOU!), what to expect on the initial visit and conference appointment, appointment scheduling, and the importance of keeping those appointments. May be personalized.	**Z-110-01** **Z-110-01-P**
	Memory Boosters™ These pamphlets are brief and easy to read. Each contains illustrations appropriate for each treatment stage. Given to the patient at the beginning of each phase, *Memory Boosters* booklets help remind patients of their responsibilities and positively reinforces good habits which will facilitate treatment. 6" x 3". May be personalized.	
	Now About Your Separators **Now About Your Separators – Personalized**	**Z-120-00** **Z-120-00-P**
	Now About Your Emergencies **Now About Your Emergencies – Personalized**	**Z-120-000** **Z-120-000-P**
	Now About Your Appliances **Now About Your Appliances – Personalized**	**Z-120-01** **Z-120-01-P**
	Now About Your Elastics **Now About Your Elastics – Personalized**	**Z-120-02** **Z-120-02-P**
	Now About Your Removable Appliances **Now About Your Removable Appliances – Personalized**	**Z-120-03** **Z-120-03-P**
	Now About Your Headgear **Now About Your Headgear – Personalized**	**Z-120-04** **Z-120-04-P**
	Now About Your Toothbrushing **Now About Your Toothbrushing – Personalized**	**Z-120-05** **Z-120-05-P**
	Personalization Example Personalizing patient education materials offers you the option of including pertinent office information and logos on take-home booklets and pamphlets. Taking advantage of these customization options ensures that your office is at the patient's top of mind when choosing the right orthodontist!	

PATIENT EDUCATION MATERIALS

ITEM	DESCRIPTION	CATALOG NO.
Colorful Gold Seal	**Happy Faces** Send your patients away smiling at the end of treatment. Our Happy Faces certificates are a fun, economical way to say "good luck" and "thank you" to your patients. 100/pk	**Z-200-01**
	Colorful	**Z-120-06**
	Gold Seal	**Z-120-060**
	Oral Hygiene with Braces Our Photo Oral Hygiene Cards are a visual way to show your patients how to brush, floss, and use a proxy brush during orthodontic treatment. Also shown on the card is an example of poor oral hygiene resulting in decalcification and inflamed tissue. 5" x 7" Photo quality and sold in packs of 50. Add your practice info or logo for a professional look. (4 pack minimum order)	**MTROH**
	**David Decides** *"David Decides"* by Susan Heitler, Ph.D., is excellent reading for your patients with a thumbsucking habit. The story is told from a child's perspective and details his efforts to discontinue the habit. In addition, there is a reference section to help parents guide their children through this important transition.	**Z-200-05**

ORAL HYGIENE/MISCELLANEOUS

ITEM	DESCRIPTION	CATALOG NO.
	Patient Care Kits Provide your patients with all the necessary tools to stay diligent during treatment with their oral hygiene. This convenient, easy to carry storage case can go anywhere. Available in an assortment of bright colors*: orange, pink, green, and blue.	**660-101**
	Personalize your kits! You may also choose to order your practice name and contact information imprinted on the top of the case. (Additional charges apply.) Kit Includes: • Orthodontic Toothbrush • Travel Toothbrush • Interproximal Brush • Mint Wax • Floss Threaders • Mint Floss (15-yard spool) • Dental Mirror • Angulated Toothbrush	**660-102 • Personalize**
 Adult Child	**Cross Action Adult and Classic Youth Toothbrushes** Promote good oral hygiene to your patients with these quality toothbrushes. Both the adult and child toothbrushes are individually wrapped, and offered in an array of colors. Adult toothbrushes are available in the following colors*: blue, green, orange, and red. (72 per pack) Child toothbrushes are available in the following colors*: clear, blue, aqua, red, peach, and purple. (72 per pack)	**660-103** **660-104**

*We apologize for the inconvenience, however specific colors may not be ordered as colors are packaged randomly.

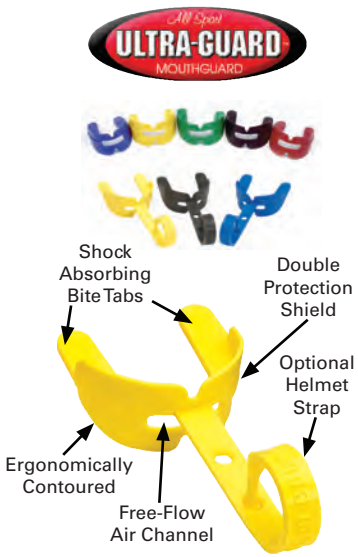
MISCELLANEOUS

ITEM	DESCRIPTION

Retainer Cases: Regular, Glow, and Sparkle

Made from durable, high quality plastic, these retainer cases feature a new trim shape and an easy to use clasp that shuts securely. Choose from regular colors, glow colors, or sparkle colors. (25 per pack)

COLOR	CATALOG NO.	COLOR	CATALOG NO.
Pink	640-110	Black	640-117
Orange	640-111	Purple	640-118
Red	640-112	Aqua	640-119
Blue	640-113	Assorted Colors	640-100
Green	640-114	Assorted Glow	640-101
Yellow	640-115	Assorted Sparkle	640-102
Clear	640-116	—	—



Ultra-Guard Mouthguards

Ideal for athletes with braces and useful for all sports. These mouthguards help to protect both upper and lower teeth, and help minimize lacerations to lips and cheeks. No boiling or impressions are required. Conforms to NCAA Guidelines. Optional helmet strap is available. (10 per pack)

COLOR	WITH STRAP	WITHOUT STRAP
Red	641-001	641-021
Green	641-002	641-022
Yellow	641-003	641-023
Blue	641-004	641-024
Black	641-005	641-025
Clear	641-006	641-026
Assorted	641-000	641-020

Brace Relief™ Pocket Kit

Orthodontic relief gel (1/8 oz tube) and silicone stick (6) dramatically reduce patient discomfort.

Silicon Assorted

Brace Relief Kit Assorted (10 kits per pack) — **301-032**

Brace Gard™ Silicone Assorted
- Assorted - 16 mini boxes — **301-036**
- Assorted - 30 mini boxes — **301-037**

MISCELLANEOUS

ITEM	DESCRIPTION	CATALOG NO.
	Orthodontic Relief Wax and Dispenser For patients emergency use when appliance is irritating soft tissue. Easy to apply, and provides immediate temporary relief. Choose from regular or scented wax or mint flavored. (50 cases per box)	
	Lip Protectors Clear, soft plastic protectors slip over brackets, archwires, and first molar buccal tubes. Easily placed and removed by the patient. Ideal for musicians, light contact sport players or patients who want relief from soft tissue pain. Can be trimmed if desired. Fits all popular bracket types. (5 sets per pack)	**610-085**
	Utility Wax Soft and pliable at room temperature. This wax is useful for building up, postdamming, and peripheral lining impression trays. 3/16" diameter strips x 11". (90 strips per box) • Regular (unflavored) • Mint Flavored	 **301-025** **301-025M**
	Relief Wafers To help reduce the pain experienced by patients after their orthodontic procedures, injection molded pads are bitten down on or chewed. Unflavored (clear) (50 per box)	**301-040**

Relief Wax Dispenser Empty
6 5/8" L x 4" W x 8 1/4" H
(4 columns each hold 20 cases) — 301-029

DESCRIPTION	CATALOG NO.
Regular (clear case unscented)	301-030
Mint Flavored (clear case)	301-031
Cherry Scent (red case)	301-030C
Bubblegum Scent (pink case)	301-030BG
Lemon Scent (yellow case)	301-030L
Orange Scent (orange case)	301-030O

TYPODONTS

Carriere SLX (5x5)

ITEM	DESCRIPTION	CATALOG NO.
	Bracketed Typodonts*	
	Demo Model – *Andrews²* 15X Brackets	**631-712X**
	Demo Model – *Maestro* 15X Brackets	**631-711X**
	Demo Model – *Carriere* 15X Brackets	**631-017CLX**
	Demo Model – *NeoCrystal* 15X Brackets	**631-714X**
	Demo Model – *NeoLucent Plus* 15X Brackets	**631-704X**
	Stone Model with NPE2	**631-008**
	Typodont – *Ancor Pro* Temporary Anchor	**631-005**
	Typodont – *Andrews²* Brackets, Standard	**631-712S**
	Typodont – *Andrews²* Brackets, Translation T2	**631-712T**
	Typodont – *Carriere Motion* 26 mm/Lingual Arch and Bands	**631-017D**
	Typodont – *Carriere Motion* with Clear Aligners	**631-017DNE**
	Typodont – *Carriere* SLB (5x5) Brackets	**631-017**
	Typodont – *Carriere SLX* Brackets	**631-713**
	Typodont – *Delta Force* (7x7) Brackets	**631-018DF**
	Typodont – *Di-MIM* (7x7) Brackets	**631-018DM**
	Typodont – Edgewise Mini-Twin Brackets (5x5)	**2031-604**
	Typodont – Edgewise Standard-Twin Brackets (5x5)	**2031-605**
	Typodont – *Elite Mini-Twin* (7x7) Brackets	**631-011**
	Typodont – *Elite Medium-Twin* (5x5) Brackets	**631-012**
	Typodont – *Envision* (5x5) Brackets	**631-015**
	Typodont – *Illusion Plus* (5x5) Brackets	**631-014**
	Typodont – *Illusion Plus* Silver Slot (5x5) Brackets	**631-014SS**
	Typodont – *Illusion* Upper/*Elite* Lower (7x7) Brackets	**631-019**
	Typodont – *Maestro* (6x6) Brackets	**631-711**
	Typodont – *Mini-Twin* VS (5x5) Brackets	**631-018VS**
	Typodont – *Multi-Distalizing* Arch Appliance	**631-009**
	Typodont – Nanda *Opti-MIM* (7x7) Brackets	**631-018RN**
	Typodont – *NeoCrystal* (6x6) Brackets	**631-714**
	Typodont – *NeoLucent Plus* (5x5) Brackets	**631-704**
	Typodont – *NeoMaestro* (7x7) Brackets (*NeoLucent Plus*/*NeoCrystal*-3x3, *Maestro*-4x4)	**631-714-NM**
	Typodont – *Opti-MIM* RP (5x5) Brackets	**631-018RP**
	Typodont – *Opti-MIM* Mini-Edgewise (5x5) Brackets	**631-018EW**
	Typodont – *Opti-MIM* LP (5x5) Brackets	**631-018LP**
	Typodont – *TransForce²* Appliances (Transverse and Sagittal)	**631-026**
	Typodont – *Twin Force* Anchor Wire	**631-023**
	Typodont – *Twin Force* Appliance, Combination	**631-025**
	Typodont – *Twin Force* Double Lock	**631-024**

**Ortho Organizers'* prescription does not imply endorsement by the doctor(s).

TYPODONTS

ITEM	DESCRIPTION	CATALOG NO.
	Clear Articulated Typodont Articulated study model features removable teeth and anatomical roots. Flexible transparent gingiva provide effective visual aid in patient education. Hard plastic base with 28 removable teeth. Direct bond brackets or bands may be bonded to teeth.	**631-000**
	Pink Epoxy Typodont with Case Ideal occlusion. Excellent visual aid for patient consultation and assistant training. Features separate maxillary and mandibular arches with natural looking dentition and protective case. Arches are not mounted on hinge. • Typodont (fixed teeth) with case • Protective case only	**631-001** **631-002**
	Articulator, Wax Forms, Epoxy Teeth A compact, fully functional articulator that allows the study of various simulated jaw movements. Typodonts may be banded or bonded.	
	Teeth Models One set of anatomical teeth with roots (second molar to second molar).	**631-020**
	Study Model with Case – Class I Class I ideal occlusion model made out of high impact plastic. Excellent training model that can be bonded. 1st molars are contoured to accept 1st molar bands.	**631-022**

DESCRIPTION	CATALOG NO.
Articulator	**631-030**
Epoxy Teeth (Brackets not included)	**631-032**
Ideal Occlusion Wax Form	**631-035**
Class I Wax Form	**631-036**
Class II, Div. I Wax Form	**631-037**
Class II, Div. II Wax Form	**631-038**
Class III, Wax Form	**631-039**
Epoxy Teeth (Brackets included)	**631-044**

EDUCATIONAL COURSES

Henry Schein Dental Specialties Group (HSDSG) joins with its partner companies to offer a wide variety of certified continuing education programs across all dental specialty fields:

- Orthodontics
- Periodontics
- Oral Surgery
- Pedodontics
- Endodontics

Our mission as a provider of scientifically sound continuing education is to increase the knowledge base of all Dental Professionals allowing them to expand treatment options for their patients. By providing premium comprehensive training programs we ensure our participants remain up to date on new technologies, and continue to achieve their learning potential.

Henry Schein Dental Specialties Group is a recognized provider for both the AGD and the ADA **C**ontinuing **E**ducation **R**ecognition **P**rogram.

For additional information or to receive a full course calendar please visit our website at HenryScheinDSG.com or contact us directly at 888.994.7374 (888.99 HSDSG).

HENRY SCHEIN®
DENTAL SPECIALTIES GROUP

ADA C·E·R·P® | Continuing Education Recognition Program

Henry Schein Dental Specialties Group is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

Henry Schein Dental Specialties Group designates this activity for 64 continuing education credits.

Academy of General Dentistry
PACE Program Approval for Continuing Education

Approved PACE Program Provider FAGD/MAGD Credit Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. 6/1/2011 to 5/31/2015 Provider ID#:208344

EDUCATIONAL COURSES

Obstructive Sleep Apnea (OSA) is emerging as one of the most widespread and costly health issues in the U.S. OSA is known to affect more than 18 million Americans, including children, 85% of whom are undiagnosed.* OSA is known to raise a person's risk of serious medical problems such as:

- heart attack
- stroke
- depression
- hypertension
- auto-immune disorders

An Orthodontic Approach

Henry Schein Orthodontics (HSO) now offers a course that will provide you with an understanding of the physiology of sleep apnea and the current diagnostic and treatment options, including new orthodontic approaches and protocols for treating patients with OSA. This program is the first-of-its-kind in the orthodontic industry, and includes a complete, evidence-based system to implement into your practice now.

Course Objectives

This course is designed to give you the knowledge and skills to effectively incorporate an Orthodontic Obstructive Sleep Apnea program into your practice. During the course, you will learn:

- The physiology of snoring and sleep-disordered breathing
- Clinical signs and screening methods for identifying obstructive sleep apnea
- Obstructive sleep apnea diagnostic procedures, including new home sleep testing options
- How the orthodontic strategy differs from conventional treatment options
- The role of mandibular positioning and maxillary arch development in airway management
- Partnering with health care professionals for comprehensive care and new referral sources
- Medical insurance billing made easy

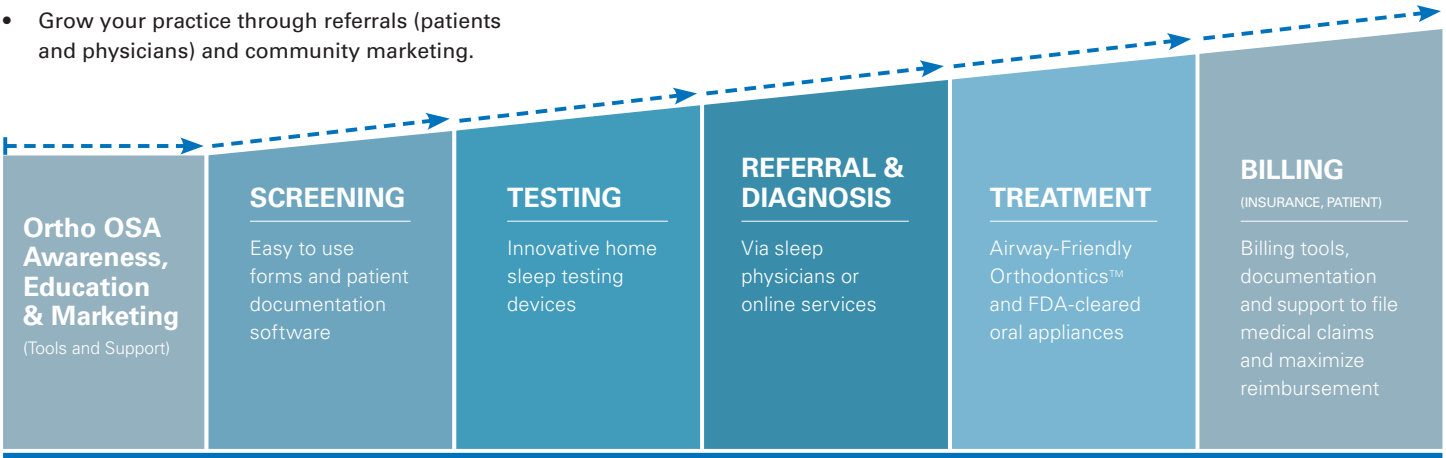
Teaching Methods and Tools

Our program includes training methods such as lecture, video, interactive group discussion, and hands-on exercises with FDA-cleared obstructive sleep apnea oral appliances and home sleep testing therapy. A complete system of Orthodontic OSA tools and protocols, patient education, and professional referral materials will be available and demonstrated.

Visit OrthoSleepApnea.com to find a complete course schedule and how you can register today.

A complete evidence-based system to implement into your practice.

- Make a total-health difference and help your patience breathe, smile, and thrive!
- Grow your practice through referrals (patients and physicians) and community marketing.



WE PROVIDE SUPPORT EVERY STEP OF THE WAY:
Our robust integration tools, training, and support system provides you the resources to successfully add sleep apnea treatment into your practice!

*Courses available in the U.S. only.

EDUCATIONAL COURSES

Products

In addition to continuing education courses, HSO also offers the following products to help implement and manage an orthodontic sleep apnea program within your practice. Please consult your local HSO Representative for more details.

HOME SLEEP TESTING

FDA-cleared, portable devices designed to detect the symptoms of obstructive sleep apnea and aid in treatment follow-up. Devices are easy-to-use and testing can be done in the comfort of your patient's own home.

MEDICAL BILLING SOFTWARE

Maximize reimbursement success and minimize risk with easily-generated documentation, reports, and letters to organize and manage your sleep practice and bill medical insurance.

- Facilitates patient questionnaire and examinations
- Diagnostic report writing and manages referral process
- Automated claims and medical billing submissions
- Patient benefits calculator

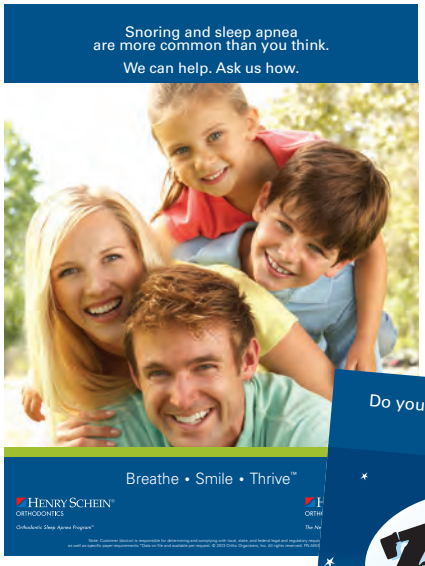
PATIENT EDUCATION AND MARKETING

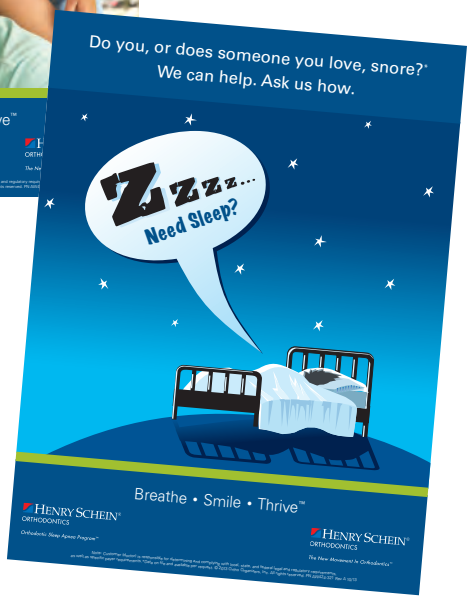
- Sleep appliance demonstration models
- Patient awareness and education materials
- In-practice and community outreach marketing

SUPPLIES FOR YOUR GROWING SLEEP APNEA PROGRAM

Restock your inventory with the following items:

- Home Sleep Test patient consumables
- Bite registration devices specifically designed for sleep apnea appliances
- Patient education brochures





*Courses available in the U.S. only.

ORDERING AND WARRANTIES

CONDITIONS OF SALE

Products may be returned for credit within 60 days of shipping only under the following conditions:

1. Product must be new, in sellable condition, and in the original unopened packaging.
2. **Custom product such as bands and bonding bases with welded or brazed combinations, Doctor's specials, and refrigerated products may not be returned for exchange or credit at any time.**
3. Product will be accepted only from the original purchaser and only when delivered to our Carlsbad, California U.S.A. Headquarters.
4. Returned merchandise must be shipped pre-paid and insured for the full value. Never return merchandise in an envelope.
5. Returned merchandise must be accompanied with a Return Material Authorization (RMA) Number and note explaining the reason for the return.
6. Products returned for credit will be subject to a minimum 15% handling and restocking charge. Items returned after 60 days of shipping will be accepted at the discretion of Henry Schein Orthodontics. No product will be accepted for return if shipping date is beyond one (1) year.
7. *Henry Schein Orthodontics* representatives are not authorized to approve or pick up return merchandise. Please contact *Henry Schein Orthodontics* to get a RMA Number by calling Customer Service at 1.800.547.2000. Once you have your RMA Number, please return your product with your RMA Number referenced on the packaging to:

   Henry Schein Orthodontics, Attn: Returns
   1822 Aston Avenue
   Carlsbad, CA 92008-7306

SHIPPING AND HANDLING

All prices are F.O.B. shipping point. Shipping and handling charges and sales tax (if applicable) will be added to invoices.

ORDER TERMS AND CONDITIONS

Orders are accepted on basis of payment within 30 days after shipment from factory, subject to credit approval. A packing slip is enclosed with each shipment and a separate invoice is sent by First Class Mail. Any outstanding balance not paid within 30 days will be subject to a finance charge of 1.5% per month, an amount equal to 18% per year. Payment may be made by check, VISA, MasterCard, American Express, or Discover Card. All payments are made to our U.S.A. headquarters and must be in U.S. funds.

PRODUCT IMPROVEMENTS, PRICE, AND TECHNIQUE CHANGES

Our commitment is to continually advance and improve our products. Therefore, we reserve the right to upgrade the design and quality of the products we produce and sell. We also reserve the right to change prices and/or design, or discontinue products without prior notice.

Changes in technique, archwire size, brackets or band preferences (i.e., *Tempra* Bands for *Epic* Bands) will be accepted for exchange only if product is new, in sellable condition, and in the original unopened packaging, a non-custom product, and returned from the original purchaser within one (1) year of shipping date. Note: your dollar cost of every order of new but similar products will be reduced by 50% on minimum orders of $500.00 (reflecting the value of your exchanged products), until the full amount of your exchanged product has been exhausted against orders. A 15% service charge will be assessed to cover the cost of inspection, re-stocking or re-packaging.

WARRANTIES

Ortho Organizers, Inc. sole obligation and the customer's sole remedy in the event of any claimed defect shall be limited to replacement of merchandise, or at *Ortho Organizer's* option, refund of the purchase price. ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR USE ARE DISCLAIMED. *Ortho Organizers* must be contacted for a Return Material Authorization (RMA) Number and a written notice of claimed defect must be sent to Henry Schein Orthodontics, Attn: Returns, 1822 Aston Avenue, Carlsbad, CA 92008-7306 within a reasonable time after discovery not to exceed one (1) year from the date of delivery.

Band and Brackets

All bands and brackets are warranted for Single Patient Use Only. We cannot warranty, under any circumstances, bands or brackets which have been recycled.

INSTRUMENTS

Ortho Organizers Endura Plus Pliers Warranty Policy

Ortho Organizers warrants *Endura Plus* Instruments to be free from any defect in material or workmanship, corrosion, or separation or fracture of inserts for a period of one (1) year from the date of purchase. Failure to follow all recommended use, maintenance, care, and cleaning procedures will void warranty claims. Proof of recommended maintenance may be required where applicable.

Care and Cleaning

For *Endura Plus* Instruments, all recommended care, cleaning, and sterilization procedures, as described in the Instructions for Use, must be fully adhered to. Failure to follow the recommended procedures will void the warranty. For *Endura* Plus Instruments, the use of rust inhibitor and silicone lube in the pliers' joints is required after each cleaning and sterilization.

Recommended Maintenance

Warranty does not include normal routine maintenance. All *Endura Plus* Instruments should be reconditioned and re-sharpened every six (6) months. *Ortho Organizers* will re-sharpen or replace at no cost any *Endura Plus* Cutting Pliers which fail to properly cut their intended wire sizes within the first six (6) months of purchase.

WARRANTIES AND CLEANING

Except as expressly, provided above, there are no other warranties on *Ortho Organizers Endura* Plus Instruments, expressed or implied, with regards to description, quality, merchantability, or fitness for a particular purpose. The liability for any warranty claim shall not exceed the purchase price of the instrument that is the basis of such claim.

STERILIZATION RECOMMENDATIONS

For *Endura* Instruments, dry heat sterilization is best suited for destroying live microorganisms and is the recommended sterilization method. **DO NOT AUTOCLAVE *ENDURA* Plus Instruments!** This method ensures long life for insert-tipped instruments because there is no moisture, pressure, or chemicals involved. Many quick-cycle dry heat units do not cause metallurgical damage because they operate within reasonable temperature levels. Heat sterilization instruments should be dried while hot to prevent corrosion. Important: Wipe clean pliers and instruments thoroughly before sterilizing.

IMMERSION DISINFECTION AND STERILIZATION

We recommend the use of cleaning products that contain a rust inhibitor that has been proven safe for carbon steel. **Never immerse pliers in:** Glutaraldehydes with phenols, idophor surface disinfectants; Chorinedioside, Sodium hypochorite compounds or water.

Stainless steel should not be exposed to the following chemicals: Sodium Hypochlorite (household bleach), Tartaric Acid (stain and tartar remover), Aluminum Chloride, Barium Chloride, Bichloride of Mercury, Calcium Chloride, Carbolic Acid, Chlorinated Lime, Citric Acid, Dakin's Solutions, Ferrous Chloride, Lysol, Mercuric Chloride, Mercury Salts, Phenol, Potassium Permanganate, Potassium Thiocyanate or Stannous Chloride. Also, NEVER use Aqua Regia, Ferric Chloride, Sulfuric Acid or Iodine with stainless steel.

Immersion of pliers for the shortest time (within manufacturer's guidelines), will minimize chemical exposure and still retain effectiveness. Avoid metal-to-metal contact of pliers' tips when loading trays. Lubricate hinge joints each week with a quality, pure silicone lubricant.

ORTHO ORGANIZERS' TRIUMPH INSTRUMENT WARRANTY POLICY

Triumph Orthodontic Instruments provide warranty against material defects and craftsmanship for the life of the product. Cutters are guaranteed for seven (7) years, benders and utility pliers for ten (10) years, and Mathieu Pliers are guaranteed for one (1) year. This covers corrosion, joint failure, and breakage under normal use. Proper cleaning and maintenance is required to maintain the warranty. This warranty may be void if instruments are not properly cared for, including cleaning and lubrication. *Ortho Organizers* reserves the right to decide whether an instrument is to be repaired or replaced. Sharpening cutters and repairing minor tip damage is not covered by warranty as it is considered routine maintenance for normal use.

Cleaning

Clean and remove any bulk debris immediately after use. Use an enzymatic cleaning solution in an ultrasonic cleaner to clean instruments. Your ultrasonic solution should be changed daily. Hinged instruments should be cleaned and sterilized in the open position. Discoloration and oxidation may occur if instruments are improperly cleaned. To increase the life of your instruments, clean them well. Use detergents and disinfectants suitable for use with medical and/or dental instruments. Follow manufacturer's instructions related to concentration and length of exposure.

Lubrication

To increase the life of your instruments, routine lubrication is recommended. Prior to sterilization, lubricate instruments. This should be done at least weekly. Use only lubricants designed for precision hinged instruments. If using a dry heat sterilizer, be sure to use a lubricant that is compatible with the operating temperatures of your dry heat unit.

Sharpening

Regular sharpening of your cutter will increase its service life, and its ability cut more effectively. Frequency of sharpening depends on: the frequency of use, as well as, the types and diameters of archwires on which the cutter is being used. Check cutters frequently to assess if sharpening is needed.

Sterilizing

Instruments should be in the open position when sterilized. The most efficient method is steam autoclave. *Triumph* Orthodontic Instruments are actually designed for use with steam autoclave. Steam autoclaves will not dull cutters. Other types of sterilizing methods include chemical vapor or dry heat. Using cold sterilants is not recommended. If used, they can chemically attack your instruments. All sterilizing units must be clean and operating properly.

Corrosion

Triumph Orthodontic Instruments are very resistant to corrosion. You can prevent corrosion problems by properly following all manufacturers' recommendations. Discoloration may appear that may not be corrosion. Organic materials that remain can give the appearance of corrosion and be mistaken for rust. Never mix a corroded instrument with new instruments as oxidation may be spread to new instruments. It is recommended that a corroded instrument be discarded and replaced.

Routine Maintenance and Non-Warranty Repairs

Do not send pliers to *Ortho Organizers* for routine maintenance, sharpening, or re-conditioning six (6) months after purchase or later. Normal maintenance, including re-sharpening and reconditioning, may be obtained at Henry Schein Pro Repair (Please see Warranty Returns below for contact information).

WARRANTIES, PATENTS, AND TRADEMARKS

WARRANTY RETURNS FOR ALL ORTHODONTIC INSTRUMENTS

Pliers which are defective under the terms of the warranty policy, and have not been misused or tampered with, may be returned to *Ortho Organizers* for repair or replacement at *Ortho Organizers* option. Contact *Ortho Organizers* and obtain a Return Material Authorization (RMA) number prior to returning the pliers by calling Customer Service at 1.800.547.2000. Once an RMA Number is assigned, ship the product with this RMA Number visible on the outer shipping package, along with the original invoice or packing slip, to Ortho Organizers, Inc., 1822 Aston Avenue, Carlsbad, CA 92008-7306. Please note that an RMA Number is mandatory, and any product received by *Ortho Organizers* without an RMA Number visible on the packaging will not be accepted. Routine Maintenance and Non-Warranty Repairs: Do not send *Endura* Plus Instruments or *Triumph* Instruments to *Ortho Organizers* for routine maintenance, sharpening, or re-conditioning six (6) months after purchase or later. Normal maintenance, including re-sharpening and reconditioning, may be obtained at:

HENRY SCHEIN PRO REPAIR
1666 East Touhy Avenue
Des Plaines, IL 60018
Phone: 800.367.3674
Web: www.prorepair.com
Email: prorepair@henryschein.com

Alternative maintenance providers may also be used. *Ortho Organizers* does not warrant actions by any maintenance service providers, and assumes no responsibility for the results of any maintenance services performed.

NON-WARRANTY REPAIRS

For non-warranty repairs and sharpening, please contact Precision Plier Service.

WARNING

Many of *Ortho Organizers/ Henry Schein Orthodontics'* products are made of stainless steel and/or nickel titanium. Stainless steel contains nickel and chromium. Nickel titanium contains nickel. Also cobalt-chromium contains chromium and a trace of nickel. A small percentage of the population is known to be allergic to these metals. If an allergic reaction occurs, advise patient to consult a physician.

PATENTS AND TRADEMARKS

Certain products in this catalog may be covered by one or more of the following patents:

2,327,957	4,749,352	4,877,348
4,952,142	5,022,854	5,125,832
5,816,800	6,053,729	6,162,051
6,227,849	6,296,482	6,358,046
6,368,106	6,394,798	7,018,203
7,621,743	779573	

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