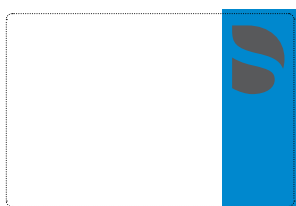
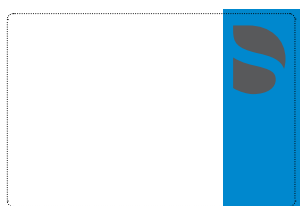
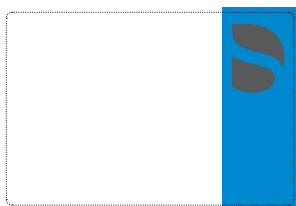
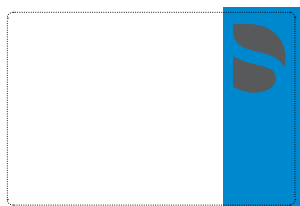
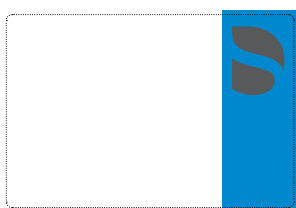
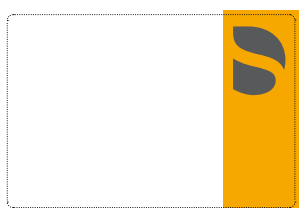
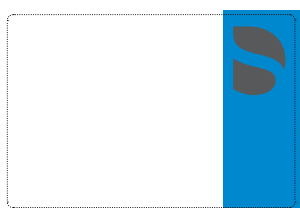




For better, safer, faster
orthodontic care.

GAC Orthodontic Product Catalog 15
Volume II

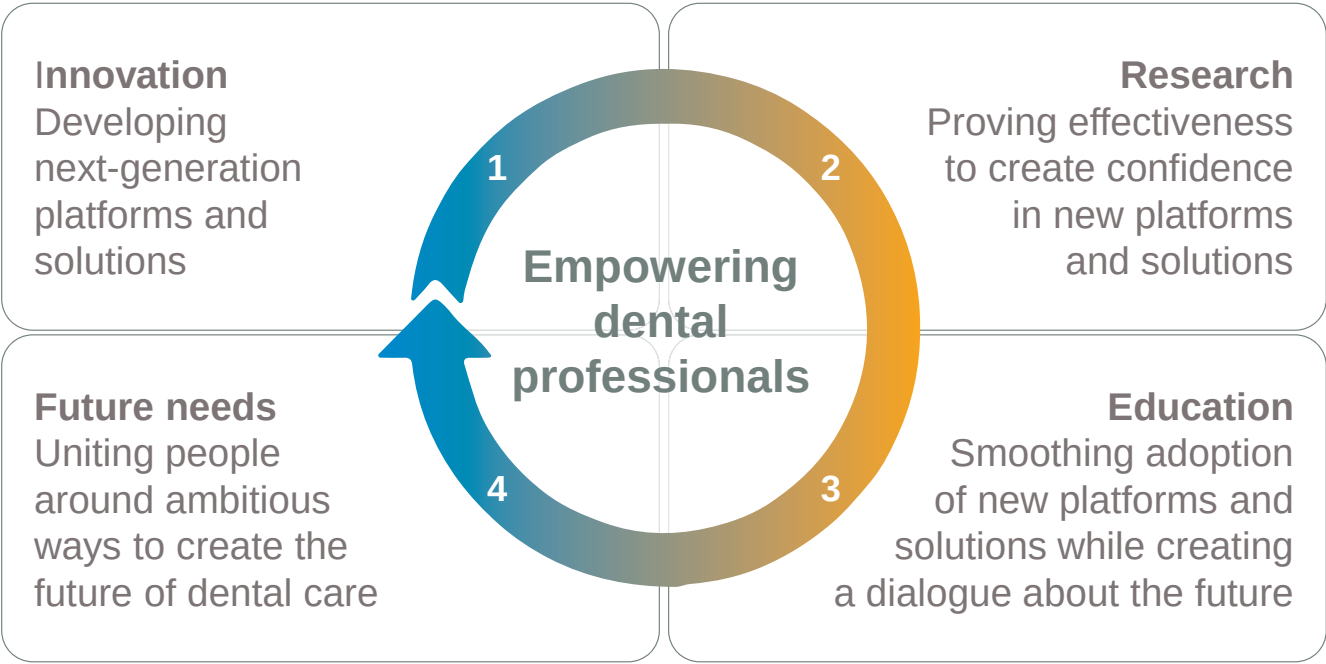




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Creating Proven Solutions To Move The Orthodontic Professional Forward.

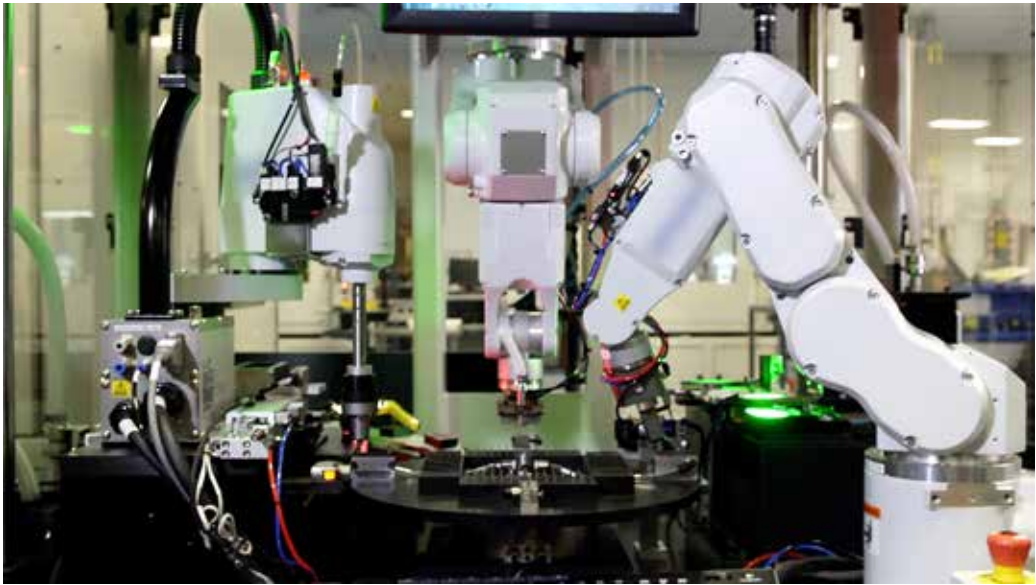
Dentsply Sirona partners with orthodontic professionals and labs to advance patient care and fundamentally improve oral health worldwide. We are committed to empowering dental professionals to provide better, safer, faster orthodontic care.



Dentsply Sirona provides orthodontic professionals a comprehensive end-to-end solutions offering. This offering includes some of the best-known and established brands in the industry. We develop, manufacture and market a complete line of products and are proud to be a preferred partner for practices, clinics, and laboratories worldwide.



We've invested millions of dollars into our state of the art manufacturing complex to ensure we continue to bring you the very best products in the market. These production facilities are driven by a need for speed of innovation and industry-leading precision that can't be matched.



Our commitment to supporting growth and innovation in the market through education, university programs and student research continues to be one of our top priorities. We are actively engaged with over 40 universities and invest over \$3m a year to provide resources and develop programs to move education into the future.

LEADERSHIP BY THE NUMBERS



We are uniquely positioned to deliver innovative solutions and support our customers with the broadest product portfolio and the largest sales and service infrastructure in the industry. Simply put, it allows us to focus our efforts on empowering dental professionals to provide better, faster and safer care.

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Barcelona
ESPANA
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Fax: +34 93 264 00 65
Email : orthospain.clientes@dentsplysirona.com
http://dentsplygac.eu/es/es/inicio

Terms and Conditions of Sale

Conditions
All Dentsply Sirona products are manufactured to the highest standards under strict quality control procedures. GAC reserves the right to modify, improve, and change product specifications; to discontinue products; and to change price schedules as it may deem necessary without notice or incurring obligation.

Warranty
All products manufactured by GAC are warranted to be defect free in material and workmanship for one year from date of purchase. GAC's sole responsibility will be, at its option, to replace, repair or credit the purchase price of a product in the event of a manufacturing defect. Unsatisfied customers may return any standard GAC product within 60 days of purchase for credit under the following conditions:

An approved product return must have the RMA# [supplied by customer service] on outside shipping box. If product is returned without an RMA number, it will be returned to the customer and will not be processed.

- Products must be standard catalog items in unused and resalable condition, and only from the original purchaser.
- Products must be of current design.
- Written explanation must accompany the return stating the reason for the dissatisfaction with the product with the **approved RMA number listed**.
- Returned merchandise must be properly packaged to withstand shipping. Customer must prepay all postage fees, including insurance value of package.
- Returns after **60** days will not be credited without prior clearance and/or letter of explanation, and will be subjected to a minimum **20%** restocking fee.
 - Any product that has been written on and returned but is unopened and **after** 60 days of purchase, will be accepted back with the minimum 20% restocking fee due to rework.
- Send your return with RMA number on outside of box to:
Dentsply Sirona Orthodontics
ATTN: Returns Department GAC
7290 26th Court East
Sarasota, FL 34243

- Please Note:
- Include the GAC Supplied RMA Form in your shipment to ensure proper processing.
 - All GAC products must be in original **sealed** packaging to received credit. Opened product that is returned to GAC will not be accepted back for return and will be returned to sender for no credit.
 - GAC molar bands, brackets, and archwires are designed, manufactured, and warranted for single use only.

- The following products are non-returnable:
- GAC TechnoCenter hardware
 - GAC TechnoCenter software (upon receipt of permanent key code)
 - GAC Adhesives
 - GAC Custom Welded bands
 - GAC Textbooks
 - GAC Instruments*

*All GAC instruments are warrantied for sharpening, repair and routine maintenance for 1 year from purchase date. Please mail instruments to be serviced with GAC invoice, GAC account number, return address, and contact information to:

OrthoDental International
280 Avenida Campolli Suite M
Calexico, CA 92231

Any questions? Call GAC Customer Service at **1-888-GAC-INTL (422-4685)**

Products made up of multiple components must remain intact until delivered to the end user if CE marked.

My GAC Profile:

My Account Number:

UOBG Website Login:

Username:

Password:

My Email on File:

GACPowered Website Login:

Username:

Password:

My Email on File:

MyGCARE Website Login:

Username:

Password:

My Email on File:

Notes:

My GAC Representative:

Name:

Phone Number:

Email Address:

My GAC Favorites from Dentsply Sirona:

My Favorite Brackets:

My Favorite Buccal Tubes:

My Favorite Archwires:

My Favorite Bands:

My Favorite Supplies:

My Favorite Miscellaneous Items:

GAC Brackets



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40	OmniArch®		

The appliance you choose is the foundation for your orthodontic treatment plan. GAC manufactures only high quality brackets from aerospace quality stainless steel. Computer Numerated Control (CNC) milling and Metal Injection Molding (MIM) are two manufacturing processes utilized routinely by GAC to ensure that the brackets we manufacture exceed your every expectation. The tie-wings are smooth and swept for optimal patient comfort, the slots are made with extremely tight tolerances to provide consistent and predictable treatment time after time. Making use of leading edge inspection equipment and extremely diligent quality control standards, we carry out rigorous inspection on all of our bracket systems. It is our commitment to you to provide the finest product possible to support your specialty.

SELF-LIGATING BRACKETS

In-Ovation® Self-ligating Brackets

The In-Ovation System is a comprehensive, esthetic and technologically advanced approach to self-ligation. In-Ovation is available in four bracket types that share many common benefits for your practice and your patients: reduced chair time and treatment time, fewer and faster adjustments, and the control required for optimal orthodontic results. With In-Ovation, you have the ability to choose from a wide range of treatment options to best meet the needs of your practice and your patients.



In-Ovation® X

In-Ovation X represents the next-generation self-ligating bracket. Building on the ground-breaking In-Ovation R platform, In-Ovation X delivers improved function, usability and design.



In-Ovation® R

The original self-ligating mini-twin bracket. In-Ovation R features a low profile design and smooth curves for greater comfort and improved appearance.



In-Ovation® C

A highly esthetic self-ligating bracket made from a special ceramic material with a rhodium processed clip for enhanced esthetics. The natural color of In-Ovation C makes the bracket a perfect fit for patients concerned about esthetics, while delivering functionality comparable to metal brackets.



In-Ovation® L

Lingual mounting In-Ovation L brackets offer an all-but-unseen treatment, while simplifying the difficult chore of archwire changes thanks to the easy-open, easy-close clips.



No•Trace™

A breakthrough in cosmetic correction. The absolutely, undetectable self-ligating lingual bracket that provides a cost-effective solution for minor anterior misalignments. The brace without a trace.

SELF-LIGATING BRACKETS

In-Ovation® Means Interactive

In-Ovation self-ligating brackets provide you with the ability to start and effectively finish your treatment with one, simple system. Using the technique of your choice, In-Ovation self-ligating brackets enable you to maintain the precise degree of control that you need for each phase of your patient's treatment. In-Ovation self-ligating brackets' unique interactive technology means you can choose the degree of engagement between the bracket and wire. It can be passive for leveling and aligning, expressive where control is realized and free-sliding is maintained, or active for controlled, optimal finishing.

PASSIVE PHASE

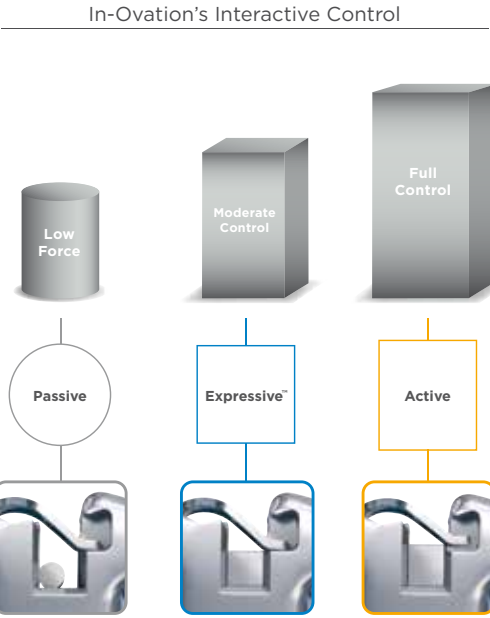
Small, round wires slide freely, initiating the tooth movement process as the archwire gently levels the teeth and coaxes them into alignment.

EXPRESSIVE PHASE

Square or rectangular wires are gently seated into the base of the slot without contacting the clip. Programming is expressed, rotations are corrected, and space closures are completed.

ACTIVE PHASE

Rectangular archwires extend beyond the slot to fully engage the clip, providing the active control necessary for functional finishing, uprighting of the roots, and adjusting the torque.



INTERACTIVITY GUIDE

Archwire Sizes	.018" Slot	.022" Slot
Passive	.014" / .016"	.014" / .016" / .018" / .020"
Expressive™	.016" x .016" / .018" x .018"	.018" x .018" / .020" x .020" / .022" x .018"
Active	.016" x .022" / .017" x .025" / .018" x .025"	.018" x .025" / .019" x .025" / .021" x .028"



Time

302.55 minutes vs 476.76 minutes

With In-Ovation* doctors realize a chairside time savings of approximately 3 hours per patient.



Months in Treatment

19.83 months vs 23.97 months

In-Ovation finishes equivalent cases approximately 4 months sooner than traditional brackets with ties.

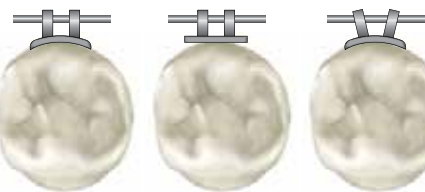


Appointments

9.6 vs 16.26

In-Ovation averages 40% fewer appointments than traditional brackets with ties.

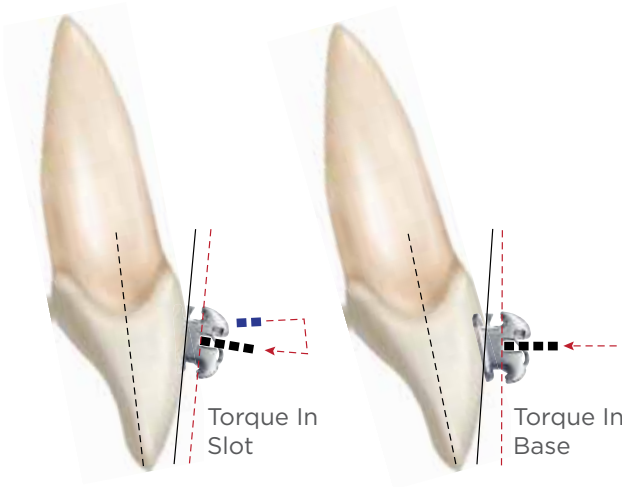
Known as the "system of choice", the In-Ovation system is the solution for efficiency, productivity, and patient satisfaction. In-Ovation is a completely adjusted true straight wire appliance system that positions teeth at all four levels: in/out, angulations, torque, and overcorrection. With this completely adjusted four-dimensional appliance system you will need no offset bends in the archwires to obtain an optimal finish in most cases (if the brackets are optimally positioned on teeth). In order to be considered a completely four-dimensional appliance, the bracket must contain: compound contoured torque in base, angulations, proper in/out and anti-rotation with level slot alignment at the conclusion of appliance therapy.



Compound Contour, No Contour, Bent Slot

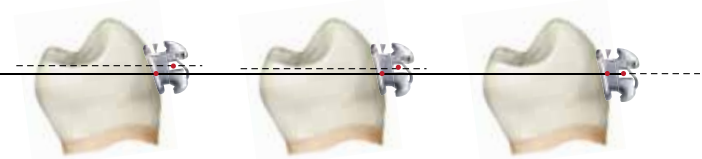
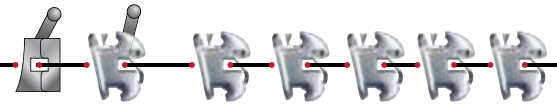
Compound Contour Base

The design of the appliances base must mirror the mesiodistal and occluso or inciso gingival curvature of the crown of each tooth type. The base curvature must be the same or slightly more curved than the tooth surface so that the bracket stem and slot are precisely positioned. This allows the appliance to properly transmit the programmed activation.



Torque In Base

A fundamental necessity for a programmed appliance is torque in the base, but this must be accompanied by the correct base contouring or it will not work properly. This allows the slot point, the base point (middle of the base), and the reference point on the tooth to be on the same plane - a necessity for proper tooth positioning and level slot alignment.



Non-Adjusted, Partially Adjusted, Completely Adjusted

Level Slot Alignment

When all the teeth reach their programmed positions, all four dimensions are correct, allowing alignment, leveling, and parallelism of all the slots on all the brackets around the arch.

Programmed In/Out

As a result of the proper thickness relative to the adjacent brackets, in/out (first order) bends are virtually eliminated with proper bracket placement.



*Jerry R. Clark, DDS, MS, Jack Gebbie, BS, Datatex Market Research Report Summary: Increasing Practice Efficiency and Profitability Using In-Ovation Self-Ligating Brackets, March, 2007. Datatex is a member of CASRO® - Council of American Survey Research Organizations

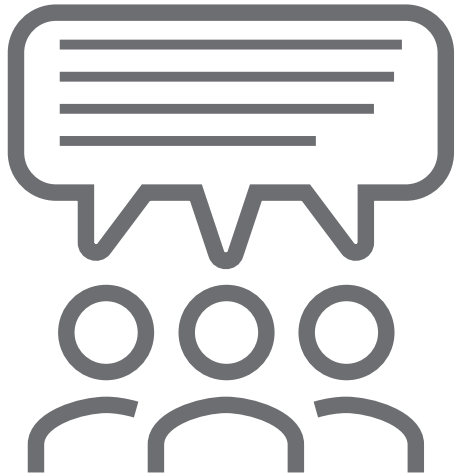
SELF-LIGATING BRACKETS

In-Ovation® X by GAC
Elevating Standards,
Expanding Possibilities.

Designed by You

When you make the most successful self-ligating bracket, GAC has set the bar pretty high. But that’s the challenge of innovation. Taking the best in class and taking it to the next level. We spoke to orthodontic professionals across eight countries in three continents. It was a thought-provoking process that revealed more than 100 individual items that were important to the clinicians we spoke with. After the information was collected and collated, we analyzed our findings point by point. This enabled us to hone in on the design elements that the orthodontic community thought were most important. Ultimately, 3 key ideas were identified.

- You wanted a lower profile bracket, especially in the anterior region, that maintained the interactive properties and straight wire principles.
- You wanted a robust clip, strong enough to maintain integrity through the entire course of treatment.
- You wanted a clip that was easy to work with. One that included a hole on the facial surface for a simple opening method and designed to mitigate calculus interference with the opening mechanism.

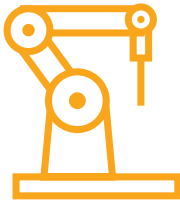


Developed by Us

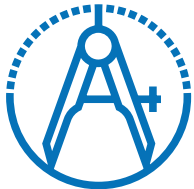
With decades of self-ligation expertise, proven clinical results and industry leadership GAC embarked on the development journey. With these ideas in mind, we challenged our engineers and R&D team to design the next generation In-Ovation bracket. After meticulous sessions of design, testing validation (including a rigorous clinical trial) we arrived at our destination—the new In-Ovation X self-ligating system.

Unmatched Manufacturing Precision

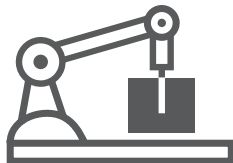
In-Ovation X brackets are engineered and executed in our state-of-the-art Research, Design and Manufacturing Campus in Sarasota, Florida using the latest in digital robotics and automation. This enabled us to refine critical performance requirements, and to increase the level of predictable treatment outcomes for our customers.



Manufactured using the latest in digital robotics.

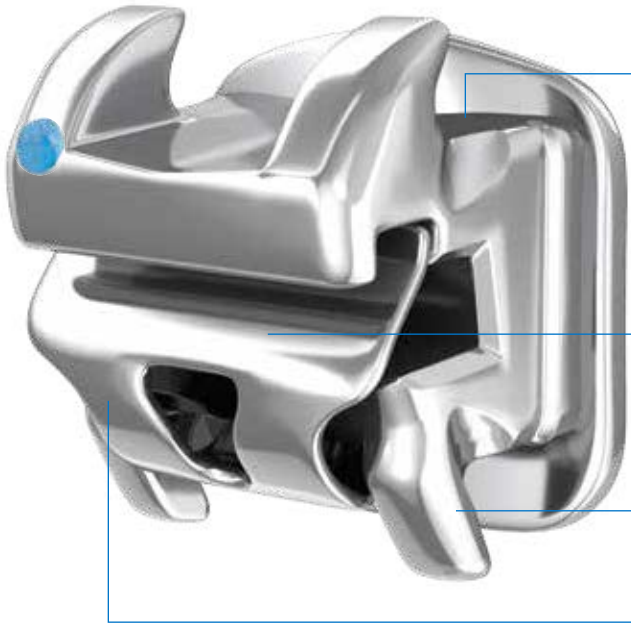


Precision-tuned angulation and torque for improved control.



Metal injection molded for consistency, accuracy and strength.

Take a Good Look at Great



Enclosed Clip Channel

Mitigates calculus accumulation that can interfere with clip opening

Opening Mechanism

Easy opening with **no dedicated instrument**, optimally placed to reduce risk of deformation

Low-Profile

Reduced overall profile up to 14.3% - with no reduction of interactivity - designed for improved patient comfort

Reduced Curvature

Improves clip strength and increased wire retention forces



Clip Design

Clip retention feature	Greater clip disassembly force.
Redesigned clip	Delivers tactile feedback when clip is closed



Body Design

Tapered occlusal tie-wings	Designed to minimize occlusal interference.
Optimal mesial-distal span	Provides optimal rotational control.
Metal injection molded	Enhances consistency, accuracy and strength.
Triple chamfered slot walls	Facilitates easy wire insertion reducing the chance of archwire binding or crimping.



Base Design

80 Gauge single mesh	Delivers proven bond strength.
Anatomical base design	Compound contoured to minimize rocking.



Usability

Placement	
Vertical scribe line	Facilitates accurate bracket placement.
Ligation	
Enhanced tie-wing chain undercuts and a tie.	Accommodates double elastomeric chain or
Redesigned body contours	Designed to accommodate accessories.
Identification	
Color ID, Laser etched Palmer Notation	Simplifies identification and bracket inventory management.

SELF-LIGATING BRACKETS

In-Ovation® X
Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	289-111-00	289-211-00	289-112-00	289-212-00
U2	8	9	0	289-121-00	289-221-00	289-122-00	289-222-00
U3/hk	-2	13	4M	289-131-10	289-231-10	289-132-10	289-232-10
U3/hk	-2	10	4M	289-131-16	289-231-16	289-132-16	289-232-16
U4-5	-7	0	2D	289-141-00	289-241-00	289-142-00	289-242-00
U4-5/hkd	-7	0	2D	289-141-10	289-241-10	289-142-10	289-242-10
U4-5/hkm	-7	0	2D			289-142-90	289-242-90

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	2	0	289-311-00	289-411-00	289-312-00	289-412-00
L3/hk	-11	7	2M	289-331-10	289-431-10	289-332-00	289-432-10
L4	-10	-1	4D	289-341-00	289-441-00	289-342-00	289-442-00
L4/hk	-12	-1	4D	289-341-10	289-441-10	289-342-10	289-442-10
L5	-22	-1	4D	289-351-00	289-451-00	289-352-00	289-452-00
L5/hk	-22	-1	4D	289-351-10	289-451-10	289-352-10	289-452-10



In-Ovation® X Kits

In-Ovation X kits are delivered in individual case set-ups for your convenience. The new case features a stylish, sleek design that not only keeps the brackets secure and protected until you are ready to use them, but presents a premium experience for your patients

Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

KITS (brackets only)	.018"	.022"
U/L 5-5 Cuspid hk	K289-055-13	K289-055-23
U/L 5-5 Cuspid Bicuspid hkd		K289-055-22
U/L 5-5 SP Cuspid Bicuspid hk		K289-055-25
U/L 5-5 SP Cuspid Bicuspid hkd	K289-055-16	K289-055-26



- w
weldable
- hk
hook
- hkm
mesial hook
- hkd
distal hook
- htq
high torque
- ltq
low torque
- sp
surgical rx
- ob
offset base
- nc
non-convertible
- c
convertible
- sl
self-ligating

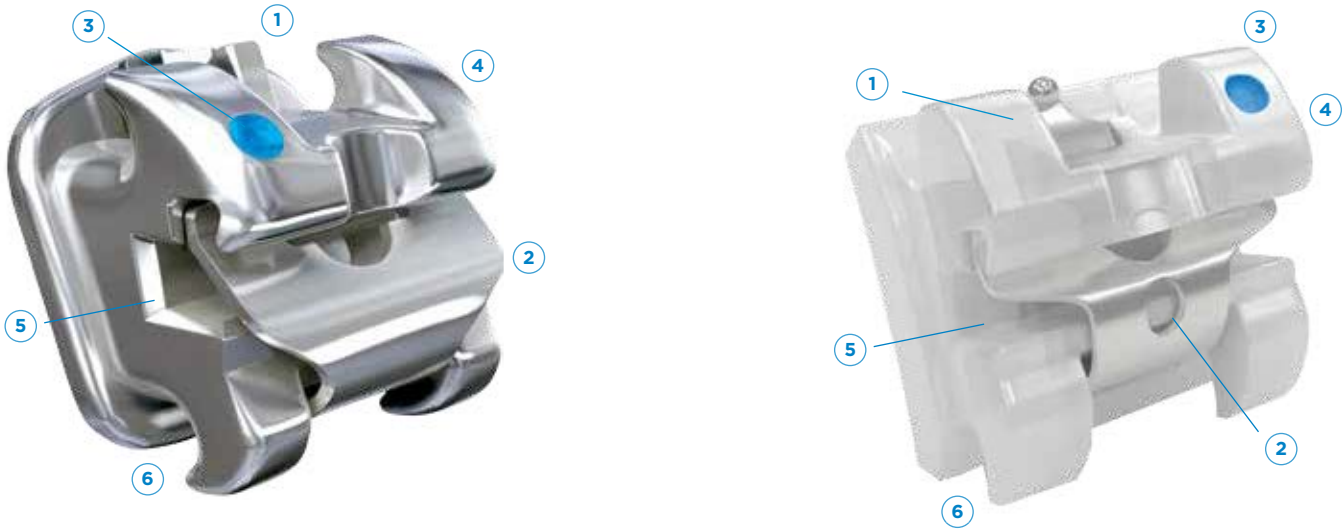
SELF-LIGATING BRACKETS

In-Ovation® R and In-Ovation® C Features

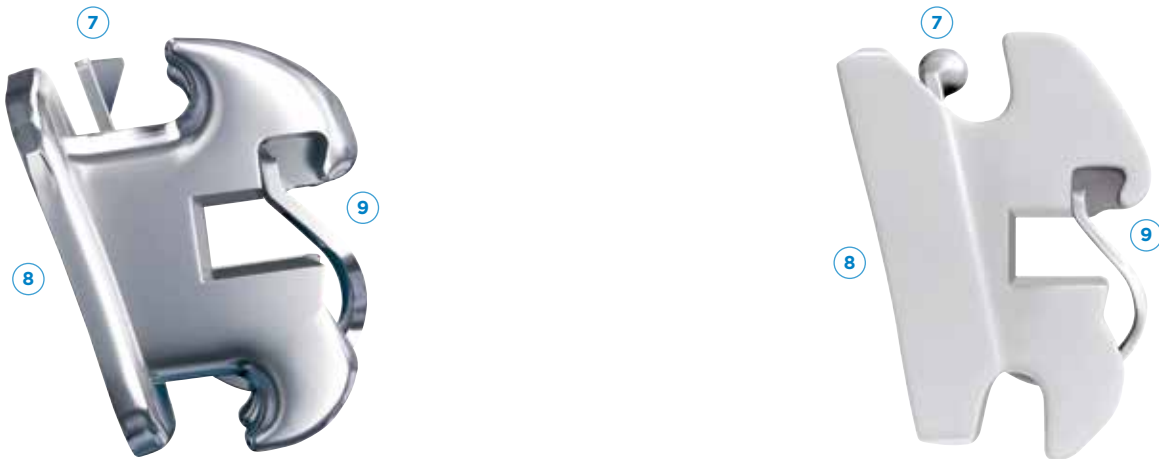
In-Ovation R is the premier mini twin, self-ligating bracket that gives you complete control from start to finish. It enables orthodontists and staff to treat cases easily and effectively while offering patients a faster, more comfortable and attractive treatment option. This unique bracket with Interactive™ technology allows doctors to choose the degree of control needed for each phase of treatment. The results have reflected a faster overall treatment time than traditional braces and improved finishing.

In-Ovation C is the first self-ligating bracket made from ceramic material that compares to the strength and performance of metal and combines superb results with enhanced esthetics. High translucency and a unique rhodium-processed clip make the bracket nearly invisible from a few feet away.

- 1 True twin design with optimal mesial/distal span and adequate inter-bracket distance
- 2 Spring clip with full slot coverage and two point contact (In-Ovation C) Facial hole on clip - Alternate open access
- 3 Distogingival dimple/color ID
- 4 Smooth swept tie-wings
- 5 Triple Chamfered slot walls
- 6 Adequate undercuts for chain or color ties



- 7 (In-Ovation R) “Whale Tail” clip for easy opening; (In-Ovation C) “Gingival Sphere” clip for easy opening
- 8 Torque in base design
- 9 Patented slot-blocker



Bracket Identification - Palmer Notation

In-Ovation R brackets may be easily identified in two manners: Palmer Notation and Color Code. Each bracket base is laser etched with a Palmer Notation to denote the quadrant and tooth. The Palmer Notation may also be further clarified by a letter that corresponds to a specific prescription.

Letter ID	Description
None	Base Rx
A	Base Rx Surgical
B	Base Rx Extra Torque
C	Roncone Rx
D	Andrews Rx
E	Euro Rx
G	Greenfield
H	CCO

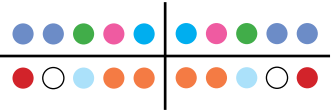
Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.



Bracket Identification - Color Code

A color dot is applied to the distogingival tie-wing for visual identification of tooth and quadrant.

Color Codes	
CN	Blue
LT	Pink
UCS	Green
UBC	Purple
AN	Orange
LCS	Light Blue
LBC1	White
LBC2	Red



UR



LR

UL

LL

BRACKETS

BANDS

BUCCAL TUBES

ARCHWires

TADs

CLASS II

INSTRUMENTS

ADHESIVES

EXTRA ORAL

ELASTOMERICS

LASERS

LAB ESSENTIALS

SUPPLIES

SOFTWARE

SELF-LIGATING BRACKETS

In-Ovation® R
CCO® Rx

The CCO System is a comprehensive treatment philosophy designed to treat each and every case with goal directed treatment and pre-visualized results. The CCO Rx was developed to take full advantage of the bracket/archwire interaction when using an active clip and to achieve optimal tooth position at the end of treatment.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	189-111-07	189-211-07	189-112-07	189-212-07
U1/ltq	7	5	0	189-111-08	189-211-08	189-112-08	189-212-08
U2	10	9	0	189-121-07	189-221-07	189-122-07	189-222-07
U2/ltq	3	9	0	189-121-08	189-221-08	189-122-08	189-222-08
U3/hk	-7	10	2M	189-131-17	189-231-17	189-132-17	189-232-17
U3/hk lt	0	10	2M	189-131-18	189-231-18	189-132-18	189-232-18
U4-5	-9	0	0	189-541-07	189-541-07	189-542-07	189-542-07
U4-5/hk	-9	0	0	189-141-17	189-241-17	189-142-17	189-242-17
U6/hk nc	-14	0	10D	68-161-072	68-261-072	68-162-072	68-262-072
U6/hk nc w	-14	0	10D	69-161-072	69-261-072	69-162-072	69-262-072
U6/hk c w	-14	0	10D	69-161-81	69-261-81	69-162-81	69-262-81
U6/hk sl	-14	0	10D	87-161-81	87-261-81	87-162-81	87-262-81
U7/hk nc	-20	0	10D	68-171-072	68-271-072	68-172-072	68-272-072

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-6	0	0	189-611-08	189-611-08	189-612-08	189-612-08
L1-2/ht	-1	0	0	189-611-07	189-611-07	189-612-07	189-612-07
L3/hk	-8	3	0	189-331-17	189-431-17	189-332-07	189-432-17
L4	-12	2	0	189-341-07	189-441-07	189-342-07	189-442-07
L4/hk	-12	2	0	189-341-17	189-441-17	189-342-17	189-442-17
L5	-17	-1	0	189-351-07	189-451-07	189-352-07	189-452-07
L5/hk	-17	-1	0	189-351-17	189-451-17	189-352-17	189-452-17
L6/hk nc	-25	-1	0	68-361-072	68-461-072	68-362-072	68-462-072
L6/hk nc w	-25	-1	0	69-361-072	69-461-072	69-362-072	69-462-072
L6/hk sl	-20	0	0	87-361-81	87-461-81	87-362-81	87-462-81
L7/hk nc	-20	-1	0	68-371-072	68-471-072	68-372-072	68-472-072
L7/hk nc w	-20	-1	0	69-371-072	69-471-072	69-372-072	69-472-072

KITS (brackets only)	.018"	.022"
U/L 5-5 Cuspid hk	K189-017-07	K189-017-17
U/L 5-5 Cuspid Bicuspid hk	K189-017-08	K189-017-18
U/L 5-5 ltq Cuspid hk	K189-018-07	K189-018-17
U/L 5-5 ltq Cuspid Bicuspid hk	K189-018-08	K189-018-18



All brackets are shown at approximately 350%.

In-Ovation® R
Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	189-111-00	189-211-00	189-112-00	189-212-00
U1/htq	17	5	0	189-111-01	189-211-01		
U2	8	9	0	189-121-00	189-221-00	189-122-00	189-222-00
U2/hk	8	9	0	189-121-10	189-221-10	189-122-10	189-222-10
U3	-2	13	4M	189-131-00	189-231-00	189-132-00	189-232-00
U3/hk	-2	13	4M	189-131-10	189-231-10	189-132-10	189-232-10
U3/sp	-2	10	4M	189-131-06	189-231-06	189-132-06	189-232-06
U3/hk sp	-2	10	4M	189-131-16	189-231-16	189-132-16	189-232-16
U4-5	-7	0	2D	189-141-00	189-241-00	189-142-00	189-242-00
U4-5/hkd	-7	0	2D	189-141-10	189-241-10	189-142-10	189-242-10
U4-5/hkm	-7	0	2D	189-141-90	189-241-90	189-142-90	189-242-90
U4-5/hk w	-7	0	2D	87-141-10	87-241-10	87-142-10	87-242-10
U4-5/hkm w	-7	0	2D	87-141-90	87-241-90	87-142-90	87-242-90
U6/hk sl	-10	0	14D	87-161-05	87-261-05	87-162-05	87-262-05
U7/hk nc	-10	0	14D	68-171-21	68-271-21	68-172-21	68-272-21
U7/hk nc	-14	0	14D	68-171-80	68-271-80	68-172-80	68-272-80

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	2	0	189-311-00	189-411-00	189-312-00	189-412-00
L2/hk	-1	2	0			189-322-10	189-422-10
L3	-11	7	2M	189-331-00	189-431-00	189-332-00	189-432-00
L3/hk	-11	7	2M	189-331-10	189-431-10	189-332-10	189-432-10
L4	-17	-1	4D	189-341-00	189-441-00	189-342-00	189-442-00
L4/hk w	-17	-1	4D	189-341-10	189-441-10	189-342-10	189-442-10
L4/ob	-17	-1	4D	189-341-08	189-441-08	189-342-08	189-442-08
L4/hk	-17	1	4D	87-341-10	87-441-10	87-342-10	87-442-10
L5	-22	-1	4D	189-351-00	189-451-00	189-352-00	189-452-00
L5/hk	-22	-1	4D	189-351-10	189-451-10	189-352-10	189-452-10
L5/ob	-22	-1	4D	189-351-08	189-451-08	189-352-08	189-452-08
L5/hk w	-22	-1	4D	87-351-10	87-451-10	87-352-10	87-452-10
L6/hk sl	-25	0	4D	87-361-09	87-461-09	87-362-09	87-462-09
L7/hk nc	-25	0	4D	68-371-20	68-471-20	68-372-20	68-472-20
L7/hk nc	-30	0	4D	68-371-80	68-471-80	68-372-80	68-472-80

KITS (brackets only)	.018"	.022"
U/L 5-5, Cuspid hk	K189-055-13	K189-055-23
U/L 5-5, Cuspid Bicuspid hkm		K189-055-24
U/L 5-5, Cuspid Bicuspid hkd		K189-055-22
U/L 5-5, SP Cuspid hkm		K189-055-25
U/L 5-5, SP Cuspid Bicuspid hkm	K189-055-27	
U/L 5-5, SP Cuspid Bicuspid hkd	K189-055-16	K189-055-26



SELF-LIGATING BRACKETS

In-Ovation® R
Euro Rx

Euro Rx has prescription values that are equivalent to the *MBT™ prescription.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	17	4	0	189-111-80	189-211-80	189-112-80	189-212-80
U2	10	8	0	189-121-80	189-221-80	189-122-80	189-222-80
U3	-7	8	0	189-131-80	189-231-80	189-132-80	189-232-80
U3/hk	-7	8	0	189-131-81	189-231-81	189-132-81	189-232-81
U3/hk	0	8	0	189-131-82	189-231-82	189-132-82	189-232-82
U4	-7	0	0	189-541-80	189-541-80	189-542-80	189-542-80
U4/hk	-7	0	0	189-141-81	189-241-81	189-142-81	189-242-81
U5	-7	0	0	189-551-80	189-551-80	189-542-80	189-542-80
U5/hk	-7	0	0	189-151-81	189-251-81	189-152-81	189-252-81
U6/hk sl	-14	0	10D	88-161-81	88-261-81	88-162-81	88-262-81
U7/hk nc	-14	0	10D	68-171-81	68-271-81	68-172-81	68-272-81

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-6	0	0	189-611-80	189-611-80	189-612-80	189-612-80
L3	-6	3	0	189-331-80	189-431-80	189-332-80	189-432-80
L3/hk	-6	3	0	189-331-81	189-431-81	189-332-81	189-432-81
L3/hk	0	3	0	189-331-82	189-431-82	189-332-82	189-432-82
L4	-12	2	0	189-341-80	189-441-80	189-342-80	189-442-80
L4/hk	-12	2	0	189-341-81	189-441-81	189-342-81	189-442-81
L5	-17	2	0	189-351-80	189-451-80	189-352-80	189-452-80
L5/hk	-17	2	0	189-351-81	189-451-81	189-352-81	189-452-81
L6/hk sl	-20	0	0	88-361-81	88-461-81	88-362-81	88-462-81
L7/hk nc	-10	0	0	68-371-23	68-471-23	68-372-23	68-472-23

KITS (brackets only)		.018"	.022"
U/L 5-5 Cuspid hk			K189-552-81
U/L 5-5 Cuspid Bicuspid hk		K189-551-82	K189-552-82



All brackets are shown at approximately 350%.

* MBT is a registered trademark of 3M Unitek. All rights reserved.

In-Ovation® R
Roncone Rx

In-Ovation R Roncone prescription features increased torque in the maxillary incisors and upper premolars, and reduced mandibular posterior torque. The prescription is based on the JSOP philosophy developed by Dr. Roncone.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	18	5	0	189-111-60	189-211-60	189-112-60	189-212-60
U2	10	8	0	189-121-60	189-221-60	189-122-60	189-222-60
U2/hk	10	8	0	189-121-61	189-221-61	189-122-61	189-222-61
U3	0	8	2M	189-131-60	189-231-60	189-132-60	189-232-60
U3/hk	0	8	2M	189-131-61	189-231-61	189-132-61	189-232-61
U4-5	-10	4	2D	189-141-60	189-241-60	189-142-60	189-242-60
U4-5/hk	-10	4	2D	189-141-61	189-241-61	189-142-61	189-242-61
U6/hk sl	-20	0	20D	88-161-62	88-261-62	88-162-62	88-262-62
U7/hk nc	-20	0	20D	68-171-62	68-271-62	68-172-62	68-272-62

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	1	0	0	189-611-60	189-611-60	189-612-60	189-612-60
L3	-3	7	2M	189-331-60	189-431-60	189-332-60	189-432-60
L3/hk	-3	7	2M	189-331-61	189-431-61	189-332-61	189-432-61
L4-5	-7	-1	2D	189-341-60	189-441-60	189-342-60	189-442-60
L4-5/hk	-7	-1	2D	189-341-61	189-441-61	189-342-61	189-442-61
L6/hk sl dbl	-10	0	4D	88-361-08	88-461-08	88-362-08	88-462-08
L6/hk sl sgl	-14	0	4D	88-161-62	88-261-62	88-162-62	88-262-62
L7/hk nc	-10	0	0	68-371-23	68-471-23	68-372-23	68-472-23

KITS (brackets only)		.018"	.022"
U/L 5-5 Cuspid hk		K189-055-31	
U/L 5-5 Cuspid Bicuspid hk			K189-055-36
U/L 5-5 LAT Cuspid Bicuspid hk		K189-055-29	



All brackets are shown at approximately 350%.

SELF-LIGATING BRACKETS

In-Ovation® R
Cetlin®/Greenfield Rx

The CG prescription was developed by Dr. Cetlin and Dr. Greenfield to reflect the goals of “Coordinated Arch Development™,”—their unique approach to non-extraction therapy. Buccal root torque in the mandibular posterior teeth has been decreased, while the buccal root torque in the maxillary posterior teeth has been increased.

MAXILLARY				.018”		.022”	
Tooth	T	Ang	Of	R	L	R	L
U1	24	5	0	189-111-03	189-211-03	189-112-03	189-212-03
U2	16	8	0	189-121-03	189-221-03	189-122-03	189-222-03
U3/hk	0	10	0	189-131-13	189-231-13	189-132-13	189-232-13
U4-5	-7	0	0	189-541-03	189-541-03	189-542-03	189-542-03
U4-5/hk	-7	0	0	189-141-13	189-241-13	189-142-13	189-242-13

MANDIBULAR				.018”		.022”	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-6	0	0	189-611-03	189-611-03	189-612-03	189-612-03
L3/hk	-7	5	0	189-331-13	189-431-13	189-332-13	189-432-13
L4	-11	0	0	189-641-03	189-641-03	189-642-03	189-642-03
L4/hk	-11	0	0	189-341-13	189-441-13	189-342-13	189-442-13
L5	-15	0	0	189-651-03	189-651-03	189-652-03	189-652-03
L5/hk	-15	0	0	189-351-13	189-451-13	189-352-13	189-452-13



All brackets are shown at approximately 350%.

UL

LL

In-Ovation® R
7/3 Rx

A True Andrews Rx - the 7/3 prescription incorporates his “Standard Rx” with the benefits of self-ligation. It works in conjunction with his six elements approach to diagnosis. It combines the elements of torque in base, precise in/out, and compound contour base configuration to achieve level slot alignment.

MAXILLARY				.018”		.022”	
Tooth	T	Ang	Of	R	L	R	L
U1	7	5	0	189-111-02	189-211-02	189-112-02	189-212-02
U2	3	9	0	189-121-02	189-221-02	189-122-02	189-222-02
U3/hk	-7	11	0	189-131-12	189-231-12	189-132-12	189-232-12
U4-5	-7	0	0	189-541-02	189-541-02	189-542-02	189-542-02

MANDIBULAR				.018”		.022”	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	0	0	189-611-02	189-611-02	189-612-02	189-612-02
L1-2 optional	-6	2	0	189-311-22	189-411-22	189-312-22	189-412-22
L3/hk	-11	5	0	189-331-12	189-431-12	189-332-12	189-432-12
L4	-17	0	0	189-641-02	189-641-02	189-642-02	189-642-02
L5	-22	0	0	189-651-02	189-651-02	189-652-02	189-652-02



All brackets are shown at approximately 350%.

UL

LL

SELF-LIGATING BRACKETS

In-Ovation® R
Bi-Dimensional® Rx

The Bi-Dimensional Technique was developed by Dr. Anthony Gianelly,

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	189-111-00	189-211-00		
U2	8	9	0	189-121-00	189-221-00		
U3/hk	0	7	0			189-132-41	189-232-41
U4-5	0	0	0			189-542-40	189-542-40
U4-5/hk	0	0	0			189-142-41	189-242-41

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	0	0	0	189-611-02	189-611-02		
L3/hk	0	5	0			189-332-41	189-432-41
L4-5	0	0	0			189-642-40	189-642-40
L4-5/hk	0	0	0			189-342-41	189-442-41

KITS (brackets only)		.018"	.022"
U/L 5-5 Cuspid hk			K189-055-93



All brackets are shown at approximately 350%.

In-Ovation® R
Canadian Rx

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	17	4	0			189-112-80	189-212-80
U2	10	8	0			189-122-60	189-222-60
U3/hk	0	10	0			189-132-13	189-232-13
U4-5/hk	-7	0	2D			189-142-10	189-242-10

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-6	0	0			189-612-80	189-612-80
L3/hk	-6	3	0			189-332-81	189-432-81
L4-5/hk	-11	0	0			189-342-13	189-442-13



All brackets are shown at approximately 350%.



SELF-LIGATING BRACKETS

In-Ovation® R

Clark Rx

Dr. Clark's custom prescription has been developed to fully utilize the significant benefits of the In-Ovation system.

Standard: Class I cases, Class II cases (except extreme protrusion cases), extraction cases.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	18	5	0			189-112-60	189-212-60
U2	10	8	0			189-122-60	189-222-60
U3/hk	0	8	2M			189-132-61	189-232-61
U4-5	-7	0	2D			189-142-00	189-242-00

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	2	0			189-312-00	189-412-00
L3/hk	-6	3	0			189-332-81	189-432-81
L4	-12	2	0			189-342-80	189-442-80
L5	-17	2	0			189-352-80	189-452-80

Low Torque: Most Class III cases, severely crowded cases, to upright incisors (extreme protrusion cases).

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1 ltq	7	5	0			189-112-02	189-212-02
U2 ltq	3	9	0			189-122-02	189-222-02
U3/hk ltq	0	8	2M			189-132-61	189-232-61
U4-5 ltq	-7	0	2D			189-142-00	189-242-00

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2 ltq	-6	2	0			189-312-22	189-412-22
L3/hk ltq	-6	3	0			189-332-81	189-432-81
L4 ltq	-12	2	0			189-342-80	189-442-80
L5 ltq	-17	2	0			189-352-80	189-452-80

UR



LR

All brackets are shown at approximately 350%.

UL

LL

In-Ovation® C

CCO® Rx

The CCO System is a comprehensive treatment philosophy designed to treat each and every case with goal directed treatment and pre-visualized results. The CCO Rx was developed to take full advantage of the bracket/archwire interaction when using an active clip and to achieve optimal tooth position at the end of treatment.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	H100-111-07	H100-211-07	H100-112-07	H100-212-07
U1/ltq	7	5	0	H100-111-08	H100-211-08	H100-112-08	H100-212-08
U2	10	9	0	H100-121-07	H100-221-07	H100-122-07	H100-222-07
U2/ltq	3	9	0	H100-121-08	H100-221-08	H100-122-08	H100-222-08
U3/hk	-7	10	2M	H100-131-17	H100-231-17	H100-132-17	H100-232-17
U3/hk ltq	0	10	2M	H100-131-18	H100-231-18	H100-132-18	H100-232-18
U4-5	-9	0	0	H100-541-07	H100-541-07	H100-542-07	100-542-07
U4-5/hk	-9	0	0	H100-141-17	H100-241-17	H100-142-17	H100-242-17
U6/hk nc	-14	0	10D	68-161-072	68-261-072	68-162-072	68-262-072
U6/hk nc w	-14	0	10D	69-161-072	69-261-072	69-162-072	69-262-072
U6/hk c w	-14	0	10D	69-161-81	69-261-81	69-162-81	69-262-81
U6/hk sl	-14	0	10D	88-161-81	88-261-81	88-162-81	88-262-81
U7/hk nc	-20	0	10D	68-171-072	68-271-072	68-172-072	68-272-072
U7/hk nc w	-24	0	10D	69-171-072	69-271-072	69-172-072	69-272-072

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-6	0	0	H100-611-08	H100-611-08	H100-612-08	H100-612-08
L1-2/htq	-1	0	0	H100-611-07	H100-611-07	H100-612-07	H100-612-07
L3/hk	-8	3	0	H100-331-17	H100-431-17	H100-332-17	H100-432-17
L4†	-12	2	0	189-341-07	189-441-07	189-342-07	189-442-07
L4/hk†	-12	2	0	189-341-17	189-441-17	189-342-17	189-442-17
L5†	-17	-1	0	189-351-07	189-451-07	189-352-07	189-452-07
L5/hk†	-17	-1	0	189-351-17	189-451-17	189-352-17	189-452-17
L6/hk nc	-25	-1	0	68-361-072	68-461-072	68-362-072	68-462-072
L6/hk nc w	-25	-1	0	69-361-072	69-461-072	69-362-072	69-462-072
L6/hk sl	-20	0	0	88-361-81	88-461-81	88-362-81	88-462-81
L7/hk nc	-20	-1	0	68-371-072	68-471-072	68-372-072	68-472-072
L7/hk nc w	-20	-1	0	69-371-072	69-471-072	69-372-072	69-472-072

† DENTSPLY GAC does not manufacture lower bicuspid ceramic brackets. We recommend utilizing In-Ovation R on the lower 4 and 5 bicuspids.

UR



LR

All brackets are shown at approximately 350%.

UL

LL

SELF-LIGATING BRACKETS

In-Ovation® C

Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	H100-111-00	H100-211-00	H100-112-00	H100-212-00
U2	8	9	0	H100-121-00	H100-221-00	H100-122-00	H100-222-00
U3	-2	13	4M	H100-131-00	H100-231-00	H100-132-00	H100-232-00
U3/hk	-2	13	4M	H100-131-10	H100-231-10	H100-132-10	H100-232-10
U4-5	-7	0	2D	H100-141-00	H100-241-00	H100-142-00	H100-242-00
U4-5/hk	-7	0	2D	H100-141-10	H100-241-10	H100-142-10	H100-242-10

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	2	0	H100-311-00	H100-411-00	H100-312-00	H100-412-00
L3	-11	7	2M	H100-331-00	H100-431-00	H100-332-00	H100-432-00
L3/hk	-11	7	2M	H100-331-10	H100-431-10	H100-332-10	H100-432-10
L4**	-17	-1	4D	H100-341-00	H100-441-00	H100-342-00	H100-442-00
L4/hk**	-17	-1	4D	H100-341-10	H100-441-10	H100-342-10	H100-442-10
L5**	-22	-1	4D	H100-351-00	H100-451-00	H100-352-00	H100-452-00
L5/hk**	-22	-1	4D	H100-351-10	H100-451-10	H100-352-10	H100-452-10

KITS (brackets only)	.018"	.022"
U3-3 Cuspid hk	K100-131-10	K100-332-10
U/L3-3 Cuspid hk	K100-331-10	K100-332-10
U5-5	K100-151-00	K100-152-00
U5-5 Cuspid hk	K100-151-10	K100-152-10
U5-5 Cuspid Bicuspid hk	K100-151-11	K100-152-11
U5-5/L3-3	K100-531-00	K100-532-00
U5-5/L3-3 Cuspid hk	K100-531-10	K100-532-10
U5-5/L3-3 Cuspid Bicuspid hk	K100-531-11	K100-532-11

**In-Ovation Czir lower bicuspid brackets are made from zirconia. The high strength properties of Zirconia allow the bracket to be designed with low profile tie-wings that are swept to avoid occlusal interference.

UR



LR

All brackets are shown at approximately 350%.

UL

LL

In-Ovation® C

Euro Rx

The Euro Rx has prescription values that are equivalent to the *MBT™ prescription.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	17	4	0	H100-111-80	H100-211-80	H100-112-80	H100-212-80
U2	10	8	0	H100-121-80	H100-221-80	H100-122-80	H100-222-80
U3/hk	-7	8	0	H100-131-81	H100-231-81	H100-132-81	H100-232-81
U4	-7	0	0	H100-541-80	H100-541-80	H100-542-80	H100-542-80
U4/hk	-7	0	0	H100-541-81	H100-541-81	H100-542-81	H100-542-81
U5	-7	0	0	H100-551-80	H100-551-80	H100-552-80	H100-552-80
U5/hk	-7	0	0	H100-551-81	H100-551-81	H100-552-81	H100-552-81

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-6	0	0	H100-611-80	H100-611-80	H100-612-80	H100-612-80
L3/hk	-6	3	0	H100-331-81	H100-431-81	H100-332-81	H100-432-81
L4†	-12	2	0	189-341-80	189-441-80	189-342-80	189-442-80
L4/hk†	-12	2	0	189-341-81	189-441-81	189-342-81	189-442-81
L5†	-17	2	0	189-351-80	189-451-80	189-352-80	189-452-80
L5/hk†	-17	2	0	189-351-81	189-451-81	189-352-81	189-452-81

KITS (brackets only)	.018"	.022"
U5-5/L3-3 Cuspid hk	K100-551-81	K100-552-81
U5-5/L3-3 Cuspid Bicuspid hk	K100-551-82	K100-552-82
U5-5 Cuspid Bicuspid hk	K100-151-81	K100-152-81

†DENTSPLY GAC does not manufacture lower bicuspid ceramic brackets. We recommend utilizing In-Ovation R on the lower 4 and 5 bicuspids.

* MBT is a registered trademark of 3M Unitek. All rights reserved.

UR



LR

All brackets are shown at approximately 350%.

UL

LL

- w

weldable
- hk

hook
- hkm

mesial hook
- hkd

distal hook
- htq

high torque
- ltq

low torque
- sp

surgical rx
- ob

offset base
- nc

non-convertible
- c

convertible
- sl

self-ligating

SELF-LIGATING BRACKETS

In-Ovation® C

Roncone Rx

In-Ovation C Roncone prescription features increased torque in the maxillary incisors and upper premolars, and reduced mandibular posterior torque. The prescription is based on the JSOP philosophy developed by Dr. Roncone.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	18	5	0	H100-111-60	H100-211-60	H100-112-60	H100-212-60
U2	10	8	0	H100-121-60	H100-221-60	H100-122-60	H100-222-60
U3	0	8	2M	H100-131-60	H100-231-60	H100-132-60	H100-232-60
U3/hk	0	8	2M	H100-131-61	H100-231-61	H100-132-61	H100-232-61
U4-5	-10	4	2D	H100-141-60	H100-241-60	H100-142-60	H100-242-60
U4-5/hk	-10	4	2D	H100-141-61	H100-241-61	H100-142-61	H100-242-61

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	1	0	0	H100-611-60	H100-611-60	H100-612-60	H100-612-60
L3	-3	7	2M	H100-331-60	H100-431-60	H100-332-60	H100-432-60
L3/hk	-3	7	2M	H100-331-61	H100-431-61	H100-332-61	H100-432-61
L4-5	-7	-1	2D	189-341-60	189-441-60	189-342-60	189-442-60
L4-5/hk	-7	-1	2D	189-341-61	189-441-61	189-342-61	189-442-61

KITS (brackets only)		.018"	.022"
U3-3 Cuspid hk		K100-131-61	K100-132-61
U/L3-3 Cuspid hk		K100-331-60	K100-332-60
U5-5 Cuspid Bicuspид hk		K100-151-61	K100-152-61
U5-5/L3-3 Cuspid hk		K100-531-60	K100-532-60
U5-5/L3-3 Cuspid Bicuspид hk		K100-531-61	K100-532-61

† DENTSPLY GAC does not manufacture lower bicuspid ceramic brackets. We recommend utilizing In-Ovation R on the lower 4 and 5 bicuspids.

UR



LR

All brackets are shown at approximately 350%.

UL

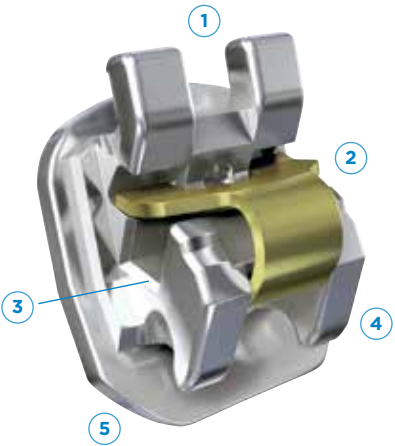
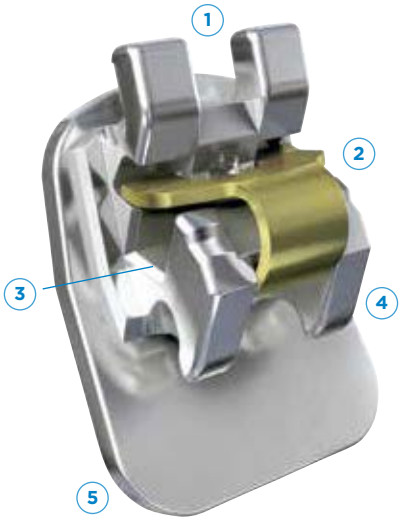
LL

In-Ovation® L and No•Trace™ Features

In-Ovation L provides the benefits of undetectable lingual mounting while resolving the difficulties of archwire changes with our easy-open, easy-close clip. An extremely low profile coupled with smooth, specially finished surfaces, maximizes comfort and offers little or no interference with speech.

For patients where the difference between an ordinary smile and an extraordinary one is only a few millimeters, the In-Ovation System introduces **No•Trace**, which provides a hidden lingual treatment by using self-ligating lingual brackets. An easy and predictable treatment, No-Trace requires minimal chair time, is extremely comfortable, requires virtually no patient compliance, and can treat minor cases in a matter of weeks. No-Trace is the tray aligner alternative that puts control of the treatment back in your hands.

- 1 True twin design
- 2 Spring clip with full slot coverage and two point contact
- 3 Triple Chamfered slot walls
- 4 Smooth swept tie-wings reduce occlusal interference
- 5 Anatomically correct base / For No-Trace only - Smaller base design for easy in-direct placement



- 6 Low profile for patient comfort and minimal gingival interference
- 7 Patented slot blocker



SELF-LIGATING BRACKETS

In-Ovation® L

In-Ovation L provides the benefits of undetectable lingual mounting while resolving the difficulties of archwire changes with our easy-open, easy-close clip. An extremely low profile coupled with smooth, specially finished surfaces, maximizes comfort and offers little or no interference with speech.

MAXILLARY				.018"	
Tooth	T	Ang	Of	R	L
U1-2	60	0	0	190-511-00	190-511-00
U3	60	0	0	190-531-00	190-531-00
U3/hk	60	0	0	190-531-10	190-531-10
U4-5	10	0	0	190-751-00	190-751-00
U6-7/hk	10	0	0	190-161-10	190-261-10

MANDIBULAR				.018"	
Tooth	T	Ang	Of	R	L
L1-2	50	0	0	190-611-00	190-611-00
L3	50	0	0	190-631-00	190-631-00
L3/hk	50	0	0	190-631-10	190-631-10
L4-5	10	0	0	190-751-00	190-751-00
L6-7/hk	0	0	0	190-361-10	190-461-10

KITS (brackets only)		.018"
U 6-6		K190-055-01
U/L 7-7		K190-055-10



All brackets are shown at approximately 350%.

No•Trace™

The No-Trace system provides a hidden lingual treatment by using self-ligating lingual brackets. An easy and predictable treatment, No-Trace requires minimal chair time, is extremely comfortable, requires virtually no patient compliance, and can treat minor cases in a matter of weeks. No-Trace is the tray aligner alternative that puts control of the treatment back in your hands.

MAXILLARY				.018"	
Tooth	T	Ang	Of	R	L
U1-2-3	60	0	0	190-511-90	190-511-90
U4	10	0	0	190-751-00	190-751-00

MANDIBULAR				.018"	
Tooth	T	Ang	Of	R	L
L1-2-3	50	0	0	190-611-90	190-611-90
L4	10	0	0	190-751-00	190-751-00

KITS (brackets only)		.018"
U/L 4-4		K190-055-00



All brackets are shown at approximately 350%.



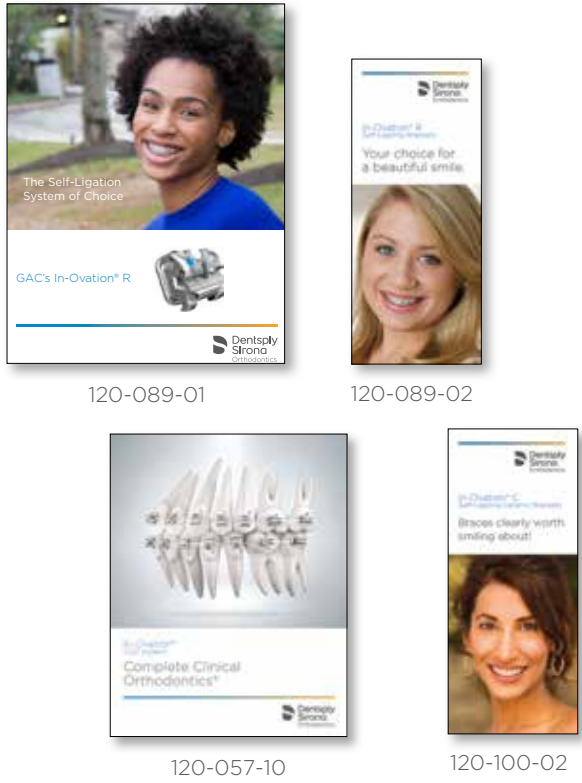
INSTRUMENTS	Reference Number
In-Ovation R Clip Opener - pack of 5	07-089-10
In-Ovation C Clip Opener - pack of 5	07-100-10
Engage R Aspel	ODG88006
Beaver Tail	ODG88001
Positioner Tool	ODG88002
R-Tool	ODG88004
Engage R	ODG88005
Engage C	ODG88008
TN3 Bracket Positioning Tool	TN3
Force Module Aspel	ODG510
Mini Scaler	GAC890
Posterior Bracket Placer	BIG JOHN 220

LITERATURE	Reference Number
In-Ovation X Doctor Brochure	120-289-01
In-Ovation X Patient Brochure - pack of 25	120-289-02
In-Ovation R Doctor Brochure	120-089-01
In-Ovation R Patient Brochure - pack of 25	120-089-02
In-Ovation R Rx Brochure	120-089-06
In-Ovation R Offset Bicuspid Sheet	120-089-07
In-Ovation R Patient Brochure - pack of 25	120-089-02
In-Ovation C Doctor Brochure	120-100-01
In-Ovation C Rx Brochure	120-100-09
In-Ovation C Patient Brochure - pack of 25	120-100-02
In-Ovation Czir Zirconia Bicuspid Sheet	120-100-11
In-Ovation L Doctor Brochure	120-090-01
No•Trace Doctor Brochure	120-090-03
No•Trace Patient Brochure - pack of 50	120-090-04
In-Ovation SL Buccal Tube Sheet	120-088-01
High Esthetic Archwire Sheet	120-002-01
In-Ovation Poster 1	120-999-01
In-Ovation Poster 2	120-999-02
In-Ovation Poster 3	120-999-03
In-Ovation Poster 4	120-999-04
No•Trace Poster	120-090-07
CCO System Brochure	120-057-03
CCO System Information Sheet	120-057-10

CONSULTATION MODELS	Reference Number
In-Ovation X	TYP289-777-77
In-Ovation R	TYP89-777-77
In-Ovation C	TYP100-777-77
In-Ovation C and In-Ovation R	TYP100-777-89
In-Ovation L	TYP90-777-77
No•Trace	TYP90-777-90

MISC.	Reference Number
In-Ovation L Archwire Template	03-999-90

Please go to www.dentsplysirona.com to view all available marketing materials.



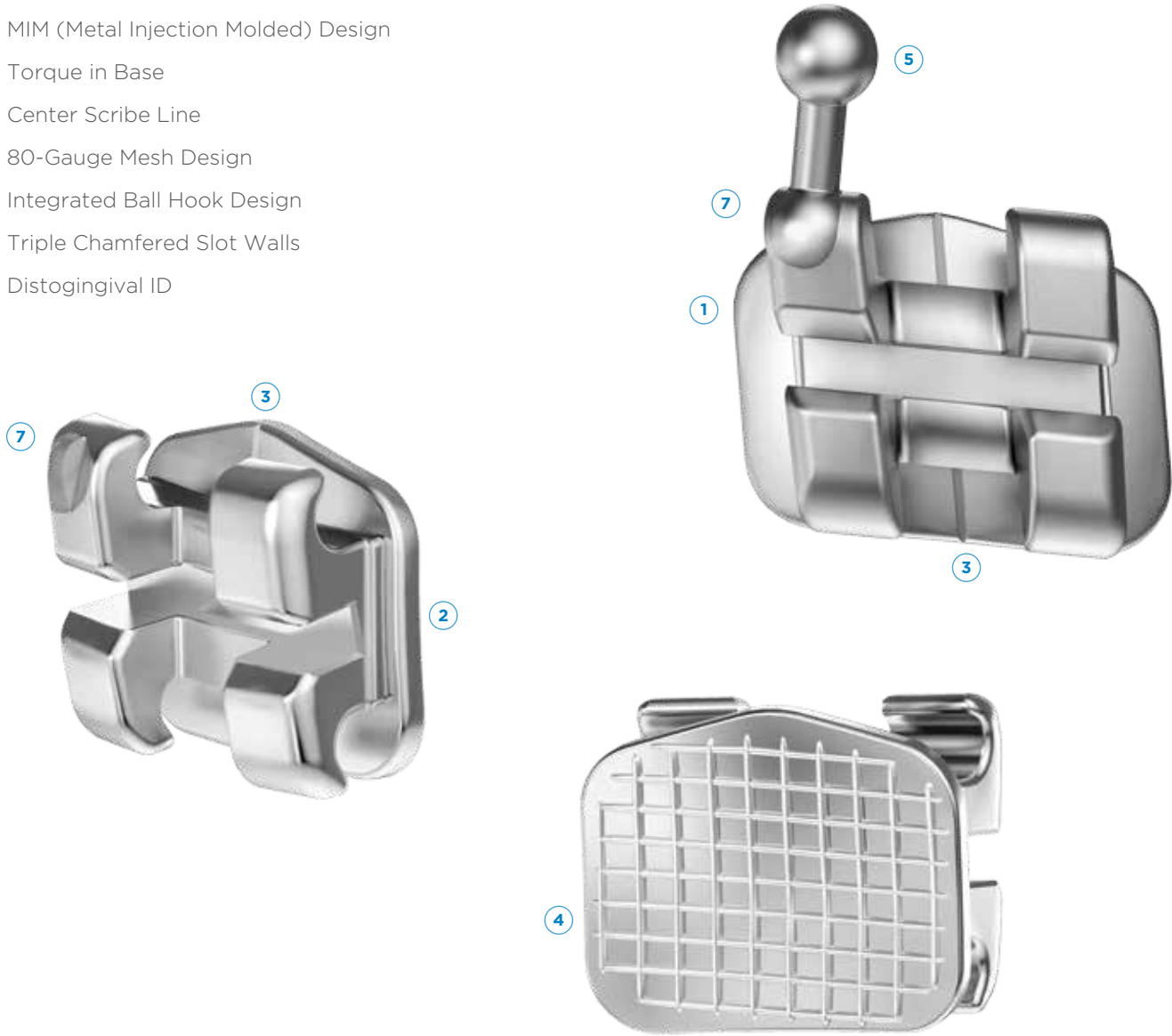
TRADITIONAL BRACKETS

OmniArch® PLUS - Addition Through Innovation

Every design enhancement to OmniArch PLUS was subjected to an exhaustive explorative process. Each idea was tested, refined and then tested again. Nothing was considered complete until it met or exceeded our exacting standards.

OmniArch PLUS is large enough for efficient usability, yet small enough for the esthetic-conscious patient. The brackets are metal injection molded, a manufacturing process that allows for incredibly intricate design elements to be reproduced with a high degree of accuracy. This means that all of the design elements and bracket programming are engineered to be as close to perfect as possible.

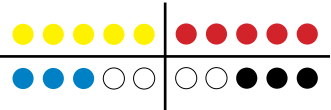
- 1 MIM (Metal Injection Molded) Design
- 2 Torque in Base
- 3 Center Scribe Line
- 4 80-Gauge Mesh Design
- 5 Integrated Ball Hook Design
- 6 Triple Chamfered Slot Walls
- 7 Distogingival ID



Bracket Identification - Color Code

A color dot is applied to the distogingival tie-wing for visual identification of tooth and quadrant.

UR	Yellow
UL	Red
LR	Blue
LL	Black



TRADITIONAL BRACKETS

OmniArch® PLUS

Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	J77-111-00	J77-211-00	J77-112-00	J77-212-00
U2	8	9	0	J77-121-00	J77-221-00	J77-122-00	J77-222-00
U3/hk	2	10	0	J77-131-10	J77-231-10	J77-132-10	J77-232-10
U4	-7	0	0	J77-541-00	J77-541-00	J77-542-00	J77-542-00
U4/hk	-7	0	0	J77-141-10	J77-241-10	J77-142-10	J77-242-10
U4-5/ob	-7	0	0	J77-541-07	J77-541-07	J77-542-07	J77-542-07
U5	-7	0	0	J77-551-00	J77-551-00	J77-552-00	J77-552-00
U5/hk	-7	0	0	J77-151-10	J77-251-10	J77-152-10	J77-252-10

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	0	0	J77-611-00	J77-611-00	J77-612-00	J77-612-00
L3/hk	-11	7	0	J77-331-10	J77-431-10	J77-332-10	J77-432-10
L4	-17	0	0	J77-641-00	J77-641-00	J77-642-00	J77-642-00
L4/hk	-17	0	0	J77-341-10	J77-441-10	J77-342-10	J77-442-10
L4/hk ob	-17	0	0	J77-641-07	J77-641-07	J77-642-07	J77-642-07
L5	-22	0	0	J77-651-00	J77-651-00	J77-652-00	J77-652-00
L5/hk	-22	0	0	J77-351-10	J77-451-10	J77-352-10	J77-452-10
L5/hk ob	-22	0	0	J77-651-07	J77-651-07	J77-652-07	J77-652-07

KITS (brackets only)	.018"	.022"
U/L 5-5 Cuspid hkm	KJ77-055-13	KJ77-055-23
U/L 5-5 Cuspid Bicuspid hkm	KJ77-055-12	KJ77-055-22

CONSULTATION MODEL	Reference Number
OmniArch PLUS	TYPJ77-777-77

UR



LR

All brackets are shown at approximately 350%.

UL

LL

OmniArch® PLUS

Euro Rx

Designed for clinicians who finish without filling the slot, our Euro prescription has additional torque in the maxillary anteriors for more upright molars. The lower molar Rx has reduced torque, so molars are more upright at finishing.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	17	4	0			J77-112-60	J77-212-60
U2	10	8	0			J77-122-60	J77-222-60
U3/hk	-7	8	0			J77-132-61	J77-232-61
U4	-7	0	0			J77-542-60	J77-542-60
U4/hk	-7	0	0			J77-142-61	J77-242-61
U5	-7	0	0			J77-552-60	J77-552-60
U5/hk	-7	0	0			J77-152-61	J77-252-61

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-6	0	0			J77-612-60	J77-612-60
L3.hk	-6	3	0			J77-332-61	J77-432-61
L4	-12	2	0			J77-342-60	J77-442-60
L4/hk	-12	2	0			J77-342-61	J77-442-61
L5	-17	2	0			J77-352-60	J77-452-60
L5/hk	-17	2	0			J77-352-61	J77-452-61

KITS (brackets only)	.018"	.022"
U/L 5-5 Cuspid hk		KJ77-055-61
U/L 5-5 Cuspid Bicuspid hk		KJ77-055-62

UR



LR

All brackets are shown at approximately 350%.

UL

LL



TRADITIONAL BRACKETS

OmniArch®
7/3 Rx

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	7	5	0	77-111-02	77-211-02	77-112-02	77-212-02
U2	3	9	0	7-121-02	77-221-02	77-112-02	77-222-02
U3	-7	10	0	77-131-02	77-231-02	77-132-02	77-232-02
U3/hk	-7	10	0	77-131-12	77-132-12	77-132-12	77-232-12
U4	-7	0	0	77-541-00	77-541-00	77-542-00	77-542-00
U4/hk	-7	0	0	77-141-10	77-241-10	77-142-10	77-242-10
U5	-7	0	0	77-551-00	77-551-00	77-552-00	77-552-00
U5/hk	-7	0	0	77-151-10	77-251-10	77-152-10	77-252-10

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	0	0	77-611-00	77-611-00	77-612-00	77-612-00
L3	-11	5	0	77-331-02	77-431-02	77-332-02	77-432-02
L3/hk	-11	5	0	77-331-12	77-431-12	77-332-12	77-432-12
L4	-17	0	0	77-641-00	77-641-00	77-642-00	77-642-00
L4/hk	-17	0	0	77-341-10	77-441-10	77-342-10	77-442-10
L5	-22	0	0	77-651-00	77-641-00	77-652-00	77-652-00
L5/hk	-22	0	0	77-351-10	77-451-10	77-352-10	77-452-10



All brackets are shown at approximately 350%.

OmniArch®
MicroProgressive Rx

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	22	5	0	77-111-70	77-211-70	77-112-70	77-212-70
U2	14	9	0	77-121-70	77-221-70	77-122-70	77-222-70
U3	7	5	0	77-131-70	77-231-70	77-132-70	77-232-70
U3/hk	7	5	0	77-131-71	77-231-71	77-132-71	77-232-71
U4-5	0	0	0	77-541-70	77-541-70		
U4-5/hk	0	0	0	77-141-71	77-241-71		

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	0	0	77-611-00	77-611-00	77-612-00	77-612-00
L3	7	5	0	77-331-70	77-431-70	77-332-70	
L3/hk	7	5	0	77-331-71	77-431-71	77-332-71	77-432-71
L4-5	0	0	0	77-641-70	77-641-70		
L4-5/hk	0	0	0	77-341-71	77-441-71		

OmniArch®
MicroProgressive Vertical Slot Rx

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	22	5	0	77-111-72	77-211-72	77-112-72	77-212-70
U2	14	9	0	77-121-72	77-221-72	77-122-72	77-222-70
U3	7	5	0	77-131-72	77-231-72	77-132-72	77-232-70
U3/hk	7	5	0	77-131-73	77-231-73	77-132-73	77-232-71
U4-5/univ	0	0	0	77-541-04	77-541-04	77-542-04	77-542-04
U4-5/htq	-7	0	0	77-541-72	77-541-72		

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	0	0	0	77-611-03	77-611-03	77-612-03	77-612-03
L3	7	5	0	77-331-72	77-431-72	77-332-72	77-432-72
L3/hk	7	5	0	77-331-73	77-431-73	77-332-73	77-432-73
L4/univ	-11	0	0	77-641-03	77-641-03	77-642-03	77-642-03
L4/htq	-11	0	0	77-641-72	77-641-72		
L5/univ	-17	0	0	77-651-03	77-651-03	77-652-03	77-653-03
L5/htq	-17	0	0	77-651-72	77-651-72		



All brackets are shown at approximately 350%.

- w

weldable
- hk

hook
- hkm

mesial hook
- hkd

distal hook
- htq

high torque
- ltq

low torque
- sp

surgical rx
- ob

offset base
- nc

non-convertible
- c

convertible
- sl

self-ligating

TRADITIONAL BRACKETS

OmniArch®

Bi-Dimensional Vertical Slot Rx

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	77-111-03	77-211-03	77-112-03	77-212-03
U2	8	9	0	77-121-03	77-221-03	77-122-03	77-222-03
U3	-2	7	0	77-131-03	77-231-03	77-132-03	77-232-03
U3	0	7	0	77-131-04	77-231-04	77-132-04	77-232-04
U3/hk	-2	7	0	77-131-13	77-231-13	77-132-13	77-232-13
U4/hk	0	0	0	77-141-14	77-241-14	77-142-14	77-242-14
U4-5	0	0	0	77-541-04	77-541-04	77-542-04	77-542-04
U4-5/hk	-7	0	0	77-141-13	77-241-13	77-142-13	77-242-13
U4-5/hk	0	0	0	77-141-14	77-241-14	77-142-14	77-242-14
U4-5/ob	-7	0	0	77-541-33	77-541-33	77-542-33	77-542-33
U4-5/ob	0	0	0	77-541-34	77-541-34	77-542-34	77-542-34

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	0	0	0	77-611-03	77-611-03	77-612-03	77-612-03
L3	-5	7	0	77-331-03	77-431-03	77-331-03	77-432-03
L3/hk	-5	7	0	77-331-13	77-431-13	77-332-13	77-432-13
L3	0	5	0	77-331-04	77-431-04	77-332-04	77-432-04
L3/hk	0	5	0	77-331-14	77-431-14	77-332-14	77-432-14
L4-5	0	0	0	77-641-04	77-641-04	77-642-04	77-642-04
L4	-11	0	0	77-641-03	77-641-03	77-642-03	77-642-03
L4/ob	-11	0	0	77-641-33	77-641-33	77-642-33	77-642-33
L4/hk	-11	0	0	77-341-13	77-441-13	77-342-13	77-442-13
L4/hk	0	0	0	77-341-14	77-441-14	77-342-14	77-442-14
L4-5/ob	0	0	0	77-641-34	77-641-34	77-642-34	77-642-34
L5	-17	0	0	77-651-03	77-651-03	77-652-03	77-652-03
L5/hk	-17	0	0	77-351-13	77-451-13	77-352-13	77-452-13
L5/ob	-22	0	0	77-351-13	77-451-13	77-352-13	77-452-13
L5/ob	-17	0	0	77-351-23	77-451-23	77-352-23	77-452-23



All brackets are shown at approximately 350%.

UL

LL

OmniArch®

Bi-Dimensional Rx Kit

.018"	.022"
Bi-Dimensional U/L 5-5, Cuspid hk	K77-055-30

OmniArch®

Cetlin Rx Kit

.018"	.022"
Cetlin U/L 5-5, Cuspid hk	K77-055-28

OmniArch®

Hasund Formula Rx

MAXILLARY				.018"	
Tooth	T	Ang	Of	R	L
U1	20	3	0	77-111-40	77-211-40
U2	14	9	0	77-121-40	77-221-40
U3	-2	6	0	77-131-40	77-231-40
U3/hk	-2	6	0	77-131-41	77-231-41
U4-5	-10	2	0	77-141-40	77-241-40

MANDIBULAR				.018"	
Tooth	T	Ang	Of	R	L
L1-2	0	0	0	77-611-40	77-611-40
L3	0	5	0	77-331-40	77-431-40
L3/hk	0	5	0	77-331-41	77-431-41
L4	-10	2	0	77-341-40	77-441-40
L5	-15	2	0	77-351-40	77-451-40



All brackets are shown at approximately 350%.

UL

LL

w
weldable

hk
hook

hkm
mesial hook

hkd
distal hook

htq
high torque

ltq
low torque

sp
surgical rx

ob
offset base

nc
non-convertible

c
convertible

sl
self-ligating

TRADITIONAL BRACKETS

OmniArch® - Weldable

Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Tooth	T	Ang	Of	.018"		.022"	
				R	L	R	L
U1	12	5	0	76-111-00	76-211-00	76-112-00	76-212-00
U2	8	9	0	76-121-00	76-221-00		
U2/hk	8	9	0			76-122-10	76-222-10
U3	2	10	0	76-131-00		76-132-00	76-232-00
U3/hk	2	10	0	76-131-10	76-231-10	76-132-10	76-232-10
U4/hk	-7	0	0	76-141-10	76-241-10	76-142-10	76-242-10
U4	-7	0	0	76-541-00	76-541-00	76-542-00	76-542-00
U5/hk	-7	0	0	76-151-10	76-251-10	76-152-10	76-252-10
U5	-7	0	0	76-551-00	76-551-00	76-552-00	76-552-00
L4/hk	-17	0	0	76-341-10	76-441-10	76-342-10	76-442-10
L4	-17	0	0	76-641-00	76-641-00	76-642-00	76-642-00
L5/hk	-22	0	0	76-351-10	76-451-10	76-352-10	76-452-10
L5	-22	0	0	76-651-00	76-651-00	76-652-00	76-652-00

VERTICAL SLOT

Tooth	T	Ang	Of	.018"		.022"	
				R	L	R	L
U4/hk	-7	0	0			76-142-13	76-242-13
U4	-7	0	0	76-541-03	76-541-03	76-542-03	76-542-03
L4/hk	-11	0	0			76-342-13	76-442-13
L4	-11	0	0	76-641-03	76-641-03	76-642-03	76-642-03
L5/hk	-17	0	0			76-352-13	76-452-13
L5	-17	0	0			76-652-03	76-652-03

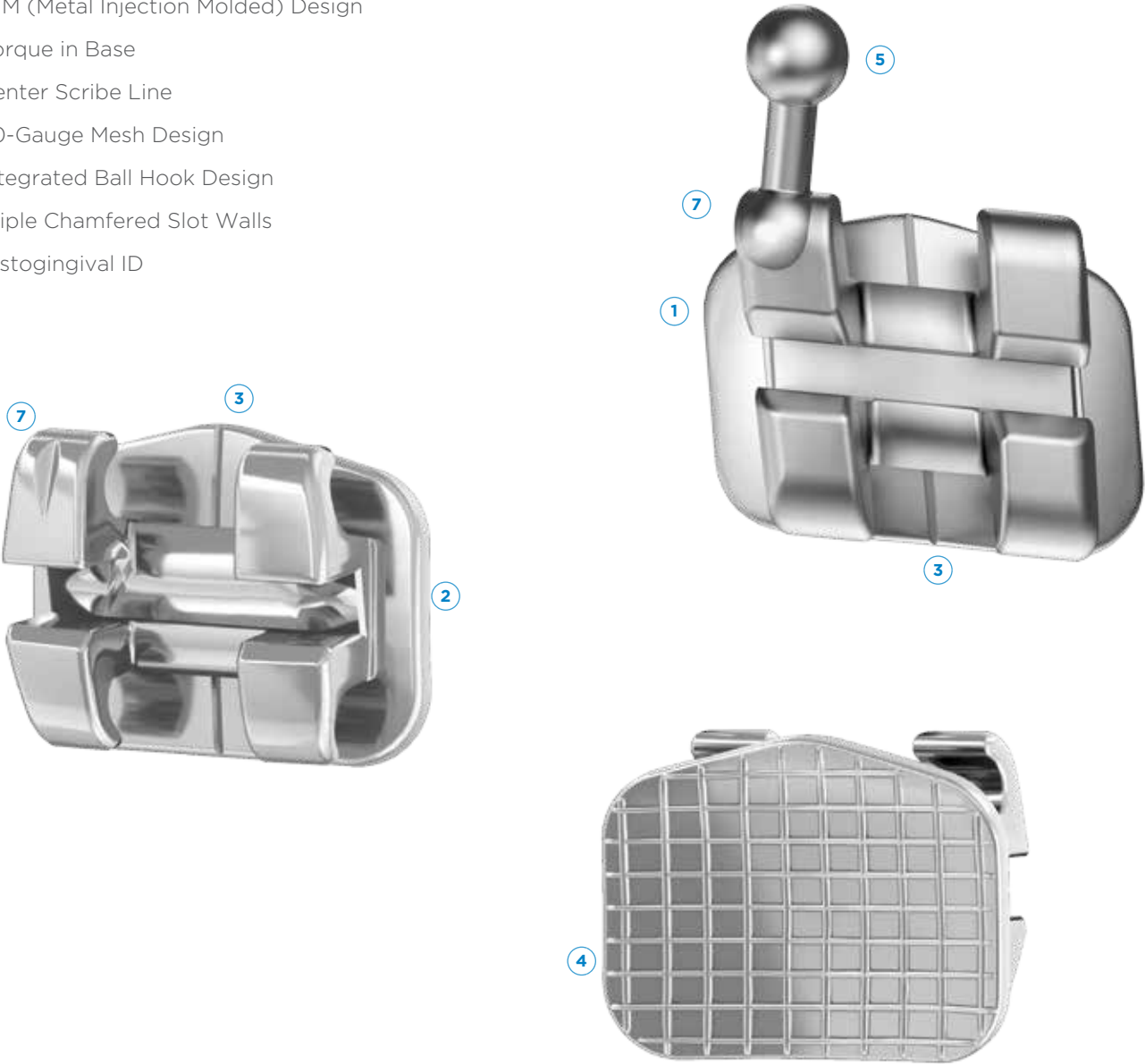
MICROPROGRESSIVE

Tooth	T	Ang	Of	.018"	
				R	L
U4-5/hk	0	0	0	76-141-71	76-241-71
U4-5	0	0	0	76-541-70	76-541-70
U4-5	-7	0	0	76-541-72	76-541-72
L4-5/hk	0	0	0	76-341-71	76-441-71
L4	-11	0	0	76-641-72	76-641-72
L4-5	0	0	0	76-641-70	76-641-70
L5	-17	0	0	76-651-72	76-651-72

MicroArch® PLUS - Insight PLUS Innovation

It might not seem possible, incrementally enhancing a bracket the size of MicroArch, but that’s what MicroArch PLUS is all about. Moving the best parts forward while leaving the rest behind. After all, that’s what leadership is all about. MicroArch PLUS takes everything you love about the trusted but dated platform and takes it to the next level. Upgrade your bracket without upending your practice with the new MicroArch PLUS.

- 1 MIM (Metal Injection Molded) Design
- 2 Torque in Base
- 3 Center Scribe Line
- 4 80-Gauge Mesh Design
- 5 Integrated Ball Hook Design
- 6 Triple Chamfered Slot Walls
- 7 Distogingival ID

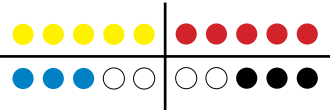


Bracket Identification - Color Code

A color dot is applied to the distogingival tie-wing for visual identification of tooth and quadrant.

Color Codes

- UR Yellow
- UL Red
- LR Blue
- LL Black



TRADITIONAL BRACKETS

MicroArch® PLUS

Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	J72-111-00	J72-211-00	J72-112-00	J72-212-00
U2	8	9	0	J72-121-00	J72-221-00	J72-122-00	J72-222-00
U3/hk	2	10	4	J72-131-10	J72-231-10	J72-132-10	J72-232-10
U4	-7	0	2	J72-141-00	J72-241-00	J72-142-00	J72-242-00
U4/hk	-7	0	2	J72-141-10	J72-241-10	J72-142-10	J72-242-10
U4-5/ob	-7	0	0	J72-541-08	J72-541-08	J72-542-08	J72-542-08
U5	-7	0	2	J72-151-00	J72-251-00	J72-152-00	J72-252-00
U5/hk	-7	0	2	J72-151-10	J72-251-10	J72-152-10	J72-252-10

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	0	0	J72-611-00	J72-611-00	J72-612-00	J72-612-00
L3/hk	-11	7	2	J72-331-10	J72-431-10	J72-332-10	J72-432-10
L4	-17	0	4	J72-341-00	J72-441-00	J72-342-00	J72-442-00
L4/hk	-17	0	4	J72-341-10	J72-441-10	J72-342-10	J72-442-10
L4/ob	-17	0	0	J72-641-08	J72-641-08	J72-642-08	J72-642-08
L5	-22	0	4	J72-351-00	J72-451-00	J72-352-00	J72-452-00
L5/hk	-22	0	4	J72-351-10	J72-451-10	J72-352-10	J72-452-10
L5/ob	-22	0	0	J72-651-08	J72-651-08	J72-652-08	J72-652-08

KITS (brackets only)	.018"
U/L 5-5 Cuspid Bicuspid hkm	KJ72-055-12

CONSULTATION MODEL	Reference Number
MicroArch PLUS	TYPJ72-777-77



All brackets are shown at approximately 350%.



All brackets are shown at approximately 350%.

MicroArch®

Euro Rx

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	17	4	0	72-111-60	72-211-60	72-112-60	72-212-60
U2	10	8	0	72-121-60	72-221-60	72-122-60	72-222-60
U3	-7	8	0	72-131-60	72-231-60	72-132-60	72-232-60
U3/hk	-7	8	0	72-131-61	72-231-61	72-132-61	72-232-61
U4	-7	0	0	72-541-60	72-541-60	72-542-60	72-542-60
U4/hk	-7	0	0	72-141-61	72-241-61	72-142-61	72-242-61
U5	-7	0	0	72-551-60	72-551-60	72-552-60	72-552-60
U5/hk	-7	0	0	72-151-61	72-251-61	72-152-61	72-252-61

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-6	0	0	72-611-60	72-611-60	72-612-60	72-612-60
L3	-6	3	0	72-331-60	72-431-60	72-332-60	72-432-60
L3/hk	-6	3	0	72-331-61	72-431-61	72-332-61	72-432-61
L4	-12	2	0	72-341-60	72-441-60	72-342-60	72-442-60
L4/hk	-12	2	0	72-341-61	72-441-61	72-342-61	72-442-61
L5	-17	2	0	72-351-60	72-451-60	72-352-60	72-452-60
L5/hk	-17	2	0	72-351-61	72-451-61	72-352-61	72-452-61

- w

weldable
- hk

hook
- hkm

mesial hook
- hkd

distal hook
- htq

high torque
- ltq

low torque
- sp

surgical rx
- ob

offset base
- nc

non-convertible
- c

convertible
- sl

self-ligating

47

TRADITIONAL BRACKETS

MicroArch® Universal Brackets

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U4-5	-7	0	0	72-541-00	72-541-00	72-542-00	72-542-00
U5	-7	0	0	72-551-00	72-551-00	72-552-00	72-552-00

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	0	0	72-611-04	72-611-04		
L4	-17	0	0	72-641-00	72-641-00	72-642-00	72-642-00
L5	-22	0	0	72-651-00	72-651-00	75-652-00	72-652-00

MicroArch® Cetlin® V-Slot Rx

Designed to complement Dr. Normal Cetlin's early molar management mechanics, this formula provides the ideal detailing to accompany the progressive molar positioning. The vertical slot accepts .014"x.014" square or .016" round.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	72-111-03	72-211-03	72-112-03	72-212-03
U2	8	9	0	72-121-03	72-221-03	72-122-03	72-222-03
U3	-2	7	0	72-131-03	72-231-03	72-132-03	72-232-03
U3/hk	-2	7	0	72-131-13	72-231-13	72-132-13	72-232-13
U4-5	-7	0	0	72-541-03	72-541-03	72-542-03	72-542-03
U4-5/ob	-7	0	0	72-541-33	72-541-33	72-542-33	72-542-33
U4-5/hk	-7	0	0	72-141-13	72-241-13	72-142-13	72-242-13

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	0	0	0	72-611-03	72-611-03	72-612-03	72-612-03
L3	-5	7	0	72-331-03	73-431-03	72-332-03	72-432-03
L3/hk	-5	7	0	72-331-13	72-431-13	72-332-13	72-432-13
L4/hk	-11	0	0	72-341-13	72-441-13	72-342-13	72-442-13
L4/ob	-11	0	0	72-641-33	72-641-33	72-642-33	72-642-33
L4/ hk ob	-11	0	0	72-341-23	72-441-23	72-342-23	72-442-23
L5/hk	-17	0	0	72-351-13	72-451-13	72-352-13	72-452-13
L5/ob	-17	0	0	72-651-33	72-651-33	72-652-33	72-652-33
L5/hk ob	-17	0	0	72-351-23	72-451-23	72-352-23	72-452-23



UR

LR

All brackets are shown at approximately 350%.

UL

LL

MicroArch® 7/3 Rx

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	7	5	0	72-111-02	72-211-02	72-112-02	72-212-02
U2	3	9	0	72-121-02	72-221-02	72-122-02	72-222-02
U2/hk	3	9	0	72-121-12	72-221-12	72-122-12	72-222-12
U3	-7	10	0	72-131-02	72-231-02	72-132-02	72-232-02
U3/hk	-7	10	0	72-131-12	72-231-12	72-132-12	72-232-12
U4	-7	0	0	72-541-00	72-541-00	72-542-00	72-542-00
U4/hk	-7	0	2D	72-141-10	72-241-10	72-142-10	72-242-10
U5	-7	0	0	72-551-00	72-551-00	72-551-00	72-552-00
U5/hk	-7	0	2D	72-151-10	72-251-10	72-152-10	72-252-10

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	0	0	72-611-00	72-611-00	72-612-00	72-612-00
L1-2/htq	-5	0	0	72-611-02	72-611-02	72-612-02	72-612-02
L1-2/hk	-1	0	0	72-311-11	72-411-11	72-312-11	72-412-11
L3	-11	5	0	72-331-02	72-431-02	72-332-02	72-432-02
L3/hk	-11	5	0	75-331-12	72-431-12	72-331-12	72-432-12
L4	-17	0	0	72-641-00	72-641-00	72-641-00	72-642-00
L4/hk	-17	0	4D	72-341-10	71-441-10	72-342-10	72-442-10
L5	-22	0	0	72-651-00	72-651-00	72-652-00	72-652-00
L5/hk	-22	0	4D	72-351-10	72-451-10	72-352-10	72-452-10

MicroArch® Canadian Rx

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	17	5	0			72-112-01	72-212-01
U2	8	9	0			72-122-00	72-222-00
U3/hk	2	10	4			72-132-10	72-232-10
U4/hk	-7	0	2D			72-142-10	72-242-10
U5/hk	-7	0	2D			72-152-10	72-252-10

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	0	0			72-612-00	72-612-00
L3/hk	-7	10	0			72-332-63	72-432-63
L4-5/hk	-11	0	0			72-342-17	72-442-17

KIT		.018"	.022
U/L 5-5 Cuspid Bicuspid hk (Standard)			K72-552-35
U/L 5-5 Cuspid Bicuspid hk (Optional)			K72-552-36

w
weldable

hk
hook

hkm
mesial
hook

hkd
distal
hook

htq
high
torque

ltq
low
torque

sp
surgical
rx

ob
offset
base

nc
non-
convertible

c
convertible

sl
self-ligating

TRADITIONAL BRACKETS

MicroArch®

Bi-Dimensional Vertical Slot Rx

The Bi-Dimensional Slot Technique, as developed by Dr. Anthony Gianelly, can reduce the complexity of treatment and overall chair time. Orthodontists report better arch form, minimum wire bending, and fewer mistakes. Lectures are given worldwide on the Bi-Dimensional technique. The vertical slot accepts .014" x .014" square or .016" round.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	72-111-03	72-211-03		
U2	8	9	0	72-121-03	72-221-03		
U3	0	7	0			72-132-04	72-232-04
U3/hk	0	7	0			72-132-14	72-232-14
U4-5	0	0	0			72-542-04	72-542-04
U4-5/hk	0	0	0			72-152-14	72-252-14

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	0	0	0	72-611-03	72-611-03		
L3	0	5	0			72-332-04	72-432-04
L3/hk	0	5	0			72-332-14	72-432-14
L4-5	0	0	0			72-642-04	72-642-04
L4-5/hk	0	0	0			72-342-14	72-442-14

MicroArch®

MicroProgressive Rx

MAXILLARY				.018"	
Tooth	T	Ang	Of	R	L
U1	22	5	0	72-111-70	72-211-70
U2	13	9	0	72-121-01	72-221-01
U2/hk	13	9	0	72-121-11	72-221-11
U3	7	5	0	72-131-70	72-231-70
U3/hk	7	5	0	72-131-71	72-231-71
U4-5	0	0	0	74-541-22	74-541-22
U4-5/hk	0	0	0	74-141-10	74-241-10

MANDIBULAR				.018"	
Tooth	T	Ang	Of	R	L
L1-2	-1	0	0	72-611-00	72-611-00
L1-2/hk	-1	0	0	72-311-11	72-411-11
L3	7	5	0	72-331-70	72-431-70
L3/hk	7	5	0	72-331-71	72-431-71
L4-5	0	0	0	74-641-22	74-641-22
L4-5	0	0	0	74-341-10	74-441-10

MicroArch®

Standard Edgewise Rx

MAXILLARY		.018"		.022"	
Tooth		R	L	R	L
U1		74-511-32	74-511-32	74-512-32	74-512-32
U2		74-521-22	74-521-22	74-522-22	74-522-22
U3		74-031-22	74-031-22	74-032-22	74-032-22
U3/hk		74-131-10	74-231-10	74-132-10	74-232-10
U4-5		74-541-22	74-541-22	74-542-22	74-542-22
U4-5/hk		74-141-10	74-241-10	74-142-10	74-242-10

MANDIBULAR		.018"		.022"	
Tooth		R	L	R	L
L1-2		74-611-12	74-611-12	74-612-12	74-612-12
L3		74-031-22	74-031-22	74-032-22	74-032-22
L3/hk		74-331-10	74-431-10	74-332-10	74-432-10
L4-5		74-641-22	74-641-22	74-642-22	74-642-22
L4-5/hk		74-341-10	74-441-10	74-342-10	74-442-10

VERTICAL SLOT - MAXILLARY		.018"		.022"	
Tooth		R	L	R	L
U1		74-311-32	74-311-32	74-312-32	74-312-32
U2		74-321-22	74-321-22	74-322-22	74-322-22
U3/hk		74-131-13	74-231-13	74-132-13	74-232-13
U4-5/hk				74-142-13	74-242-13

VERTICAL SLOT - MANDIBULAR		.018"		.022"	
Tooth		R	L	R	L
L1-2		74-391-12	74-391-12	74-392-12	74-392-12
L3/hk		74-331-13	74-431-13	74-332-13	74-432-13
L4-5				74-342-20	74-342-20

UR



LR

All brackets are shown at approximately 350%.

UL

LL



TRADITIONAL BRACKETS

MicroArch®
Single Wing

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1/twin	14	5	0	72-111-50	72-211-50	72-112-50	72-212-50
U1/hk	12	5	0	72-111-10	72-211-10	72-112-10	72-212-10
U2/twin	7	9	0	72-121-50	72-221-50	72-122-50	72-222-50
U2/hk	8	9	0	72-121-10	72-221-10	72-122-10	72-222-10
U3/lang (sw)	-3	10	0	72-131-50	72-231-50	72-132-50	72-232-50
U3/hk (sw)	-3	10	0	72-131-51	72-231-51	72-132-51	72-232-51
U4/lewis (sw)	-7	0	0	72-541-50	72-541-50	72-542-50	72-542-50
U4/hk (sw)	-7	0	0	72-541-51	72-541-51	72-542-51	72-542-51
U5/lewis (sw)	-7	0	0	72-551-50	72-551-50	72-552-50	72-552-50
U5/hk (sw)	-7	0	0	72-551-51	72-551-51	72-552-51	72-552-51
U4-5/wide (sw)	-7	0	0	72-541-53	72-541-53		
U4-5/hk wide (sw)	-7	0	0	72-541-54	72-541-54		
U4-5/ob	-7	0	0	72-541-58	72-541-58	72-542-58	72-542-58
U4-5/hk ob	-7	0	0	72-541-59	72-541-59	72-542-59	72-542-59

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2/lewis (sw)	-5	0	0	72-611-50	72-611-50	72-612-50	72-612-50
L1-2/hk (sw)	-5	0	0	72-611-51	72-611-51	72-612-51	72-612-51
L1-2/hk (sw)	-1	0	0	72-611-54	72-611-54		
L1-2 (sw)	-5	0	0	72-611-36	72-611-36		
L1-2 (sw)	-1	0	0	72-611-53	72-611-53	72-612-53	72-612-53
L2/hk (sw)	-1	6	0	72-321-54	72-421-54		
L3/lang (sw)	-7	6	0	72-331-50	72-431-50	72-332-50	72-432-50
L3/hk (sw)	-7	6	0	72-331-51	72-431-51	72-332-51	72-432-51
L3 (sw)	0	6	0	72-331-52	72-431-52		
L4/lewis (sw)	-11	0	0	72-641-50	72-641-50	72-642-50	72-642-50
L4/ob	-11	0	0	72-641-58	72-641-58	72-642-58	72-642-58
L4/hk (sw)	-11	0	0	72-641-51	72-641-51	72-642-51	72-642-51
L4/hk	-11	0	0	72-641-59	72-641-59	72-642-59	72-642-59
L5/lewis (sw)	-17	0	0	72-651-50	72-651-50	72-652-50	72-652-50
L5/ob	-17	0	0	72-651-58	72-651-58	72-652-58	72-652-58
L5/hk (sw)	-17	0	0	72-651-51	72-651-51	72-652-51	72-652-51
L5/ hk ob (sw)	-17	0	0	72-651-59	72-651-59	72-652-59	72-652-59



All brackets are shown at approximately 350%.

MicroArch®
Swing

The SWING System, varies from bracket specifications based on the diagnosis for treatment. SWING System brackets are available in the .022" slot only.

SWING CLASS 1 MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	14	5	0			72-112-84	72-212-84
U2	8	9	0			72-122-84	72-222-84
U2/hk	8	9	0			72-122-85	72-222-85
U3	0	10	0			72-132-84	72-232-84
U3/hk	0	10	0			72-132-85	72-232-85
U4	-7	0	0			72-542-60	72-542-60
U5	-7	0	0			72-552-60	72-552-60

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	2	0			72-312-84	72-412-84
L1-2/hk	-1	2	0			72-312-85	72-412-85
L3	-11	7	0			72-332-84	72-432-84
L3/hk	-11	7	0			72-332-85	72-432-85
L4	-11	0	0			72-642-60	72-642-60
L5	-17	0	2			72-352-60	72-452-60

SWING CLASS 2 MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	7	7	0			72-112-86	72-212-86
U2	3	11	0			72-112-86	72-222-86
U2/hk	3	11	0			72-122-87	72-222-87
U3	-7	7	0			72-132-86	72-232-86
U3/hk	-7	7	0			72-132-87	72-232-87
U4	-7	0	0			72-542-60	72-542-60
U5	-7	0	0			72-552-60	72-552-60

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	4	0	0			72-312-86	72-412-86
L1-2/hk	4	0	0				72-412-87
L3	-7	11	0			72-332-86	72-432-86
L3/hk	-7	11	0			72-332-87	72-432-87
L4	-11	0	0			72-642-60	72-642-60

TRADITIONAL BRACKETS

MicroArch®
Swing

SWING CLASS 3

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	21	3	0			72-112-88	72-212-88
U2	13	7	0			72-122-88	72-222-88
U2/hk	13	13	0			72-122-89	72-222-89
U3	7	13	0			72-132-88	72-232-88
U3/hk	7	13	0			72-132-89	72-232-89
U4	-7	0	0			72-542-60	72-542-60
U5	-7	0	0			72-552-60	72-552-60

MANDIBULAR

				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-10	4	0			72-312-88	72-412-88
L1-2/hk	-10	4	0			72-312-89	72-412-89
L3	-17	3	0			72-332-88	72-432-88
L3/hk	-17	3	0			72-332-89	72-432-89
L4	-11	0	0			72-642-60	72-642-60
L5	-17	-5	0			72-352-64	72-452-64

UR



LR

All brackets are shown at approximately 350%.

UL

LL

MicroArch® Options

MAXILLARY

				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	22	5	0			72-112-30	72-212-30
U2	8	9	0	72-121-80	72-221-80		
U2	17	9	0			72-122-30	72-222-30
U2/hk	17	9	0			72-122-31	72-222-31
U2	13	9	0	72-121-01	72-221-01	72-122-01	72-222-01
U2/hk	13	9	0	72-121-11	72-221-11	72-122-11	72-222-11
U3/hk x wide	2	10	4M	72-131-15	72-231-15	72-132-15	72-232-15
U3/hkm	2	10	4M	72-131-17	72-231-17	72-132-17	72-232-17
U3	0	7	4M	72-131-01	72-231-01	72-132-01	72-232-01
U3/hk	0	7	4M	72-131-11	72-231-11	72-132-11	72-232-11
U3/ tw hk	-2	10	0	72-131-56	72-231-56		
U3/hk	-7	5	0			72-132-16	72-232-16

MANDIBULAR

				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1	-5	0	0	72-661-02	72-661-02	72-612-02	72-612-02
L1-2	-1	2	0	72-311-05	72-411-05	72-312-05	72-412-05
L1-2	-10	0	0	72-611-05	72-611-05	72-612-05	72-612-05
L1/ hk	-10	2	0			72-312-66	72-412-66
L3/hk	-7	10	0			72-332-63	72-432-63
L3/tw	-7	6	0	72-331-55	72-431-55		
L3/tw/hk	-7	6	0	72-331-56	72-431-56	72-332-56	72-432-56
L4	-11	0	0	72-641-07	72-641-07	72-642-07	72-642-07
L4/hk	-11	0	0	72-341-17	72-441-17	72-342-17	72-442-17
L4	-11	-4	0	72-342-68	72-441-68	72-342-68	72-442-68
L4	-17	0	0	72-641-80	72-641-80	72-642-80	72-642-80
L4/hk	-17	0	0	72-341-81	72-441-81		72-442-81
L4	-7	0	0			72-642-04	72-642-06
L4-5	-7	0	0			72-642-83	72-642-83
L5	-17	0	0	72-651-07	72-651-07	72-652-07	72-652-07
L5/hk	-17	0	0	72-351-17	72-451-17	72-352-17	72-452-17
L5	-17	-6	0		72-451-68	72-352-68	72-452-68
L5	-22	0	0			72-652-80	72-652-80
L5/hk	-22	0	0		72-451-81		72-452-81

w
weldable

hk
hook

hkm
mesial hook

hkd
distal hook

htq
high torque

ltq
low torque

sp
surgical rx

ob
offset base

nc
non-convertible

c
convertible

sl
self-ligating

TRADITIONAL BRACKETS

MicroArch® Weldable

Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U3	2	10	0	73-131-00	73-231-00	73-132-00	73-232-00
U3/hk	2	10	0	73-131-10		73-132-10	73-232-10
U4/hk	-7	0	0	73-141-10	73-241-10	73-142-10	73-242-10
U4	-7	0	0	73-541-00	73-541-00	73-542-00	73-542-00
U4/hk	-7	0	0	73-541-54	73-541-54		
U5/hk	-7	0	0	73-152-10	73-252-10		
U5	-7	0	0	73-551-00	73-551-00		

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L3	-11	7	0	73-331-00	73-431-00		
L3/hk	-11	7	0	73-331-10	73-431-10	73-332-10	73-432-10
L4/hk	-17	0	0	73-341-10	73-441-10	73-342-10	73-442-10
L4	-17	0	0	73-641-00	73-641-00	73-642-00	73-642-00
L5/hk	-22	0	0	73-351-10	73-451-10	73-352-10	73-452-10
L5	-22	0	0	72-651-00	73-651-00	73-652-00	73-652-00

VERTICAL SLOT

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U3	-2	7	0	73-131-03	73-231-03	73-132-03	73-232-03
U3/hk	-2	7	0	73-131-13	73-231-13	73-132-13	73-232-13
U3/hk	0	7	0			73-132-14	73-232-14
U4/hk	-7	0	0	73-141-13	73-241-13	73-142-13	73-242-13
U4	-7	0	0	73-541-03	73-541-03	73-542-03	73-542-03

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L3	-5	7	0	73-331-03	73-431-03	73-332-03	73-432-03
L3/hk	-5	7	0	73-331-13	73-431-13	73-332-13	73-432-13
L4/hk	-11	0	0			73-341-13	73-441-13
L4	-11	0	0	73-641-03	73-641-03	73-642-03	73-642-03
L5/hk	-17	0	0	75-351-13	73-451-13	73-352-13	73-452-13
L5	-17	0	0	73-651-03	73-651-03	73-652-03	73-652-03

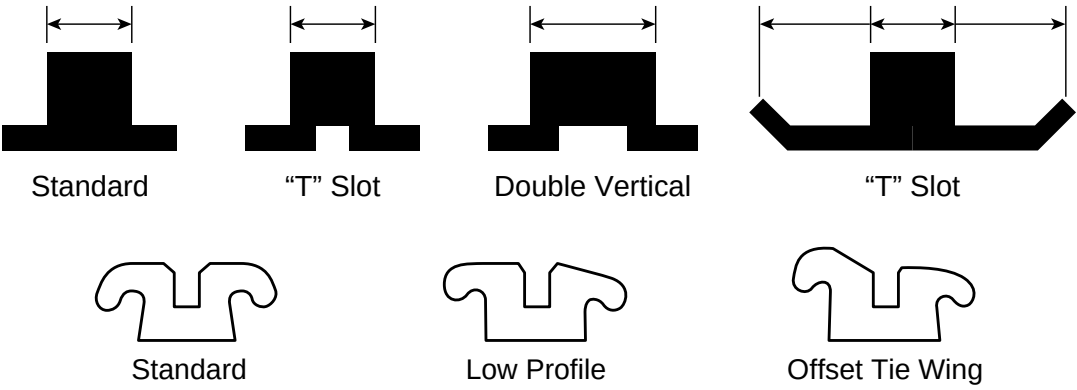
BI-DIMENSIONAL

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U4	0	0	0			73-542-04	73-542-04
U4/hk	0	0	0			73-142-14	73-242-14

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L3/hk	0	5	0			73-332-14	73-432-14
L4	0	0	0			73-642-04	73-642-04
L4/hk	0	0	0			73-342-14	73-442-14

Standard Edgewise

GAC's Standard Edgewise brackets are available both bondable and weldable. We offer single, twin, "T" slot, double ver- tical slot, Lewis and deep slot designs. In addition, many of our brackets are available with offset, wedged shaped, or low profile alternatives.



TRADITIONAL BRACKETS

Standard Edgewise - Twin Edgewise

	MAXILLARY CENTRAL	mm	.018"	.022"
	Extra Wide Twin	4.0	37-211-42	37-212-42
	Wide Twin	3.2	37-211-32	37-212-32
	Medium Twin	2.6		37-212-22
	LATERAL	mm	.018"	.022"
	Wide Twin	3.2	37-221-32	37-222-32
	Medium Twin	2.6	37-221-22	37-222-22
	UPPER/LOWER CUSPID	mm	.018"	.022"
	Wide Twin	3.2	37-231-32	37-232-32
	Medium Twin	2.6	37-231-22	37-232-22
	Narrow Twin	2.1	37-231-12	37-232-12
	Narrow, Low Profile		37-231-10	37-232-10
	Medium, Low Profile		37-231-20	37-232-20
	UPPER/LOWER CUSPID WITH HOOK	mm	.018"	.022"
	Wide Post, UR/LL		37-234-33	37-236-33
	Wide Post, UL/LR		37-235-33	37-237-33
	UPPER BICUSPID	mm	.018"	.022"
	Offset Wing, Wide	3.2	37-251-31	37-252-31
	Offset Wing, Medium	2.6	37-251-21	37-252-21
	Offset Wing, Narrow	2.1	37-251-11	37-252-11
	Narrow		37-241-12	37-242-12
	Medium		37-241-22	37-242-22
	Wide			37-242-32
	UPPER/LOWER MOLAR	mm	.018"	.022"
	Extra Wide	4.0	37-281-42	37-282-42
	Wide	3.2	37-281-32	37-282-32
	LOWER ANTERIOR	mm	.018"	.022"
	Low Profile, Narrow Twin	2.1	37-261-10	37-262-10
	Low Profile, Medium Twin	2.6	37-261-20	37-262-20
	Standard, Narrow Twin	2.1	37-291-12	37-292-12
	Standard, Medium Twin	2.6	37-291-22	37-292-22
	LOWER BICUSPID	mm	.018"	.022"
	Low Profile, Wide	3.2	37-251-30	
	Low Profile, Medium	2.6	37-251-20	37-252-20
	Low Profile, Medium, Kidney Base	2.6	37-241-21	37-242-21
	Low Profile, Narrow	2.1	37-251-10	37-252-10

Standard Edgewise - .018" x .018" Vertical Slot

	MAXILLARY CENTRAL	mm	.018"	.022"
	Extra Wide Twin	4.0	37-311-42	37-312-42
	Wide Twin	3.2	37-311-32	37-312-32
	LATERAL	mm	.018"	.022"
	Medium Twin	2.6	37-321-22	37-322-22
	UPPER/LOWER CUSPID	mm	.018"	.022"
	Wide Twin	3.2	37-331-32	37-332-32
	Medium Twin	2.6	37-331-22	37-332-22
	UPPER/LOWER CUSPID WITH HOOK	mm	.018"	.022"
	Wide Post, UR			37-336-32
	Wide Post, UL			37-337-32
	UPPER BICUSPID	mm	.018"	.022"
	Offset Wing	2.6	37-351-21	37-352-21
No Image Available	UPPER CUSPID WITH HOOK	mm	.018"	.022"
	Wide Post, Upper Right			37-346-32
	Wide Post, Upper Left			37-347-32
	UPPER/LOWER MOLAR	mm	.018"	.022"
	Extra Wide	4.0	37-381-42	37-381-42
	Wide	3.2	37-381-32	37-382-32
	LOWER ANTERIOR	mm	.018"	.022"
	Low Profile, Medium Twin	2.6	37-361-20	37-392-20
	Low Profile, Narrow Twin	2.1	37-361-10	37-362-10
	Standard, Medium Twin	2.6	37-391-22	37-392-22
	Standard, Narrow Twin	2.1	37-391-12	37-392-12
	LOWER BICUSPID	mm	.018"	.022"
	Low Profile, Medium Twin	2.6	37-351-20	37-352-20
	Standard, Medium Twin	2.6	37-341-22	37-342-22
	Standard, Wide Twin	3.2	37-341-32	37-342-32
	Standard, Narrow Twin		37-341-12	37-342-12

TRADITIONAL BRACKETS

Standard Edgewise - Single Vertical Slot



CENTRAL	mm	.018"	.022"
Extra Wide	2.6	37-112-42	
Wide	2.0	37-111-32	37-112-32



LATERAL	mm	.018"	.022"
Extra Wide	2.6		37-122-42
Wide	2.0	37-121-32	37-122-32



CUSPID	mm	.018"	.022"
Extra Wide	2.6		37-132-42
Wide	2.0	37-131-32	37-132-32
Narrow	1.3	37-131-12	



BICUSPID	mm	.018"	.022"
Wide, Low Profile	2.0	37-151-30	37-152-30
Narrow, Standard	1.3	37-141-12	37-142-12
Wide, Standard	2.0	37-141-32	37-142-32



LOWER ANTERIOR	mm	.018"	.022"
Trapezoid	1.3	37-161-10	37-162-10
Narrow, Standard	1.3	37-191-12	37-192-12
Wide, Low Profile	2.0	37-161-30	37-162-30
Extra Wide, Standard	2.6		37-192-42

Standard Edgewise - .018" x .018" Vertical Slot



MAXILLARY	mm	.018"	.022"
Central/Lateral Medium	5.0	37-521-22	37-522-22



UPPER/LOWER CUSPID	mm	.018"	.022"
Medium Lewis	5.0	37-531-22	37-532-22
Medium Land	6.5	37-531-24	



UPPER/LOWER BICUSPID	mm	.018"	.022"
Offset Wing, Medium	5.0	37-541-21	37-542-21
Standard, Medium	5.0	37-541-22	37-542-22

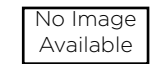


LOWER ANTERIOR	mm	.018"	.022"
Standard, Narrow	4.0	37-591-12	37-592-12
Low Profile, Narrow	4.0	37-561-10	37-562-10
Standard, Medium	5.0	37-591-22	

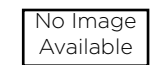


STANDARD EDGEWISE-ACCUPOINT	REFERENCE NUMBER - .030"		
Flat U/L 1-2	37-090-89		
Curved 3-4-5	37-030-89		

Standard Edgewise - V-Slot Lewis



MAXILLARY CENTRAL	mm	.018"	.022"
Narrow	4.0	37-691-12	37-692-12



UPPER/LOWER CUSPID	mm	.018"	.022"
Medium	5.0	37-631-22	37-632-22
Narrow	4.0	37-631-12	37-632-12



UPPER/LOWER BICUSPID	mm	.018"	.022"
Medium	5.0	37-641-22	37-642-22
Narrow	4.0	37-641-12	37-642-12



LOWER BICUSPID ANTERIOR	mm	.018"	.022"
Standard, Narrow	4.0	37-691-12	37-692-12
Low Profile, Narrow	4.0	37-661-10	37-662-10

Standard Edgewise - Double Vertical Slot (.040" x .020")



MAXILLARY CENTRAL	mm	.018"	.022"
Single, Wide	2.3		37-812-32



UPPER/LOWER CUSPID	mm	.018"	.022"
Standard, Medium	2.6	37-431-22	37-432-22
Single, Wide	2.3		37-832-32
Standard, Wide	3.2	37-431-32	37-432-32



UPPER/LOWER BICUSPID	mm	.018"	.022"
Standard, Medium	2.6	37-441-22	37-442-22
Single, Wide	2.3		37-842-32



LOWER ANTERIOR	mm	.018"	.022"
Low Profile, Narrow	2.1	37-491-10	37-492-10
Standard, Narrow	2.1	37-491-12	37-492-12

TRADITIONAL BRACKETS

Ovation® and Mini Ovation® Brackets

Ovation and Mini Ovation are completely programmed, four dimensional brackets that combine MIM and Computer Numerator Controlled (CNC) Milling. MIM allows the smaller design with greater strength and full compound contouring of the bases; while the CNC milling ensures a highly consistent and accurate slot.

- 1 Distogingival raised and colored identification
- 2 Ball post for sure engagement of elastics and Sentalloy® coils
- 3 Central scribe line for long axis of clinical crown
- 4 Rectangular base to facilitate horizontal placement
- 5 Wider entryway for earlier insertion of larger wires
- 6 CNC milled slot for precision and sliding
- 7 MIM for intricate designs
- 8 Rectangular base to facilitate horizontal placement
- 9 Raised gingival tie-wing for easier ligation and less irritation
- 10 30% smaller rhomboid shape. Torque in base design
- 11 Tie-wings follow the long axis of the tooth



Ovation®

Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	82-111-00	82-211-00	82-112-00	82-212-00
U1 x trq	17	5	0	082-111-01	82-211-01	82-112-01	82-212-01
U2	8	9	0	82-121-00	82-221-00	82-122-00	82-222-00
U2 x trq	10	9	0	82-121-01	82-221-01	82-122-01	82-222-01
U3	-2	13	4M	82-131-00	82-231-00	82-132-00	82-232-00
U3 x trq	3	9	4M	82-131-01	82-231-01	82-132-01	82-232-01
U3 sx Rx	-2	9	4M	82-131-06	82-231-06	82-132-06	82-232-06
U3/hook	-2	13	4M	82-131-10	82-231-10	82-132-10	82-232-10
U3/hk x trq	3	13	4M	82-131-11	82-231-11	82-132-11	82-232-11
U3/hk sp	-2	9	4M	82-131-16	82-231-16	82-132-16	82-232-16
U4-5	-7	0	2D	82-141-00	82-241-00	82-142-00	82-242-00
U4-5	-7	0	2D	82-141-10	82-241-10	82-142-10	82-242-10

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	2	0	82-311-00	82-411-00	82-312-00	82-412-00
L3	-11	7	2M	82-331-00	82-431-00	82-332-00	82-432-00
L3/hk	-11	7	2M	82-331-10	82-431-10	82-332-10	82-432-10
L4	-17	-1	4D	82-341-00	82-441-00	82-342-00	82-442-00
L4/hk	-17	-1	4D	82-341-10	82-441-10	82-342-10	82-442-10
L5	-22	-1	4D	82-351-00	82-451-00	82-352-00	82-452-00
L5/hk	-22	-1	4D	82-351-10	82-451-10	82-352-10	82-452-10

KITS (brackets only)		.018"	.022"
U/L 5-5 Cuspid Bicuspid hk			K82-055-22
U/L 5-5 Cuspid Bicuspid Mesial hk			K82-055-24
U/L 5-5 SP Cuspid Bicuspid hk			K82-055-26

CONSULTATION MODEL	Reference Number
Ovation	TYP85-777-77



All brackets are shown at approximately 350%.

TRADITIONAL BRACKETS

Mini Ovation®

Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Ovation is also available in “mini” brackets compatible with the Ovation technique. The rhomboid shape allows a smaller footprint and better esthetics, while still producing Ovation true straight wire results.

- 30% Smaller
- Completely Programmed
- Rhomboid Shape

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	85-111-00	85-211-00	85-112-00	85-212-00
U2	8	9	0	85-121-00	85-221-00	85-122-00	85-222-00
U3	-2	13	4M	85-131-00	85-231-00	85-132-00	85-232-00
U3/sx Rx	-2	9	4M	85-131-06	85-231-06	85-132-06	85-232-06
U3/hk	-2	13	4M	85-131-10	85-231-10	85-132-10	85-232-10
U3/hk sx Rx	-2	9	4M	85-131-16	85-231-16	85-132-16	85-232-16
U4-5	-7	0	2D	85-141-00	85-241-00	85-142-00	85-242-00
U4/hkm	-7	0	2D	85-141-90	85-241-90	85-142-90	85-242-90

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	-1	2	0	85-311-00	85-411-00	85-312-00	85-412-00
L1-2	-5	2	0	85-311-02	85-411-02	85-312-02	85-412-02
L3	-11	7	2M	85-331-00	85-431-00	85-332-00	85-432-00
L3/hk	-11	7	2M	85-331-10	85-431-10	85-332-10	85-432-10
L4/ob	-17	-1	4D	85-341-00	85-441-00	85-342-00	85-442-00
L4/hk ob	-17	-1	4D	85-341-10	85-441-10	85-342-10	85-442-10
L4/hk ob	-17	-1	4D	85-341-14	85-441-14	85-342-14	85-442-14
L5/ob	-22	-1	4D	85-351-00	85-451-00	85-352-00	85-452-00
L5/hk ob	-22	-1	4D	85-351-10	85-451-10	85-352-10	85-452-10
L5/hk	-22	-1	4D	85-351-14	85-451-14	85-352-14	85-452-14

KITS (brackets only)		.018"	.022"
U/L 5-5 Cuspid Mesial hk		K85-055-23	
U/L 5-5 Cuspid Bicuspid Mesial hk		K85-055-24	

CONSULTATION MODEL	Reference Number
Mini Ovation	TYP85-777-77

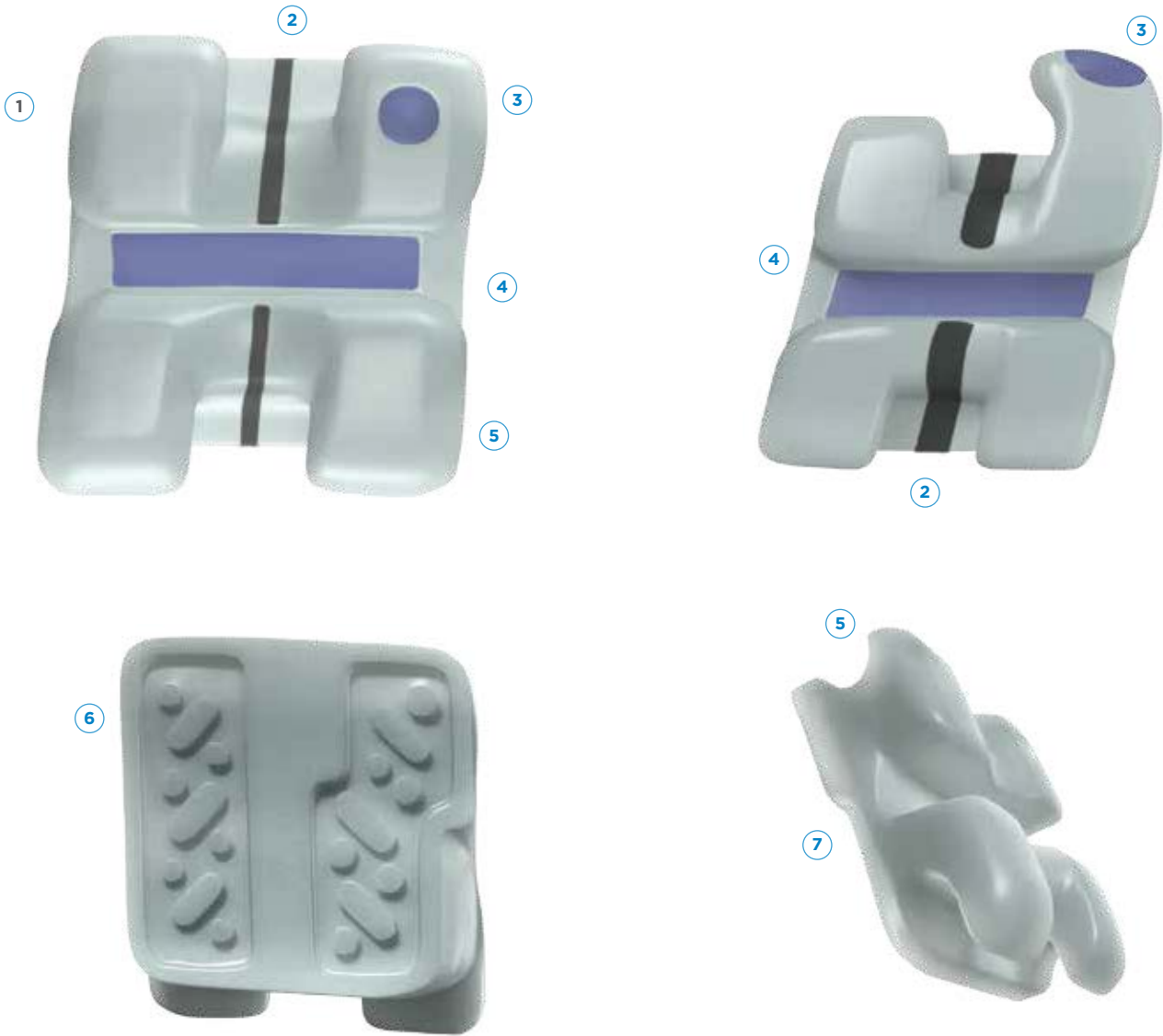


ESTHETIC BRACKETS

Ovation® C

The Ovation C bracket is our most advanced, traditional ceramic bracket. Engineered to deliver precision and control, Ovation C esthetically acclimates to its environment while offering optimal stain resistance. With a durability that defies ceramics, Ovation C brackets are strong enough to rebond as needed. All while delivering the predictable results you want, the patient comfort you expect and the esthetics you demand. It’s everything you’ve come to expect from a GAC bracket.

- 1 Rhomboid Shape
- 2 Center Scribe Line
- 3 Distogingival dimple/color ID
- 4 Triple Chamfered Slot Walls
- 5 Smooth Swept Tie-Wings
- 6 100% Mechanical Base
- 7 Debonding Indent



ESTHETIC BRACKETS

Ovation® C
Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	310-111-00	310-211-00	310-112-00	310-212-00
U2	8	9	0	310-121-00	310-221-00	310-122-00	310-222-00
U3	8	9	4M	310-131-00	310-231-00	310-132-00	310-232-00
U3/hk	-2	13	4M	310-131-10	310-231-10	310-132-10	310-232-10
U3/hk	-2	9	4M	310-131-16	310-231-16	310-132-16	310-232-16
U4-5	-7	0	0	310-541-00	310-541-00	310-542-00	310-542-00
U4-5/hk	-7	0	0	310-541-10	310-541-10	310-542-10	310-542-10

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	0	0	0	310-611-00	310-611-00	310-612-00	310-612-00
L3	-11	7	0	310-331-00	310-431-00	310-332-00	310-432-00
L3/hk	-11	7	0	310-331-10	310-431-10	310-332-10	310-432-10

KITS (brackets only)		.018"	.022"
U/L 5-5, Cuspid hk		K310-151-10	K310-152-10
U/L 5-5, Cuspid hkm on BC		K310-151-11	K310-152-11
U5-5/L3-3 Cuspid hk		K310-531-10	K310-532-10
U5-5/L3-3 Cuspid Bicuspid hk		K310-531-11	K310-532-11

CONSULTATION MODEL	Reference Number
Ovation C	TYP310-777-77



Ovation® C
Euro Rx

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	17	4	0	310-111-80	310-211-80	310-112-80	310-212-80
U2	10	8	0	310-121-80	310-221-80	310-122-80	310-222-80
U3/hk	-7	8	0	310-131-81	310-213-81	310-122-80	310-232-81

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1&2	-6	0	0	310-661-80	310-661-80	310-612-80	310-312-80
L3/hk	-6	3	0	310-331-81	310-431-81	310-332-81	310-432-81
L4&5	-7	0	0	310-541-80	310-541-80	310-542-80	310-542-80

KITS (brackets only)		.018"	.022"
U5-5 Cuspid hk		K310-151-80	K310-152-80
U5-5/L3-3 Cuspid hk		K310-531-80	K310-532-80



ESTHETIC BRACKETS

Elation™ MB

Elation MB's insert flows around the wire, which is designed to lower friction, as the wire touches the insert only at four small points at the polymeric wall. The steel in the slot is designed to translate the torque through the base without the usual distortion or give of plastic and other polymeric materials. Unlike inserts which only line the slot wall, Elation MB's unique slot is placed within the body to strengthen the whole bracket, not just the slot. This placement also makes the steel insert harder to see, creating a more esthetic appearance. Elation MB works effectively with our NeoBond® adhesive; however, you can expect the same level of effectiveness from any light cure or chemical cure GAC adhesive. Elation MB can be utilized with any archwire. However, for a total esthetic solution appliance we recommend GAC High Esthetic Wires.

- 1 Polymeric strength resists discoloration and erosion
- 2 Color code ID for easy bracket identification
- 3 Nearly invisible steel insert
- 4 Tested and proven mechanical lock base

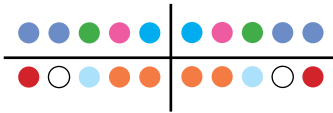


Bracket Identification - Color Code

A color dot is applied to the distolingival tie-wing for visual identification of tooth and quadrant.

Color Codes

CN	Blue
LT	Pink
UCS	Green
UBC	Purple
AN	Orange
LCS	Light Blue
LBC1	White
LBC2	Red



Elation™ MB

Base Rx

Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

MAXILLARY				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
U1	12	5	0	133-111-60	133-211-60	133-112-60	133-212-60
U2	8	9	0	133-121-60	133-221-60	133-122-60	133-222-60
U3	0	10	4M	133-131-60	133-231-60	133-132-60	133-232-60
U3/hk	0	10	4M	133-131-61	133-231-61	133-132-61	133-232-61
U4-5	-7	0	2D	133-541-60	133-541-60	133-542-60	133-542-60
U4-5/hk	-7	0	2D	133-541-61	133-541-61	133-542-61	133-542-61

MANDIBULAR				.018"		.022"	
Tooth	T	Ang	Of	R	L	R	L
L1-2	0	0	0	133-611-60	133-611-60	133-612-60	133-612-60
L3	-11	7	1M	133-331-60	133-431-60	133-332-60	133-432-60
L3/hk	-11	7	1M	133-331-61	133-431-61	133-332-61	133-432-61
L4	-17	0	4D	133-641-60	133-641-60	133-642-60	133-642-60
L4/hk	-17	0	4D	133-641-61	133-641-61	133-642-61	133-642-61
L5	-22	0	4D	133-651-60	133-651-60	133-652-60	133-652-60
L5/hk	-22	0	4D	133-651-61	133-651-61	133-652-61	133-652-61

KITS (brackets only)		.018"	.022"
UL5-5 Cuspid hk		KIT133-551-61	KIT133-552-61
UL5-5 Cuspid & BC hk		KIT133-551-62	KIT133-552-62

CONSULTATION MODEL	Reference Number
Elation MB	TYP133-777-77

UR



LR



All brackets are shown at approximately 350%.

UL

LL

Bracket Accessories

INSTRUMENTS

	Reference Number
Direct Bond Bracket Tweezer	ODG-500
Posterior Bracket Placer	BIG JOHN 220
Direct Bond Adhesive Remover (Sickle Style)	ODG-505
Direct Bond Adhesive Remover (Curette Style)	ODG-506
Positive Positioner	ODG-522
Dontrix	ODG-502 (4 oz)
	ODG-503 (16 oz)

LITERATURE

	Reference Number
OmniArch PLUS Doctor Brochure	120-J77-01
OmniArch PLUS Patient Brochure - pack of 25	120-J77-02
MicroArch PLUS Doctor Brochure	120-J72-01
MicroArch PLUS Patient Brochure - pack of 25	120-J72-02
Ovation C Doctor Brochure	120-310-01
Ovation C Patient Brochure - pack of 25	120-310-02
Elation MB Sheet	120-133-01

CONSULTATION MODELS

	Reference Number
OmniArch PLUS	TYPJ77-777-77
MicroArch PLUS	TYPJ72-777-77
Ovation C	TYP310-777-77
Elation MB	TYP133-777-77



OmniArch PLUS



Ovation C



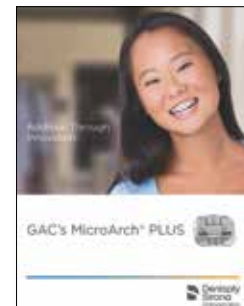
MicroArch PLUS



120-J77-01



120-J77-02



120-J72-01



120-J72-02

Eruption Appliance

After bonding the hook to an impacted tooth, attach an elastic thread to the end of the chain. Movement of the tooth is measured by counting the links of the chain as they become exposed. The low profile of the hook minimizes irritation.

Description

	Reference Number
Eruption Appliance	17-000-10
Eruption Appliance, Eyelet	17-001-10
Eruption Appliance, U-FLEX	17-100-50
U-FLEX Loop	30-000-10



GAC Bands



SECTION CONTENTS

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74 Snap-Fit Molar Bands

75 Ideal Molar Bands

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77 Snap-Fit Bicuspid Bands

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78 Snap-Fit Anterior Bands

78 Band Material & Instruments

Selecting the proper orthodontic band is crucial in the corrective process. At GAC we understand how crucial the bands are in the anchorage function, and we offer a comprehensive line of orthodontic brackets that are guided by these criteria.

- Ease and accuracy of placement
- Elasticity
- Contours to the anatomy of the tooth
- Hand-polished finish
- Either acid-etched or micro-etched properties that enhance retention to the tooth
- Convenient labeling system laser-etched onto the surface

GAC offers three categories of Bands – Snap-Fit, Ideal Molar, and Ovation. Please refer the guide below for band identification:

SNAP-FIT MOLAR BANDS
First Molar Example
U L 1
Coding Information
"U" indicates upper, "L" indicates lower
"L" indicates left, "R" indicates right
"1" indicates size: 1 - 32



IDEAL MOLAR BANDS
First Molar Example
5 L L
Coding Information
"5" indicates size: 5 - 38
"U" indicates upper, "L" indicates lower
"L" indicates left, "R" indicates right



OVATION BANDS
First Molar Example
U L 6 1
Coding Information
"U" indicates upper, "L" indicates lower
"L" indicates left, "R" indicates right
"6" indicates first molar
"1" indicates size: 1 - 32



SNAP-FIT BICUSPID BANDS
Upper Example
U 1
Coding Information
"U" indicates upper
"1" indicates size: 1 - 32



SNAP-FIT CUSPID BANDS
Cuspid Example
U L 1
Coding Information
"U" indicates upper, "L" indicates lower
"L" indicates left, "R" indicates right
"1" indicates size: 0 - 16



SNAP-FIT ANTERIOR BANDS
Cuspid Example
U L 9
Coding Information
"U" indicates upper, "L" indicates lower
"L" indicates left, "R" indicates right
"9" indicates size: 0 - 24



Second Molar Example
S U L 1
Coding Information
"S" indicates second molar
"U" indicates upper, "L" indicates lower
"L" indicates left, "R" indicates right
"1" indicates size: 1 - 30



Second Molar Example
1 S U L
Coding Information
"1" indicates size: 1 - 32
"S" indicates second molar
"U" indicates upper, "L" indicates lower
"L" indicates left, "R" indicates right



Lower First Example
L 1
Coding Information
"L" indicates lower
"1" indicates size: 1 - 25



Lower Second Example
32 L
Coding Information
"1" indicates size: 6 - 32
"L" indicates lower



Snap-Fit Molar Bands

- Improved morphology, greater elasticity and memory
- Graduated, proportional sizes (maxillary and mandibular; left and right)
- Plain or pre-welded assemblies with Micro-MIM buccal tubes
- Available individually or in kits
- Permanent ID with patented Electro Chemical Etch process
- Interiors acid-etched to increase bond strength



Upper First Molar (Plain) Kits	Reference Number
Starter: 50 Assorted Bands, 13 Sizes	KIT26-050-16
Intro: 100 Assorted Bands, 32 Sizes	KIT26-100-16
Standard: 200 Assorted Bands, 32 Sizes	KIT26-200-16
Master: 400 Assorted Bands, 32 Sizes	KIT26-400-16

Upper Second Molar (Plain) Kits	Reference Number
Starter: 50 Assorted Bands, 13 Sizes	KIT26-050-17
Intro: 100 Assorted Bands, 30 Sizes	KIT26-100-17
Standard: 200 Assorted Bands, 30 Sizes	KIT26-200-17
Master: 400 Assorted Bands, 30 Sizes	KIT26-400-17

Snap-Fit First Molar Kit Distribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32
Starter											1	2	2	2	2	2	2	2	2	2	2	2	2									
Intro	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
Standard	1	1	1	1	2	2	2	3	4	4	4	5	5	6	6	6	6	6	6	5	5	4	3	2	2	2	1	1	1	1	1	1
Master	1	1	1	2	2	2	4	4	6	6	8	10	10	12	14	16	16	16	14	12	10	8	6	4	4	2	2	2	2	1	1	1

Snap-Fit Second Molar Kit Distribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32
Starter											1	2	2	2	2	2	2	2	2	2	2	2	2									
Intro	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	
Standard	1	1	1	2	2	2	2	3	4	4	4	5	5	6	6	6	6	6	6	5	5	4	3	2	2	2	2	1	1	1	1	
Master	1	1	1	2	2	2	4	4	6	6	8	10	10	12	14	16	16	16	16	12	10	8	6	4	4	2	2	2	2	1		

Ideal Molar Bands

- Adapt to contour as they are positioned; easier to re-contour than Snap-Fit
- Edge hardness prevents edge or crown-height crushing
- Sizes 5-38 for 1st molars; sizes 1-32 for 2nd molars; contoured for left and right
- Available individually or in kits
- Permanent ID with patented Electro Chemical Etch process
- Interiors acid-etched to increase bond strength



Upper First Molar (Plain) Kits	Reference Number
Starter: 50 Assorted Bands, 13 Sizes	KIT16-050-11
Intro: 100 Assorted Bands, 34 Sizes	KIT16-100-11
Standard: 200 Assorted Bands, 34 Sizes	KIT16-200-11
Master: 400 Assorted Bands, 34 Sizes	KIT16-400-11

Upper Second Molar (Plain) Kits	Reference Number
Starter: 50 Assorted Bands, 13 Sizes	KIT16-050-17
Intro: 100 Assorted Bands, 32 Sizes	KIT16-050-17
Standard: 200 Assorted Bands, 32 Sizes	KIT16-050-17
Master: 400 Assorted Bands, 32 Sizes	KIT16-050-17

Ideal First Molar vDistribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32	33	34	35	36	37
Starter													1	2	2	2	2	2	2	2	2	2	2	2	2												
Intro					1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
Standard					1	1	1	1	2	2	3	4	4	4	5	6	6	6	6	6	6	5	5	4	4	3	3	2	1	1	1	1	1	1	1	1	1
Master					2	2	2	2	4	4	6	8	8	8	10	12	12	12	12	12	12	10	10	8	8	6	6	4	2	2	2	2	2	2	2	2	2

Ideal Second Molar Kit Distribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32	33	34	35	36	37
Starter													1	2	2	2	2	2	2	2	2	2	2	2	2												
Intro					1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
Standard					1	1	1	1	2	2	3	4	4	4	5	6	6	6	6	6	6	5	5	4	4	3	3	2	1	1	1	1	1	1	1	1	1
Master					2	2	2	2	4	4	6	8	8	8	10	12	12	12	12	12	12	10	10	8	8	6	6	4	2	2	2	2	2	2	2	2	2

Ovation Molar Bands

- Designed with a shorter crown height
- Soft contour and easier sizing make placement and adaptation simple
- Sizes 1-32 for first molars, and available individually or in kits
- Permanent ID with patented Electro Chemical Etch process
- Interiors acid-etched to increase bond strength



Upper First Molar (Plain) Kits	Reference Number
Starter: 50 Assorted Bands, 13 Sizes	KIT36-050-16
Intro: 100 Assorted Bands, 32 Sizes	KIT36-100-16
Standard: 200 Assorted Bands, 32 Sizes	KIT36-200-16
Master: 400 Assorted Bands, 32 Sizes	KIT36-400-16

Lower First Molar (Plain) Kits	Reference Number
Starter: 50 Assorted Bands, 13 Sizes	KIT36-050-26
Intro: 100 Assorted Bands, 30 Sizes	KIT36-100-26
Standard: 200 Assorted Bands, 30 Sizes	KIT36-200-26
Master: 400 Assorted Bands, 30 Sizes	KIT36-400-26

Ovation First Molar Kit Distribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32
Starter												1	2	2	2	2	2	2	2	2	2	2	2									
Intro	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
Standard	1	1	1	1	2	2	2	3	4	4	4	5	5	6	6	6	6	6	6	5	5	4	3	2	2	2	1	1	1	1	1	1
Master	1	1	1	2	2	2	4	4	6	6	8	10	10	12	14	16	16	16	14	12	10	8	6	4	4	2	2	2	2	1	1	1

Snap-Fit Bicuspid Bands

- Superior fit, morphology and snap-fit design ensure easier seating
- Carefully proportioned in height and circumference for both upper and lower
- Sizes 1-32 for upper bicuspid; Sizes 1-25 for lower 1st bicuspid; Sizes 1-27 for lower 2nd bicuspid
- Available individually or in kits; Plain or with pre-welded assemblies
- Permanent ID with patented Electro Chemical Etch process
- Interiors acid-etched to increase bond strength



Upper Bicuspid (Plain) Kits	Reference Number
Starter: 50 Assorted Bands, 22 Sizes	KIT15-050-11
Intro: 100 Assorted Bands, 32 Sizes	KIT15-100-11
Standard: 200 Assorted Bands, 32 Sizes	KIT15-200-11
Master: 400 Assorted Bands, 32 Sizes	KIT15-400-11

Lower First Bicuspid (Plain) Kits	Reference Number
Starter: 50 Assorted Bands, 13 Sizes	KIT15-050-21
Intro: 100 Assorted Bands, 25 Sizes	KIT15-100-21
Standard: 200 Assorted Bands, 25 Sizes	KIT15-200-21
Master: 400 Assorted Bands, 25 Sizes	KIT15-400-21

Lower Second Bicuspid (Plain) Kits	Reference Number
Starter: 50 Assorted Bands, 27 Sizes	KIT15-050-22
Intro: 100 Assorted Bands, 27 Sizes	KIT15-100-22
Standard: 200 Assorted Bands, 27 Sizes	KIT15-200-22
Master: 400 Assorted Bands, 27 Sizes	KIT15-400-22



Snap-Fit First Molar Kit Distribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32
Starter											1	2	2	2	2	2	2	2	2	2	2	2	2									
Intro	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
Standard	1	1	1	1	2	2	2	3	4	4	4	5	5	6	6	6	6	6	6	5	5	4	3	2	2	2	1	1	1	1	1	1
Master	1	1	1	2	2	2	4	4	6	6	8	10	10	12	14	16	16	16	14	12	10	8	6	4	4	2	2	2	2	1	1	1

Snap-Fit First Molar Kit Distribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25
Starter				2	4	4	4	4	4	4	4	4	4	4	4										
Intro	2	2	2	2	2	2	4	4	4	4	4	6	6	8	8	8	8	4	4	4	4	2	2	2	2
Standard	2	2	2	2	4	4	8	8	8	10	12	12	18	18	18	18	10	8	8	8	4	4	2	2	2
Master	4	4	4	6	6	8	8	14	14	18	18	24	24	36	36	36	36	24	24	16	16	8	8	4	4

Snap-Fit Second Molar Kit Distribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32
Starter						1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
Intro						2	2	2	2	2	2	2	4	4	4	6	6	8	8	8	6	6	4	4	4	2	2	2	2	2	2	
Standard						2	2	2	4	4	6	6	6	8	10	12	14	16	16	16	14	12	10	8	6	6	6	4	4	2	2	2
Master						2	4	4	6	8	10	12	12	16	20	26	28	34	34	34	28	26	20	16	14	12	10	8	6	4	4	2

Snap-Fit Cuspid Bands

- Distinctive anatomical shaping
- 68 Sizes: 19 upper, 15 lower, right and left
- Permanent ID with patented Electro Chemical Etch process
- Interiors acid-etched to increase bond strength



Cuspid (Plain) Kits

Standard: 200 Assorted Bands

Reference Number

KIT14-200-30

Cuspid with attachments

Any kit may be ordered with pre-welded attachments found in this catalog

Snap-Fit Cuspid Band Kit Distribution - (UR, UL)

Band Size	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	0	00	000
Standard	4	4	4	6	8	8	8	8	8	6	4	4	4	4	4	4	4	4	4

Snap-Fit Cuspid Band Kit Distribution - (LR, LL)

Band Size	1	2	3	4	5	6	7	8	9	10	11	12	0	00	000
Standard	6	6	8	8	8	8	8	8	8	6	6	6	6	4	4

Snap-Fit Anterior Bands

- Precision-made to anatomical contours
- 70 Sizes for upper and lower; 12 maxillary lateral, 16 maxillary central, 14 mandibular
- Made from seamless, stainless steel and polished to a smooth finish.
- Permanent ID with patented Electro Chemical Etch process
- Interiors acid-etched to increase bond strength



Anterior (Plain) Kits

Standard: 200 Assorted Bands

Reference Number

KIT14-200-00

Lower Intro: 100 Assorted Bands

KIT14-100-21

Anterior with attachments

Any kit may be ordered with pre-welded attachments found in this catalog



Band Material

Two meter spools of stainless steel can be cut into strips and then pinched and welded to size.

Size	Reference Number
.10 x 4.6	26-321-06
.13 x 4.6	26-321-07
.15 x 4.6	26-321-08

Autoclavable Bite Sticks

Bite Sticks:

Contoured Point	17-777-44
Up Point	17-777-66
Down Point	17-777-77

High Heat Bite Stick

(Dry heat compatible)	17-777-22
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GAC Buccal Tubes



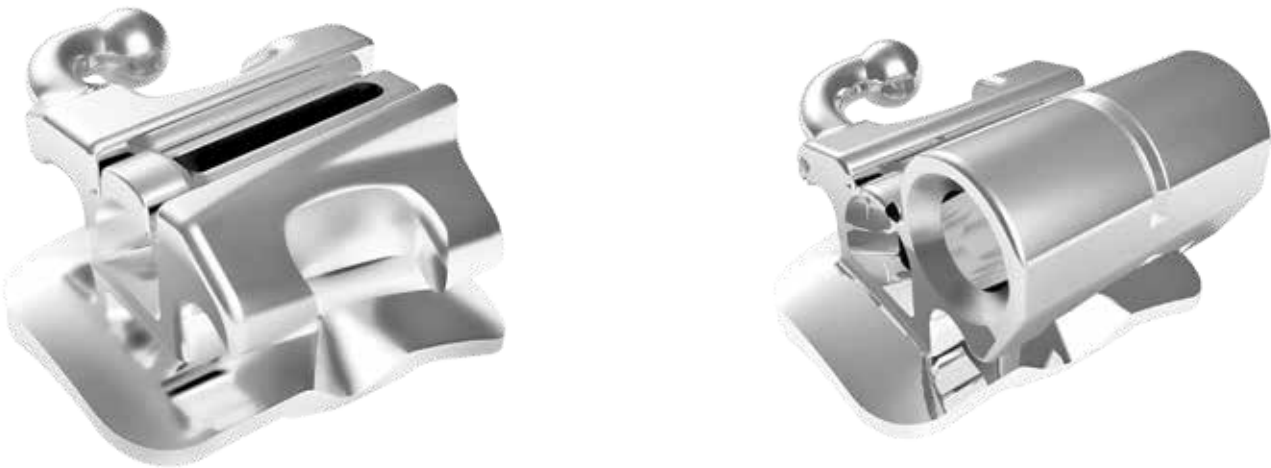
SECTION CONTENTS

84	Maxillary Single Tubes First Molar	112	Maxillary Single Tubes Second Molar
88	Mandibular Single Tubes First Molar	119	Mandibular Single Tubes Second Molar
95	Maxillary Double Tubes First Molar	125	Accessories
102	Mandibular Double Tubes First Molar	126	Lingual Attachments
107	Maxillary Triple Tubes First Molar		Bondable Weldable
111	Mandibular Triple Tubes First Molar		

GAC is proud to provide a comprehensive line of buccal tubes for your practice. Our entire line, including our standard buccal tubes, is made from high quality stainless steel. All of the ball hooks come standard with a rounded edge for enhanced patient comfort. In addition to the standard buccal tubes Dentsply Sirona Orthodontics has to offer, we offer a full line of premium buccal tubes.

GAC Buccal Tubes

GAC Buccal Tubes have been engineered from the base up for the orthodontist who understands that all of the details matter. Designed, developed and manufactured in our state-of-the-art facility in Sarasota, FL, GAC Buccal Tubes offer a level of precision that other tubes cannot match. Featuring a patented base design that’s been meticulously contoured, it delivers a superior fit and outstanding strong bond. The fluted mesial tunnel on GAC Buccal Tubes allow the archwire to insert easily and slide freely, while the low profile design, contoured edges and malleable hook are designed to deliver optimal patient comfort.



			
	Single Tube	Double Tube	Triple Tube
Recessed Distal Exit	✓	✓	✓
Funneled Mesial Entrance	✓	✓	✓
Color Code ID*	✓	✓	✓
Low-Profile Design	✓	✓	✓
Flat Mesial Distal Walls	✓	✓	✓
Anatomically Shaped Base*	✓	✓	✓
Palmer Notation*	✓	✓	✓
Patented Base*	✓	✓	✓
Occlusal Indent on Base Pad*	✓	✓	✓
Horizontal Scribe Line	✓	✓	✓
Vertical Scribe Line	Non-Convertible Only	✓	✓
Malleable Hook	✓	✓	✓
Recessed Placement Aid	✓	✓	✓
Tie-wings	Convertible Only	✓	✓
Convertible Option†	✓	✓	✓

† Please use GAC’s Convertible Cap Remover, 97-999-90

*Bondable only

Low Profile Buccal Tubes

Our Low Profile buccal tubes have integrated hooks are metal injection molded from high quality medical grade stainless steel providing a smooth comfortable patient experience.

- Enhanced Opening allows for easier wire insertion
- Color recess for simple ID
- Expanded exit port for reduced friction and wire impingement
- Instrument notch for a secure grip during placement
- Anatomical notch for proper placement in buccal groove



Self-Ligating Tubes

All of the benefits you have come to enjoy with the premier In-Ovation series!

- Self-ligating clip for retaining archwire.
- Low profile design.
- Ultra-smooth MIM construction.
- Ease of use coupled with an audible “click” upon closing the clip.
- Greater efficiency from eliminating the tedious chore of continually retying previously converted buccal tubes.
- Increased patient comfort from the elimination of external ligatures.



Saddle Tubes

Like our premium MacroTubes, you can enjoy a larger passageway for wires. This particular tube is non-convertible and it also provides the convenience of an extended span.

- Our saddle tubes feature enlarged entrance holes and exit holes.
- Extended span size.
- Available only in non-convertible.
- Larger areas for entrance and exiting allow for more convenient placement of archwire, which also reduced the need for a convertible thread.
- Increased span size allows for optimal rotational control.
- Reduces the binding of archwire against the slot wall upon severe cases of rotation.
- As part of the efficient design, tie-wings are not present so there is reduced interference with occlusion.



MacroTubes

The key component of our convertible MacroTubes is the enlarged passageway for archwire threading. This line of buccal tube is manufactured with 50% more brazing material.

- 50% wider at the archwire entrance.
- The convertible cap is 50% stronger than the traditional cap.
- Available in bondable for the lower first molars.
- Easier placement of larger wires via the wider slot.
- The stronger convertible cap is more resistant to failure.
- Caps* open easily and effectively on highly rotated molars.

**Please use GAC's Convertible Cap Remover, 97-999-90*



E-Tubes

Our premier E-Tubes offer a streamlined approach for bonding to erupting second molars.

- A low-profile height of .030”.
- The hook is parallel to the tube.
- Unique dimpled feature on the bonding base.
- Low profile and compact design offers increased patient comfort.
- The position of the hook reduces gingival and mucosal impingement.
- The unique dimpled base ideally conforms to the buccal surface and offers a better fit on partially erupted and excess gingival areas.



Molar Identification Key
68-3**6**1-42 “**6**” indicates first molar tube
68-3**7**1-42 “**7**” indicates second molar tube

Maxillary
Single Tubes First Molar

CCO® / Euro Rx



Saddle Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	10	0	.018x.025	5.5	1.9		R	68-161-072	69-161-072
-14	10	0	.022x.028	5.5	1.9		L	68-162-072	69-162-072
-14	10	0	.018x.025	5.5	1.9		R	68-261-072	69-261-072
-14	10	0	.022x.028	5.5	1.9		L	68-262-072	69-262-072



Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	10	10	.018	4.5			R	168-161-81	169-161-81
-14	10	0	.018	4.5			L	168-261-81	169-261-81
-14	10	0	.022	4.5			R	168-162-81	169-162-81
-14	10	0	.022	4.5			L	168-262-81	169-262-81



Self-Ligating Tube

*RB indicates reduced bonding base pad for instances when less enamel exposure is present

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	10	0	.018x.025	4.6	4.5	5.8	R	88-161-81	87-161-81
-14	10	0	.018x.025	4.6	4.5	5.8	L	88-261-81	87-261-81
-14	10	0	.018x.025	4.6	4.5	5.8	R	88-161-81RB	
-14	10	0	.018x.025	4.6	4.5	5.8	L	88-261-81RB	
-14	10	0	.022x.028	4.6	4.5	5.8	R	88-162-81	87-162-81
-14	10	0	.022x.028	4.6	4.5	5.8	L	88-262-81	87-262-81
-14	10	0	.022x.028	4.6	4.5	5.8	R	88-162-81RB	
-14	10	0	.022x.028	4.6	4.5	5.8	L	88-262-81RB	

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

GAC Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	14D	0	.018x.025	4.0	3.7	4.96	R		269-161-05
-10	14D	0	.018x.025	4.0	3.7	4.96	L		269-261-05
-10	14D	0	.022x.028	4.0	3.7	4.96	R		269-162-05
-10	14D	0	.022x.028	4.0	3.7	4.96	L		269-262-05



Macro Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	14D	0	.018x.025	4.0	3.5	4.84	R	68-161-35	69-161-35
-10	14D	0	.022x.028	4.0	3.5	4.84	L	68-261-35	69-261-35
-10	14D	0	.018x.025	4.0	3.5	4.84	R	68-162-35	69-162-35
-10	14D	0	.022x.028	4.0	3.5	4.84	L	68-262-35	69-262-35



Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	10	14	.018	4.5			R	168-161-10	169-161-10
-14	10	14	.018	4.5			L	168-261-10	169-261-10
-14	10	14	.022	4.5			R	168-162-10	169-162-10
-14	10	14	.022	4.5			L	168-262-10	169-262-10



Self-Ligating Tube

*RB indicates reduced bonding base pad for instances when less enamel exposure is present

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	14D	0	.018x.025	4.0	3.5	4.84	R	88-161-05	87-161-05
-10	14D	0	.018x.025	4.0	3.5	4.84	L	88-261-05	87-261-05
-10	14D	0	.018x.025	4.0	3.5	4.84	R	88-161-05RB	
-10	14D	0	.018x.025	4.0	3.5	4.84	L	88-261-05RB	
-10	14D	0	.022x.028	4.0	3.5	4.84	R	88-162-05	87-162-05
-10	14D	0	.022x.028	4.0	3.5	4.84	L	88-262-05	87-262-05
-10	14D	0	.022x.028	4.0	3.5	4.84	R	88-162-05RB	
-10	14D	0	.022x.028	4.0	3.5	4.84	L	88-262-05RB	

Maxillary
Single Tubes First Molar

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Traditional Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	14D	0	.018x.025	4.0	3.5	4.84	R	68-161-05	69-161-05
-10	14D	0	.018x.025	4.0	3.5	4.84	L	68-261-05	69-261-05
-10	14D	0	.022x.028	4.0	3.5	4.84	R	68-162-05	69-162-05
-10	14D	0	.022x.028	4.0	3.5	4.84	L	68-262-05	69-262-05



Traditional Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	14D	0	.018x.025	4.0	3.5	4.84	R	68-161-84	69-161-84
-14	14D	0	.018x.025	4.0	3.5	4.84	L	68-261-84	69-261-84
-14	14D	0	.022x.028	4.0	3.5	4.84	R	68-162-84	69-162-84
-14	14D	0	.022x.028	4.0	3.5	4.84	L	68-262-84	69-262-84

Andrews Rx



GAC Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	7D	0	.018x.025	3.5	3.5	4.94	R		269-161-15
-10	7D	0	.018x.025	3.5	3.5	4.94	L		269-261-15
-10	7D	0	.022x.028	3.5	3.5	4.94	R		269-162-15
-10	7D	0	.022x.028	3.5	3.5	4.94	L		269-262-15



Saddle Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	7D	0	.018x.025	5.5	2.0	3.04	R	68-161-152	69-161-152
-10	7D	0	.018x.025	5.5	2.0	3.04	L	68-261-152	69-261-152
-10	7D	0	.022x.028	5.5	2.0	3.04	R	68-162-152	69-162-152
-10	7D	0	.022x.028	5.5	2.0	3.04	L	68-262-152	69-262-152



Traditional Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	7D	0	.018x.025	3.6	3.45	5	R	68-161-15	69-161-15
-10	7D	0	.018x.025	3.6	3.45	5	L	68-261-15	69-261-15
-10	7D	0	.022x.028	3.6	3.45	5	R	68-162-15	69-162-15
-10	7D	0	.022x.028	3.6	3.45	5	L	68-262-15	69-262-15



Andrews Rx

Traditional Tube | Without Cover

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	7D	0	.018x.025	3.6	3.45	5	R	68-161-45	
-10	7D	0	.018x.025	3.6	3.45	5	L	68-261-45	

Balance Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	6D	0	.018x.025	4.4	1.8	3.54	R	68-161-42	69-161-42
-10	6D	0	.018x.025	4.4	1.8	3.54	L	68-261-42	69-261-42
-10	6D	0	.022x.028	4.4	1.8	3.54	R	68-162-42	69-261-42
-10	6D	0	.022x.028	4.4	1.8	3.54	L	68-262-42	69-262-42

Additional Rx



Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	0	0	.018	4.5			R	168-161-11	169-161-11
-10	0	0	.018	4.5			L	168-261-11	169-261-11
-10	0	0	.022	4.5			R	168-162-11	169-162-11
-10	0	0	.022	4.5			L	168-262-11	169-262-11

Mandibular
Single Tubes First Molar

CCO® Rx



Saddle Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	0	-1	.018x.025	5.5	1.9		R	68-361-072	69-361-072
-25	0	-1	.018x.025	5.5	1.9		L	68-461-072	69-461-072
-25	0	-1	.022x.028	5.5	1.9		R	68-362-072	69-362-072
-25	0	-1	.022x.028	5.5	1.9		L	68-462-072	69-462-072

Base Rx



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GAC Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	4	0	.018x.025	3.5	3.34	4.6	R		269-361-09
-25	4	0	.018x.025	3.5	3.34	4.6	L		269-461-09
-25	4	0	.022x.028	3.5	3.34	4.6	R		269-362-09
-25	4	0	.022x.028	3.5	3.34	4.6	L		269-462-09



GAC Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-30	4	-1	.018x.025	4.0	3.27	4.39	R		269-361-86
-30	4	-1	.018x.025	4.0	3.27	4.39	L		269-461-86
-30	4	-1	.022x.028	4.0	3.27	4.39	R		269-362-86
-30	4	-1	.022x.028	4.0	3.27	4.39	L		269-462-86



Macro Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	4D	0	.018x.025	3.6	3.15	4.5	R	68-361-39	69-361-39
-25	4D	0	.018x.025	3.6	3.15	4.5	L	68-461-39	69-461-39
-25	4D	0	.022x.028	3.6	3.15	4.5	R	68-362-39	69-362-39
-25	4D	0	.022x.028	3.6	3.15	4.5	L	68-462-39	69-462-39

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-30	4D	10	.018	4.5			R	168-361-10	169-361-10
-30	4D	10	.018	4.5			L	168-461-10	169-461-10
-30	4D	10	.022	4.5			R	168-362-10	169-362-10
-30	4D	10	.022	4.5			L	168-462-10	169-462-10



Self-Ligating Tube

*RB indicates reduced bonding base pad for instances when less enamel exposure is present

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	4D	0	.018x.025	4.0	3.5	4.77	R	88-361-09	87-361-09
-25	4D	0	.018x.025	4.0	3.5	4.77	L	88-461-09	87-461-09
-25	4D	0	.018x.025	4.0	3.5	4.77	R	88-361-09RB	
-25	4D	0	.018x.025	4.0	3.5	4.77	L	88-461-09RB	
-25	4D	0	.022x.028	4.0	3.5	4.77	R	88-362-09	87-362-09
-25	4D	0	.022x.028	4.0	3.5	4.77	L	88-462-09	87-462-09
-25	4D	0	.022x.028	4.0	3.5	4.77	R	88-362-09RB	
-25	4D	0	.022x.028	4.0	3.5	4.77	L	88-462-09RB	



Traditional Tube | Without Cover

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	4D	0	.018x.025	3.6	3.15	4.5	R	68-361-49	69-361-49
-25	4D	0	.018x.025	3.6	3.15	4.5	L	68-461-49	69-461-49
-25	4D	0	.022x.028	3.6	3.15	4.5	R	68-362-49	69-362-49
-25	4D	0	.022x.028	3.6	3.15	4.5	L	68-462-49	69-462-49



Traditional Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	4D	0	.018x.025	3.6	3.15	4.5	R	68-361-09	69-361-09
-25	4D	0	.018x.025	3.6	3.15	4.5	L	68-461-09	69-461-09
-25	4D	0	.022x.028	3.6	3.15	4.5	R	68-362-09	69-362-09
-25	4D	0	.022x.028	3.6	3.15	4.5	L	68-462-09	69-462-09

Mandibular
Single Tubes First Molar

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Traditional Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-30	4D	0	.018x.025	4.0	3.2	4.48	R	68-361-86	69-361-86
-30	4D	0	.018x.025	4.0	3.2	4.48	L	68-461-86	69-461-86
-30	4D	0	.022x.028	4.0	3.2	4.48	R	68-362-86	69-362-86
-30	4D	0	.022x.028	4.0	3.2	4.48	L	68-462-86	69-462-86



Traditional Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-22	6D	0	.022x.028	4.0	3.9	5.05	R	68-362-14	69-362-14
-22	6D	0	.022x.028	4.0	3.9	5.05	L	68-462-14	69-462-14

Euro Rx



GAC Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-20	0	0	.018x.025	4.0	2.96	4.7	R		269-361-60
-20	0	0	.018x.025	4.0	2.96	4.7	L		269-461-60
-20	0	0	.022x.028	4.0	2.96	4.7	R		269-362-60
-20	0	0	.022x.028	4.0	2.96	4.7	L		269-462-60



Macro Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-20	0	0	.018x.025	4.0	3.05	4.39	R	68-361-60	69-361-60
-20	0	0	.018x.025	4.0	3.05	4.39	L	68-461-60	69-461-60
-20	0	0	.022x.028	4.0	3.05	4.39	R	68-362-60	69-362-60
-20	0	0	.022x.028	4.0	3.05	4.39	L	68-462-60	69-462-60

Euro Rx



Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-20	0	0	.018	4.5			R	168-361-81	169-361-81
-20	0	0	.018	4.5			L	168-461-81	169-461-81
-20	0	0	.022	4.5			R	168-362-81	169-362-81
-20	0	0	.022	4.5			L	168-462-81	169-462-81



*RB indicates reduced bonding base pad for instances when less enamel exposure is present

Self-Ligating Tube

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-20	0	0	.018x.025	4.0	3.5	4.7	R	88-361-81	87-361-81
-20	0	0	.018x.025	4.0	3.5	4.7	L	88-461-81	87-461-81
-20	0	0	.018x.025	4.0	3.5	4.7	R	88-361-81RB	
-20	0	0	.018x.025	4.0	3.5	4.7	L	88-461-81RB	
-20	0	0	.022x.028	4.0	3.5	4.7	R	88-362-81	87-362-81
-20	0	0	.022x.028	4.0	3.5	4.7	L	88-462-81	87-462-81
-20	0	0	.022x.028	4.0	3.5	4.7	R	88-362-81RB	
-20	0	0	.022x.028	4.0	3.5	4.7	L	88-462-81RB	

Roncone Rx



Self-Ligating Tube

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	4D	0	.018x.025	4.0	3.5	4.7	R	88-361-62	
-14	4D	0	.018x.025	4.0	3.5	4.7	L	88-461-62	
-14	4D	0	.022x.028	4.0	3.5	4.7	R	88-362-62	
-14	4D	0	.022x.028	4.0	3.5	4.7	L	88-462-62	

Andrews Rx



Traditional Tube | Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	0	0	.018x.025	3.6	3.15	4.5	R	68-361-10	69-361-10
-25	0	0	.018x.025	3.6	3.15	4.5	L	68-461-10	69-461-10
-25	0	0	.022x.028	3.6	3.15	4.5	R	68-362-10	69-362-10
-25	0	0	.022x.028	3.6	3.15	4.5	L	68-462-10	69-462-10

Mandibular
Single Tubes First Molar

Balance Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	6D	0	.018x.025	4.4	1.8	3.28	R	68-361-42	69-361-42
-25	6D	0	.018x.025	4.4	1.8	3.28	L	68-461-42	69-461-42
-25	6D	0	.022x.028	4.4	1.8	3.28	R	68-362-42	69-362-42
-25	6D	0	.022x.028	4.4	1.8	3.28	L	68-462-42	69-462-42



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	6D	0	.018x.025	4.4	1.8	3.54	R	68-361-43	69-361-43
-25	6D	0	.018x.025	4.4	1.8	3.54	L	68-461-43	69-461-43
-25	6D	0	.022x.028	4.4	1.8	3.54	R	68-362-43	69-362-43
-25	6D	0	.022x.028	4.4	1.8	3.54	L	68-462-43	69-462-43



Traditional Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	6D	-16	.022x.028	4.0	3.9	5.05	R	68-362-15	69-362-15
-25	6D	-16	.022x.028	4.0	3.9	5.05	L	68-462-15	69-462-15

Hasund Rx



Traditional Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-22	4D	0	.018x.025	3.6	3.15	4.5	R	68-361-24	69-361-24
-22	4D	0	.018x.025	3.6	3.15	4.5	L	68-461-24	69-461-24

Standard Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	0	0	.018x.025	4.0	3.5	4.9	R	68-361-80	69-361-80
0	0	0	.018x.025	4.0	3.5	4.9	L	68-461-80	69-461-80
0	0	0	.022x.028	4.0	3.5	4.9	R	68-362-80	69-362-80
0	0	0	.022x.028	4.0	3.5	4.9	L	68-462-80	69-462-80

Single Wing Rx



Traditional Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-22	5D	-6	.018x.025	3.8	3.55	4.89	R	68-361-00	69-361-00
-22	5D	-6	.018x.025	3.8	3.55	4.89	L	68-461-00	69-461-00
-22	5D	-6	.022x.028	3.8	3.55	4.89	R	68-362-00	69-362-00
-22	5D	-6	.022x.028	3.8	3.55	4.89	L	68-462-00	69-462-00

Additional Rx



GAC Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	0	0	.018x.025	4.0	2.44	3.98	R		269-361-12
-10	0	0	.018x.025	4.0	2.44	3.98	L		269-461-12
-10	0	0	.022x.028	4.0	2.44	3.98	R		269-362-12
-10	0	0	.022x.028	4.0	2.44	3.98	L		269-462-12



Macro Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	0	0	.018x.025	4.0	2.3	3.6	R	68-361-32	69-361-32
-10	0	0	.018x.025	4.0	2.3	3.6	L	68-461-32	69-461-32
-10	0	0	.022x.028	4.0	2.3	3.6	R	68-362-32	69-362-32
-10	0	0	.022x.028	4.0	2.3	3.6	L	68-462-32	69-462-32

Mandibular
Single Tubes First Molar

Additional Rx



Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	0	0	.018	4.5			R	168-361-16	169-361-16
-10	0	0	.018	4.5			L	168-461-16	169-461-16
-10	0	0	.022	4.5			R	168-362-16	169-362-16
-10	0	0	.022	4.5			L	168-462-16	169-462-16



Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	0	0	.018	4.5			R	168-361-12	169-361-12
-25	0	0	.018	4.5			L	168-461-12	169-461-12
-25	0	0	.022	4.5			R	168-362-12	169-362-12
-25	0	0	.022	4.5			L	168-462-12	169-462-12



Traditional Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	0	0	.018x.025	4.0	2.3	3.6	R	68-361-12	69-361-12
-10	0	0	.018x.025	4.0	2.3	3.6	L	68-461-12	69-461-12
-10	0	0	.022x.028	4.0	2.3	3.6	R	68-362-12	69-362-12
-10	0	0	.022x.028	4.0	2.3	3.6	L	68-462-12	69-462-12



Traditional Tube | Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	6D	0	.018x.025	3.8	3.5	4.92	R	68-361-55	69-361-55
0	6D	0	.018x.025	3.8	3.5	4.92	L	68-461-55	69-461-55
0	6D	0	.022x.028	3.8	3.5	4.92	R	68-362-55	69-362-55
0	6D	0	.022x.028	3.8	3.5	4.92	L	68-462-55	69-462-55

Maxillary
Double Tubes First Molar

CCO® / Euro Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	10D	0	.018x.025			4.2	4.45	5.8	R	68-161-81	69-161-81
-14	10D	0	.018x.025			4.2	4.45	5.8	L	68-261-81	69-261-81
-14	10D	0	.022x.028			4.2	4.45	5.8	R	68-162-81	69-162-81
-14	10D	0	.022x.028			4.2	4.45	5.8	L	68-262-81	69-262-81



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	10D	0	.018x.025	045/GING		4.6	4.5	5.8	R		69-161-79
-14	10D	0	.018x.025	045/GING		4.6	4.5	5.8	L		69-261-79
-14	10D	0	.022x.028	045/GING		4.6	4.5	5.8	R		69-162-79
-14	10D	0	.022x.028	045/GING		4.6	4.5	5.8	L		69-262-79

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.018x.025			4.0	4.05	4.05	R	68-161-11	69-161-11
-14	14D	0	.018x.025			4.0	4.05	4.05	L	68-261-11	69-261-11
-14	14D	0	.022x.028			4.0	4.05	4.05	R	68-162-11	69-162-11
-14	14D	0	.022x.028			4.0	4.05	4.05	L	68-262-11	69-262-11



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.022x.028	045/GING	0	4.0	4.55	4.55	R	68-162-14	69-162-14
-14	14D	0	.022x.028	045/GING	0	4.0	4.55	4.55	L	68-262-14	69-262-14

Maxillary
Double Tubes First Molar

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.018x.025	045/GING	14D	4.2	4.6	6.1	R		69-161-51
-14	14D	0	.018x.025	045/GING	14D	4.2	4.6	6.1	L		69-261-51
-14	14D	0	.022x.028	045/GING	14D	4.2	4.6	6.1	R		69-162-51
-14	14D	0	.022x.028	045/GING	14D	4.2	4.6	6.1	L		69-262-51



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.018x.025	045/GING	14D	4.0	4.05	5.35	R	68-161-83	69-161-83
-14	14D	0	.018x.025	045/GING	14D	4.0	4.05	5.35	L	68-261-83	69-261-83
-14	14D	0	.022x.028	045/GING	14D	4.0	4.05	5.35	R	68-162-83	69-162-83
-14	14D	0	.022x.028	045/GING	14D	4.0	4.05	5.35	L	68-262-83	69-262-83



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.022x.028	051/OCCL	7D	4.0	4.45	5.63	R		69-162-87
-14	14D	0	.022x.028	051/OCCL	7D	4.0	4.45	5.63	L		69-262-87

Andrews Rx



GAC Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	7	0	.018x.025	051/OCCL	7D	4.0	4.4	5.85	R		269-161-08
-10	7	0	.018x.025	051/OCCL	7D	4.0	4.4	5.85	L		269-261-08
-10	7	0	.018x.025	051/OCCL	7D	4.0	4.4	5.85	R		269-162-08
-10	7	0	.018x.025	051/OCCL	7D	4.0	4.4	5.85	L		269-262-08

Andrews Rx



GAC Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	7	0	.018x.025	045/OCCL	7D	4.0	4.4	5.85	R		269-161-09
-10	7	0	.018x.025	045/OCCL	7D	4.0	4.4	5.85	L		269-261-09
-10	7	0	.018x.025	045/OCCL	7D	4.0	4.4	5.85	R		269-162-09
-10	7	0	.018x.025	045/OCCL	7D	4.0	4.4	5.85	L		269-262-09



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	7	0	.018x.025	051/GING	7D	4.0	4.4	5.85	R	68-161-08	69-161-08
-10	7	0	.018x.025	051/GING	7D	4.0	4.4	5.85	L	68-261-08	69-261-08
-10	7	0	.018x.025	051/GING	7D	4.0	4.4	5.85	R		69-162-08
-10	7	0	.018x.025	051/GING	7D	4.0	4.4	5.85	L		69-262-08



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	7	0	.018x.025	045/GING	7D	4.0	4.4	5.85	R	68-161-09	69-161-09
-10	7	0	.018x.025	045/GING	7D	4.0	4.4	5.85	L	68-261-09	69-261-09
-10	7	0	.018x.025	045/GING	7D	4.0	4.4	5.85	R	68-162-09	69-162-09
-10	7	0	.018x.025	045/GING	7D	4.0	4.4	5.85	L	68-262-09	69-262-09



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	7D	0	.018x.025	051/GING	7D	4.0	4.55	6.05	R		69-161-10
-10	7D	0	.018x.025	051/GING	7D	4.0	4.55	6.05	L		69-261-10
-10	7D	0	.022x.028	051/GING	7D	4.0	4.55	6.05	R		69-162-10
-10	7D	0	.022x.028	051/GING	7D	4.0	4.55	6.05	L		69-262-10

Maxillary
Double Tubes First Molar

Andrews Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	7D	0	.018x.025	045/GING	7D	4.0	4.55	6.05	R	68-161-13	69-161-13
-10	7D	0	.018x.025	045/GING	7D	4.0	4.55	6.05	L	68-261-13	69-261-13
-10	7D	0	.022x.028	045/GING	7D	4.0	4.55	6.05	R	68-162-13	69-162-13
-10	7D	0	.022x.028	045/GING	7D	4.0	4.55	6.05	L	68-262-13	69-262-13



Traditional | Non-Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	6D	0	.018x.025	045/OCCL	0	4.8	3.7	5.13	R		69-161-94
-10	6D	0	.018x.025	045/OCCL	0	4.8	3.7	5.13	L		69-261-94
-10	6D	0	.022x.028	045/OCCL	0	4.8	3.7	5.13	R		69-162-94
-10	6D	0	.022x.028	045/OCCL	0	4.8	3.7	5.13	L		69-262-94



Traditional | Non-Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	6D	0	.018x.025	051/OCCL	6D	4.8	3.7	5.13	R		69-161-95
-10	6D	0	.018x.025	051/OCCL	6D	4.8	3.7	5.13	L		69-261-95
-10	6D	0	.022x.028	051/OCCL	6D	4.8	3.7	5.13	R		69-162-95
-10	6D	0	.022x.028	051/OCCL	6D	4.8	3.7	5.13	L		69-262-95

Roncone Rx



Self-Ligating Tube

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-20	20D	0	.018x.025			4.2	3.83	5.17	R	88-161-62	
-20	20D	0	.018x.025			4.2	3.83	5.17	L	88-261-62	
-20	20D	0	.022x.028			4.2	3.83	5.17	R	88-162-62	
-20	20D	0	.022x.028			4.2	3.83	5.17	L	88-262-62	

Roncone Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-20	20D	0	.018x.025			4.0	4.3	5.64	R	68-161-62	69-161-62
-20	20D	0	.018x.025			4.0	4.3	5.64	L	68-261-62	69-261-62
-20	20D	0	.022x.028			4.0	4.3	5.64	R	68-162-62	69-162-62
-20	20D	0	.022x.028			4.0	4.3	5.64	L	68-262-62	69-262-62

Balance Rx



Traditional Tube | Non-Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	6D	0	.018x.025	045/OCCL	6D	4.4	4.2	5.54	R	68-161-40	69-162-40
-10	6D	0	.018x.025	045/OCCL	6D	4.4	4.2	5.54	L	68-162-40	69-262-40
-10	6D	0	.022x.028	045/OCCL	6D	4.4	4.2	5.54	R	68-162-40	69-162-40
-10	6D	0	.022x.028	045/OCCL	6D	4.4	4.2	5.54	L	68-262-40	69-262-40



Traditional Tube | Non-Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
0	6D	0	.018x.025	045/OCCL	6D	4.4	4.2	5.54	R		69-162-41
0	6D	0	.018x.025	045/OCCL	6D	4.4	4.2	5.54	L		69-262-41
0	6D	0	.022x.028	045/OCCL	6D	4.4	4.2	5.54	R	68-162-41	69-162-41
0	6D	0	.022x.028	045/OCCL	6D	4.4	4.2	5.54	L	68-262-41	69-262-41

Gianelly Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
0	14D	0	.018x.025	051/OCCL	7D	4.2	4.55	5.86	R		69-161-64
0	14D	0	.018x.025	051/OCCL	7D	4.2	4.55	5.86	L		69-261-64
0	14D	0	.022x.028	051/OCCL	7D	4.2	4.55	5.86	R		69-162-64
0	14D	0	.022x.028	051/OCCL	7D	4.2	4.55	5.86	L		69-262-64

Maxillary
Double Tubes First Molar

Standard Rx



Traditional Tube | Non-Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
0	0	0	.018x.025	045/OCCL	0	4.8	3.7	5.13	R	68-161-91	69-161-91	
0	0	0	.018x.025	045/OCCL	0	4.8	3.7	5.13	L	68-261-91	69-261-91	
0	0	0	.022x.028	045/OCCL	0	4.8	3.7	5.13	R	68-162-91	69-162-91	
0	0	0	.022x.028	045/OCCL	0	4.8	3.7	5.13	L		69-262-91	



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
0	0	0	.018x.025	045/OCCL	0	4.0	4.4	5.75	R	68-161-06	69-161-06	
0	0	0	.018x.025	045/OCCL	0	4.0	4.4	5.75	L	68-261-06	69-261-06	
0	0	0	.022x.028	045/OCCL	0	4.0	4.4	5.75	R	68-262-06	69-162-06	
0	0	0	.022x.028	045/OCCL	0	4.0	4.4	5.75	L	68-262-06	69-262-06	

Single Wing Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
-10	14D	0	.018x.025	045/OCCL	7D	4.0	4.5	5.8	R		69-161-50	
-10	14D	0	.018x.025	045/OCCL	7D	4.0	4.5	5.8	L		69-261-50	
-10	14D	0	.022x.028	045/OCCL	7D	4.0	4.5	5.8	R		69-162-50	
-10	14D	0	.022x.028	045/OCCL	7D	4.0	4.5	5.8	L		69-262-50	

Additional Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
0	6D	0	.018x.025	051/OCCL	6D	4.0	4.55	5.91	R	68-161-60	69-161-60	
0	6D	0	.018x.025	051/OCCL	6D	4.0	4.55	5.91	L	68-261-60	69-261-60	
0	6D	0	.022x.028	051/OCCL	6D	4.0	4.55	5.91	R	68-162-60	69-162-60	
0	6D	0	.022x.028	051/OCCL	6D	4.0	4.55	5.91	L	68-262-60	69-262-60	



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
0	6D	0	.018x.025	045/OCCL	6D	4.0	4.55	5.91	R		69-161-55	
0	6D	0	.018x.025	045/OCCL	6D	4.0	4.55	5.91	L		69-261-55	
0	6D	0	.022x.028	045/OCCL	6D	4.0	4.55	5.91	R		69-162-55	
0	6D	0	.022x.028	045/OCCL	6D	4.0	4.55	5.91	L		69-262-55	



Traditional Tube | Non-Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
0	6D	0	.018x.025	051/OCCL	6D	4.8	3.85	5.28	R		69-161-19	
0	6D	0	.018x.025	051/OCCL	6D	4.8	3.85	5.28	L		69-261-19	
0	6D	0	.022x.028	051/OCCL	6D	4.8	3.85	5.28	R		69-162-19	
0	6D	0	.022x.028	051/OCCL	6D	4.8	3.85	5.28	L		69-262-19	



Traditional Tube | Non-Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
0	6D	0	.018x.025	045/OCCL	6D	4.8	3.85	5.28	R		69-161-93	
0	6D	0	.018x.025	045/OCCL	6D	4.8	3.85	5.28	L		69-261-93	
0	6D	0	.022x.028	045/OCCL	6D	4.8	3.85	5.28	R		69-162-93	
0	6D	0	.022x.028	045/OCCL	6D	4.8	3.85	5.28	L		69-262-93	

Mandibular
Double Tube First Molar

Base Rx



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GAC Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-30	4D	-1	.018x.025			4.0	3.99	5.71	R		269-361-88
-30	4D	-1	.018x.025			4.0	3.99	5.71	L		269-461-88
-30	4D	-1	.022x.028			4.0	3.99	5.71	R		269-362-88
-30	4D	-1	.022x.028			4.0	3.99	5.71	L		269-462-88



GAC Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-25	4D	0	.018x.025			4.0	3.54	5.19	R		269-361-18
-25	4D	0	.018x.025			4.0	3.54	5.19	L		269-461-18
-25	4D	0	.022x.028			4.0	3.54	5.19	R		269-362-18
-25	4D	0	.022x.028			4.0	3.54	5.19	L		269-462-18



Traditional Tube | Non-Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-30	4D	-1	.022x.028			6.0	3.1	4.44	R		69-362-85
-30	4D	-1	.022x.028			6.0	3.1	4.44	L		69-462-85



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-30	4D	-1	.018x.025			4.0	4.2	5.39	R	68-361-88	69-361-88
-30	4D	-1	.018x.025			4.0	4.2	5.39	L	68-461-88	69-461-88
-30	4D	-1	.022x.028			4.0	4.2	5.39	R	68-362-88	69-362-88
-30	4D	-1	.022x.028			4.0	4.2	5.39	L	68-462-88	69-462-88



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-30	4D	-1	.018x.025			4.0	4.2		R	68-361-84	69-361-84
-30	4D	-1	.018x.025			4.0	4.2		L	68-461-84	69-461-84
-30	4D	-1	.022x.028			4.0	4.2		R	68-362-84	69-362-84
-30	4D	-1	.022x.028			4.0	4.2		L	68-462-84	69-462-84



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-30	4D	-1	.018x.025	045/GING	0	4.0	4.2		R		69-361-82
-30	4D	-1	.018x.025	045/GING	0	4.0	4.2		L		69-461-82
-30	4D	-1	.022x.028	045/GING	0	4.0	4.2		R		69-362-82
-30	4D	-1	.022x.028	045/GING	0	4.0	4.2		L		69-462-82



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-25	4D	0	.018x.025			4.0	3.65	4.94	R	68-361-18	69-361-18
-25	4D	0	.018x.025			4.0	3.65	4.94	L	68-461-18	69-461-18
-25	4D	0	.022x.028			4.0	3.65	4.94	R	68-362-18	69-362-18
-25	4D	0	.022x.028			4.0	3.65	4.94	L	68-462-18	69-462-18

Roncone Rx



Self-Ligating Tube

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	4D	0	.018x.025	045/OCCL	14D	4.0	3.7	5.17	R	88-361-08	
-10	4D	0	.018x.025	045/OCCL	14D	4.0	3.7	5.17	L	88-461-08	
-10	4D	0	.022x.028	045/OCCL	14D	4.0	3.7	5.17	R	88-361-08	
-10	4D	0	.022x.028	045/OCCL	14D	4.0	3.7	5.17	L	88-462-08	

Mandibular
Double Tubes First Molar

Roncone Rx



Traditional Tube | Convertible | Oversized Base

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
-10	4D	0	.018x.025			3.6	3.65	5.06	R	68-361-080		
-10	4D	0	.018x.025			3.6	3.65	5.06	L	68-461-080		
-10	4D	0	.022x.028			3.6	3.65	5.06	R	68-361-080		
-10	4D	0	.022x.028			3.6	3.65	5.06	L	68-462-080		

Canadian Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
-10	4D	0	.018x.025			3.6	3.65	5.06	R	68-361-08	69-361-08	
-10	4D	0	.018x.025			3.6	3.65	5.06	L	68-461-08	69-461-08	
-10	4D	0	.022x.028			3.6	3.65	5.06	R	68-362-08	69-362-08	
-10	4D	0	.022x.028			3.6	3.65	5.06	L	68-462-08	69-462-08	

Hilgers Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
-27	12D	0	.018x.025			4.0	3.75	4.95	R	68-361-07	69-361-07	
-27	12D	0	.018x.025			4.0	3.75	4.95	L	68-461-07	69-461-07	
-27	12D	0	.022x.028			4.0	3.75	4.95	R	68-362-07	69-362-07	
-27	12D	0	.022x.028			4.0	3.75	4.95	L	68-462-07	69-462-07	

Melsen Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
-27	8D	0	.018x.025			4.0	3.75	5.17	R		69-361-17	
-27	8D	0	.018x.025			4.0	3.75	5.17	L		69-461-17	
-27	8D	0	.022x.028			4.0	3.75	5.17	R		69-362-17	
-27	8D	0	.022x.028			4.0	3.75	5.17	L		69-462-17	

Cetlin Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
-25	4D	0	.018x.025	045/GING	5M	4.0	4.25		R	68-361-03	69-361-03	
-25	4D	0	.018x.025	045/GING	5M	4.0	4.25		L	68-461-03	69-461-03	
-25	4D	0	.022x.028	045/GING	5M	4.0	4.25		R	68-361-03	69-362-03	
-25	4D	0	.022x.028	045/GING	5M	4.0	4.25		L	68-462-03	69-462-03	

Dollan Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
0	4D	0	.018x.025			4.0	3.85	5.4	R	68-361-53	69-361-53	
0	4D	0	.018x.025			4.0	3.85	5.4	L	68-461-53	69-461-53	
0	4D	0	.022x.028			4.0	3.85	5.4	R	68-362-53	69-362-53	
0	4D	0	.022x.028			4.0	3.85	5.4	L	68-462-53	69-462-53	

Hasund Rx



Traditional Tube | Convertible

Main Archwire Slot				Aux Tube				Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Span	Wide	Hook	L/R	Bondable	Weldable
-22(-25)	4D	0	.018x.025	0	0(4D)	0	.018x.025	4.0	3.7	4.87	R	68-361-04	69-361-04
-22(-25)	4D	0	.018x.025	0	0(4D)	0	.018x.025	4.0	3.7	4.87	L	68-461-04	69-461-04

Gianelly Rx



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
0	0	0	.018x.025	051/GING	0	4.0	4.6		R		69-361-19	
0	0	0	.018x.025	051/GING	0	4.0	4.6		L		69-461-19	
0	0	0	.022x.028	051/GING	0	4.0	4.6		R		69-362-19	
0	0	0	.022x.028	051/GING	0	4.0	4.6		L		69-462-19	

Mandibular
Double Tubes First Molar

Ricketts Rx



Traditional Tube | Non-Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
0	0	0	.018x.025			4.0	2.3	4.14	UNI	68-661-70	69-661-70	
0	0	0	.018x.025			4.0	2.3	4.14	UNI	68-662-70	69-662-70	



Traditional Tube | Convertible

Main Archwire Slot/Aux Slot				Extra Oral Tube		Dimensions				Reference Number		
T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable	
0	0	0	.018x.025			4.0	3.95	5.7	UNI	68-661-72	69-661-72	
0	0	0	.018x.025			4.0	3.95	5.7	UNI	68-662-72	69-662-72	

Maxillary
Triple Tubes First Molar

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

GAC Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions			Reference Number		
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.018x.025	-14	14D	0	.018x.025	045/OCCL	14D	4.2	4.9	6.32	R		269-161-18
-14	14D	0	.018x.025	-14	14D	0	.018x.025	045/OCCL	14D	4.2	4.9	6.32	L		269-261-18
-14	14D	0	.022x.028	-14	14D	0	.018x.025	045/OCCL	14D	4.2	4.9	6.32	R		269-162-18
-14	14D	0	.022x.028	-14	14D	0	.018x.025	045/OCCL	14D	4.2	4.9	6.32	L		269-262-18



GAC Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions			Reference Number		
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.022x.028	-14	14D	0	.022 x .028	045/OCCL	14D	4.2	4.9	6.32	R		269-162-80
-14	14D	0	.022x.028	-14	14D	0	.022 x .028	045/OCCL	14D	4.2	4.9	6.32	L		269-262-80



GAC Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions			Reference Number		
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.022x.028	-14	14D	0	.022 x .028	051/OCCL	14D	4.2	4.9	6.32	R		269-162-86
-14	14D	0	.022x.028	-14	14D	0	.022 x .028	051/OCCL	14D	4.2	4.9	6.32	L		269-262-86



Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.018x.025	-14	14D	0	.018x.025	045/OCCL	14D	4.2	4.9	6.32	R		69-161-18
-14	14D	0	.018x.025	-14	14D	0	.018x.025	045/OCCL	14D	4.2	4.9	6.32	L		69-261-18
-14	14D	0	.022x.028	-14	14D	0	.018x.025	045/OCCL	14D	4.2	4.9	6.32	R	68-162-18	69-162-18
-14	14D	0	.022x.028	-14	14D	0	.018x.025	045/OCCL	14D	4.2	4.9	6.32	L	68-262-18	69-262-18

Maxillary
Triple Tubes First Molar

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.022x.028	-14	14D	0	.022x.028	045/OCCL	14D	4.2	4.9	6.32	R	68-162-80	69-162-80
-14	14D	0	.022x.028	-14	14D	0	.022x.028	045/OCCL	14D	4.2	4.9	6.32	L	68-262-80	69-262-80



Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.022x.028	-14	14D	0	.022x.028	051/OCCL	14D	4.2	4.9	6.32	R		69-162-86
-14	14D	0	.022x.028	-14	14D	0	.022x.028	051/OCCL	14D	4.2	4.9	6.32	L		69-262-86



Traditional Tube | Non-Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.018x.025	-14	14D	0	.018x.025	045/OCCL	14D	6.0	4.45	R			69-161-85
-14	14D	0	.018x.025	-14	14D	0	.018x.025	045/OCCL	14D	6.0	4.45	L			69-261-85
-14	14D	0	.022x.028	-14	14D	0	.022x.028	045/OCCL	14D	6.0	4.45	R			69-162-85
-14	14D	0	.022x.028	-14	14D	0	.022x.028	045/OCCL	14D	6.0	4.45	L			69-262-85



Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	0	0	.018x.025	-14	0	0	.018x.025	045/OCCL	0	4.0	4.9	6.33	R	68-161-82	69-161-82
-14	0	0	.018x.025	-14	0	0	.018x.025	045/OCCL	0	4.0	4.9	6.33	L	68-261-82	69-261-82
-14	0	0	.022x.028	-14	0	0	.022x.028	045/OCCL	0	4.0	4.9	6.33	R		69-162-82
-14	0	0	.022x.028	-14	0	0	.022x.028	045/OCCL	0	4.0	4.9	6.33	L		69-262-82

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	0	0	.018x.025	-14	0	0	.018x.025	051/OCCL	0	4.0	4.9	6.33	R		
-14	0	0	.018x.025	-14	0	0	.018x.025	051/OCCL	0	4.0	4.9	6.33	L		
-14	0	0	.022x.028	-14	0	0	.022x.028	051/OCCL	0	4.0	4.9	6.33	R		69-162-88
-14	0	0	.022x.028	-14	0	0	.022x.028	051/OCCL	0	4.0	4.9	6.33	L		69-262-88

Cetlin Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.018x.025	-14	7D	0	.028	045/OCCL	7D	4.0	4.7	6.28	R		69-161-02
-14	14D	0	.018x.025	-14	7D	0	.028	045/OCCL	7D	4.0	4.7	6.28	L		69-261-02
-14	14D	0	.022x.028	-14	7D	0	.028	045/OCCL	7D	4.0	4.7	6.28	R		69-162-02
-14	14D	0	.022x.028	-14	7D	0	.028	045/OCCL	7D	4.0	4.7	6.28	L		69-262-02



Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-14	14D	0	.018x.025	-14	7D	0	.028	045/OCCL	7D	4.0	4.7	6.28	R		69-161-01
-14	14D	0	.018x.025	-14	7D	0	.028	045/OCCL	7D	4.0	4.7	6.28	L		69-261-01
-14	14D	0	.022x.028	-14	7D	0	.028	045/OCCL	7D	4.0	4.7	6.28	R		69-162-01
-14	14D	0	.022x.028	-14	7D	0	.028	045/OCCL	7D	4.0	4.7	6.28	L		69-262-01



Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	15D	0	.018x.025	0	0	0	.018x.025	045/OCCL	0	4.0	4.8	6.1	R		69-161-07
-10	15D	0	.018x.025	0	0	0	.018x.025	045/OCCL	0	4.0	4.8	6.1	L		69-261-07
-10	15D	0	.022x.028	0	0	0	.022x.028	045/OCCL	0	4.0	4.8	6.1	R		69-162-07
-10	15D	0	.022x.028	0	0	0	.022x.028	045/OCCL	0	4.0	4.8	6.1	L		69-262-07

Maxillary
Triple Tubes First Molar

Melsen Rx



Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-10	8D	0	.022x.028	0	0	0	.022x.028	045/OCCL	0	4.0	4.95	6.1	R	68-162-17	69-162-17
-10	8D	0	.022x.028	0	0	0	.022x.028	045/OCCL	0	4.0	4.95	6.1	L	68-262-17	69-262-17

Ricketts Rx



Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
0	0	0	.018x.025	0	0	0	.018x.025	045/GING	0	4.0	4.75		R	68-161-72	69-161-72
0	0	0	.018x.025	0	0	0	.018x.025	045/GING	0	4.0	4.75		L	68-261-72	69-261-72
0	0	0	.022x.028	0	0	0	.018x.025	045/GING	0	4.0	4.75		R		69-162-72
0	0	0	.022x.028	0	0	0	.018x.025	045/GING	0	4.0	4.75		L		69-262-72



Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
0	15D	0	.018x.025	0	15D	0	.018x.025	045/GING	15D	4.0	4.75		R	68-161-73	69-161-73
0	15D	0	.018x.025	0	15D	0	.018x.025	045/GING	15D	4.0	4.75		L	68-261-73	69-262-73
0	15D	0	.022x.028	0	15D	0	.018x.025	045/GING	15D	4.0	4.75		R	68-162-73	69-162-73
0	15D	0	.022x.028	0	15D	0	.018x.025	045/GING	15D	4.0	4.75		R	68-262-73	69-262-73

Standard Rx



Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
0	6D	0	.018x.025	0	0	0	.018x.025	045/GING	0	4.0	4.8	6.28	R		69-161-52
0	6D	0	.018x.025	0	0	0	.018x.025	045/GING	0	4.0	4.8	6.28	L		69-261-52
0	6D	0	.022x.028	0	0	0	.018x.025	045/GING	0	4.0	4.8	6.28	R		69-162-52
0	6D	0	.022x.028	0	0	0	.018x.025	045/GING	0	4.0	4.8	6.28	L		69-262-52

Mandibular
Triple Tubes First Molar

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Traditional Tube | Convertible

Main Archwire Slot				Aux Slot				Extra Oral Tube		Dimensions				Reference Number	
T	O	A	Slot Size	T	O	A	Slot Size	Size/Post	Offset	Span	Wide	Hook	L/R	Bondable	Weldable
-25	4D	0	.022x.028	-25	0	0	.022x.028	045/GING	5M	4.0	4.8		R		69-362-13
-25	4D	0	.022x.028	-25	0	0	.022x.028	045/GING	5M	4.0	4.8		L		69-462-13

Maxillary
Single Tubes Second Molar

CCO® Rx



Saddle Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-20	10	0	.018x.025	3.8	1.9	3.4	R	68-171-072	69-171-072
-20	10	0	.022x.028	3.8	1.9	3.4	L	68-172-072	69-172-072
-20	10	0	.018x.025	3.8	1.9	3.4	R	68-271-072	69-271-072
-20	10	0	.022x.028	3.8	1.9	3.4	L	68-272-072	69-272-072

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-20	14D	0	.022x.028	4.2	1.8	3.14	R	68-172-14	69-172-14
-20	14D	0	.022x.028	4.2	1.8	3.14	L	68-272-14	69-272-14



GAC Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	14D	0	.018x.025	4.2	1.8	3.14	R		269-171-05
-14	14D	0	.018x.025	4.2	1.8	3.14	L		269-271-05
-14	14D	0	.022x.028	4.2	1.8	3.14	R		269-172-05
-14	14D	0	.022x.028	4.2	1.8	3.14	L		269-272-05



Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	14D	0	.018x.025	3.5			R	168-171-10	169-171-10
-14	14D	0	.018x.025	3.5			L	168-172-10	169-172-10
-14	14D	0	.022x.028	3.5			R	168-271-10	169-271-10
-14	14D	0	.022x.028	3.5			L	168-272-10	169-272-10

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	14D	0	.018x.025	4.2	1.8	3.14	R	68-171-05	69-171-05
-14	14D	0	.018x.025	4.2	1.8	3.14	L	68-172-05	69-271-05
-14	14D	0	.022x.028	4.2	1.8	3.14	R	68-271-05	69-172-05
-14	14D	0	.022x.028	4.2	1.8	3.14	L	68-272-05	69-272-05



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	14D	0	.018x.025	4.2	1.8	3.14	R	68-171-80	69-171-80
-14	14D	0	.018x.025	4.2	1.8	3.14	L	68-271-80	69-271-80
-14	14D	0	.022x.028	4.2	1.8	3.14	R	68-172-80	69-172-80
-14	14D	0	.022x.028	4.2	1.8	3.14	L	68-272-80	69-272-80



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	14D	0	.018x.025	4.0	1.8	3.14	R	68-171-15	69-171-15
-14	14D	0	.018x.025	4.0	1.8	3.14	L	68-271-15	69-271-15
-14	14D	0	.022x.028	4.0	1.8	3.14	R	68-172-15	69-172-15
-14	14D	0	.022x.028	4.0	1.8	3.14	L	68-272-15	69-272-15



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	0	0	.018x.025	4.0	1.8	3.14	R	68-171-82	69-171-82
-14	0	0	.018x.025	4.0	1.8	3.14	L	68-271-82	69-271-82
-14	0	0	.022x.028	4.0	1.8	3.14	R	68-172-82	69-172-82
-14	0	0	.022x.028	4.0	1.8	3.14	L	68-272-82	69-272-82

Maxillary
Single Tubes Second Molar

Base Rx



Dentsply Sirona Orthodontics Base Rx has prescription values that are equivalent to the Roth prescription. ROTH is a registered trademark of Roth Licensing, LLC. All rights reserved.

Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	14D	0	.018x.025	3.0	1.8	2.9	R	68-171-21	69-171-21
-10	14D	0	.018x.025	3.0	1.8	2.9	L	68-271-21	69-271-21
-10	14D	0	.022x.028	3.0	1.8	2.9	R	68-172-21	69-172-21
-10	14D	0	.022x.028	3.0	1.8	2.9	L	68-172-21	69-271-21

Euro Rx



Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	10D	0	.018x.025	3.5			R	168-171-81	169-171-81
-14	10D	0	.018x.025	3.5			L	168-271-81	169-271-81
-14	10D	0	.022x.028	3.5			R	168-172-81	169-172-81
-14	10D	0	.022x.028	3.5			L	168-272-81	169-272-81



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	10D	0	.018x.025	4.2	1.8	3.14	R	68-171-81	69-171-81
-14	10D	0	.018x.025	4.2	1.8	3.14	L	68-271-81	69-271-81
-14	10D	0	.022x.028	4.2	1.8	3.14	R	68-172-81	69-172-81
-14	10D	0	.022x.028	4.2	1.8	3.14	L	68-272-81	69-272-81

Andrews Rx



GAC Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	7	0	.018x.025	4.0	1.8	3.38	R		269-171-09
-10	7	0	.018x.025	4.0	1.8	3.38	L		269-271-09
-10	7	0	.022x.028	4.0	1.8	3.38	R		269-172-09
-10	7	0	.022x.028	4.0	1.8	3.38	L		269-272-09

Andrews Rx



Saddle Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	7D	0	.018x.025	3.5	2.0	3.04	R	68-171-242	69-171-242
-10	7D	0	.018x.025	3.5	2.0	3.04	L	68-271-242	69-171-242
-10	7D	0	.022x.028	3.5	2.0	3.04	R	68-172-242	69-171-242
-10	7D	0	.022x.028	3.5	2.0	3.04	L	68-272-242	69-171-242



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	7D	0	.018x.025	4.0	1.8	3.14	R	68-171-50	69-171-50
-10	7D	0	.018x.025	4.0	1.8	3.14	L	68-271-50	69-271-50
-10	7D	0	.022x.028	4.0	1.8	3.14	R	68-172-50	69-172-50
-10	7D	0	.022x.028	4.0	1.8	3.14	L	68-272-50	69-272-50



Traditional Tube | Non-Convertible

T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	7D	0	.018x.025	4.0	1.8	3.09	R	68-171-09	69-171-09
-10	7D	0	.018x.025	4.0	1.8	3.09	L	68-271-09	69-271-09
-10	7D	0	.022x.028	4.0	1.8	3.09	R	68-172-09	69-172-09
-10	7D	0	.022x.028	4.0	1.8	3.09	L	68-272-09	69-272-09



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	7D	0	.018x.025	3.0	1.8	2.9	R	68-171-20	69-171-20
-10	7D	0	.018x.025	3.0	1.8	2.9	L	68-271-20	69-271-20
-10	7D	0	.022x.028	3.0	1.8	2.9	R	68-172-20	69-172-20
-10	7D	0	.022x.028	3.0	1.8	2.9	L	68-272-20	69-272-20

Maxillary
Single Tubes Second Molar

Andrews Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	7D	0	.018x.025	3.0	1.8	2.9	R	68-171-24	
-10	7D	0	.018x.025	3.0	1.8	2.9	L	68-271-24	
-10	7D	0	.022x.028	3.0	1.8	2.9	R	68-172-24	
-10	7D	0	.022x.028	3.0	1.8	2.9	L	68-272-24	

Roncone Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-20	20D	0	.018x.025	4.0	1.8	3.07	R	68-171-62	69-171-62
-20	20D	0	.018x.025	4.0	1.8	3.07	L	68-271-62	69-271-62
-20	20D	0	.022x.028	4.0	1.8	3.07	R	68-172-62	69-172-62
-20	20D	0	.022x.028	4.0	1.8	3.07	L	68-272-62	69-272-62

Cetlin Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	14D	0	.018x.025	4.0	1.8	3.33	R	68-171-01	69-171-01
-14	14D	0	.018x.025	4.0	1.8	3.33	L	68-271-01	69-271-01
-14	14D	0	.022x.028	4.0	1.8	3.33	R	68-172-01	69-172-01
-14	14D	0	.022x.028	4.0	1.8	3.33	L	68-272-01	69-272-01

Balance Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	6D	0	.018x.025	4.4	1.8	3.54	R	68-171-42	69-171-42
-10	6D	0	.018x.025	4.4	1.8	3.54	L	68-271-42	69-271-42
-10	6D	0	.022x.028	4.4	1.8	3.54	R	68-172-42	69-271-42
-10	6D	0	.022x.028	4.4	1.8	3.54	L	68-272-42	69-272-42

Balance Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	6D	0	.018x.025	4.4	1.8	3.54	R		69-171-43
0	6D	0	.018x.025	4.4	1.8	3.54	L		69-271-43
0	6D	0	.022x.028	4.4	1.8	3.54	R		69-271-43
0	6D	0	.022x.028	4.4	1.8	3.54	L		69-272-43

Hasund Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	6D	0	.018x.025	4.0	1.8	2.99	R	68-171-04	69-171-04
-25	6D	0	.018x.025	4.0	1.8	2.99	L	68-271-04	69-271-04

Alternate Rx



eTube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	0	0	.018x.025	2.0	1.6	3.75	R	68-171-30	
-10	0	0	.018x.025	2.0	1.6	3.75	L	68-271-30	
-10	0	0	.022x.028	2.0	1.6	3.75	R	68-172-30	
-10	0	0	.022x.028	2.0	1.6	3.75	L	68-272-30	



eTube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	0	0	.018x.025	2.0	1.6	4.0	R	68-171-31	
0	0	0	.018x.025	2.0	1.6	4.0	L	68-271-31	
0	0	0	.022x.028	2.0	1.6	4.0	R	68-172-31	
0	0	0	.022x.028	2.0	1.6	4.0	L	68-272-31	

Maxillary
Single Tubes Second Molar

Additional Rx



eTube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	6D	0	.018x.025	4.0	1.6	3.29	R	68-171-33	
-10	6D	0	.018x.025	4.0	1.6	3.29	L	68-271-33	
-10	6D	0	.022x.028	4.0	1.6	3.29	R	68-172-33	
-10	6D	0	.022x.028	4.0	1.6	3.29	L	68-272-33	



eTube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	0	0	.018x.025	4.0	1.4	2.6	R	68-171-36	
0	0	0	.018x.025	4.0	1.4	2.6	L	68-271-36	
0	0	0	.022x.028	4.0	1.4	2.6	R	68-172-36	
0	0	0	.022x.028	4.0	1.4	2.6	L	68-272-36	



eTube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	0	0	.018x.025	4.0	1.4	2.6	R	68-171-37	
-10	0	0	.018x.025	4.0	1.4	2.6	L	68-271-37	
-10	0	0	.022x.028	4.0	1.4	2.6	R	68-172-37	
-10	0	0	.022x.028	4.0	1.4	2.6	L	68-272-37	

Mandibular
Single Tubes Second Molar

CCO® Rx



Saddle Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-20	0	-1	.018x.025	3.6	1.9	3.4	R	68-371-072	69-371-072
-20	0	-1	.018x.025	3.6	1.9	3.4	L	68-471-072	69-471-072
-20	0	-1	.022x.028	3.6	1.9	3.4	R	68-372-072	69-372-072
-20	0	-1	.022x.028	3.6	1.9	3.4	L	68-472-072	69-472-072

Base Rx



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GAC Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-30	4D	-1	.018x.025	4.0	1.8	3.36	R		269-371-80
-30	4D	-1	.018x.025	4.0	1.8	3.36	L		269-471-80
-30	4D	-1	.022x.028	4.0	1.8	3.36	R		269-372-80
-30	4D	-1	.022x.028	4.0	1.8	3.36	L		269-472-80



GAC Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	6D	0	.018x.025	4.0	1.9	3.24	R		269-371-05
-25	6D	0	.018x.025	4.0	1.9	3.24	L		269-471-05
-25	6D	0	.022x.028	4.0	1.9	3.24	R		269-372-05
-25	6D	0	.022x.028	4.0	1.9	3.24	L		269-472-05



Saddle Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	4D	0	.018x.025	3.5	2.0	3.04	R	68-371-242	
-25	4D	0	.018x.025	3.5	2.0	3.04	L	68-471-242	
-25	4D	0	.022x.028	3.5	2.0	3.04	R	68-372-242	
-25	4D	0	.022x.028	3.5	2.0	3.04	L	68-472-242	

Mandibular
Single Tubes Second Molar

Base Rx



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Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-30	4D	0	.018	3.5			R	168-371-10	169-371-10
-30	4D	0	.018	3.5			L	168-471-10	169-471-10
-30	4D	0	.022	3.5			R	168-372-10	169-372-10
-30	4D	0	.022	3.5			L	168-472-10	169-472-10



Low Profile Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	0	0	.018	3.5			R	168-371-11	169-371-11
-25	0	0	.018	3.5			L	168-471-11	169-471-11
-25	0	0	.022	3.5			R	168-372-11	169-372-11
-25	0	0	.022	3.5			L	168-472-11	169-472-11



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	4D	0	.018x.025	3.0	1.9	3.24	R	68-371-24	
-25	4D	0	.018x.025	3.0	1.9	3.24	L	68-471-24	
-25	4D	0	.022x.028	3.0	1.9	3.24	R	68-372-24	
-25	4D	0	.022x.028	3.0	1.9	3.24	L	68-472-24	



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-30	4D	-1	.018x.025	4.0	1.9	3.24	R	68-371-80	69-371-80
-30	4D	-1	.018x.025	4.0	1.9	3.24	L	68-471-80	69-471-80
-30	4D	-1	.022x.028	4.0	1.9	3.24	R	68-372-80	69-372-80
-30	4D	-1	.022x.028	4.0	1.9	3.24	L	68-472-80	69-472-80

Base Rx



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Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	6D	0	.018x.025	4.0	1.9	3.24	R	68-371-05	69-371-05
-25	6D	0	.018x.025	4.0	1.9	3.24	L	68-471-05	69-471-05
-25	6D	0	.022x.028	4.0	1.9	3.24	R	68-372-05	69-372-05
-25	6D	0	.022x.028	4.0	1.9	3.24	L	68-472-05	69-472-05



Euro Rx

GAC Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	0	0	.018x.025	3.5	1.8	3.5	R		269-371-23
-10	0	0	.018x.025	3.5	1.8	3.5	L		269-471-23
-10	0	0	.022x.028	3.5	1.8	3.5	R		269-372-23
-10	0	0	.022x.028	3.5	1.8	3.5	L		269-472-23



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	0	0	.018x.025	3.2	1.8	3.16	R	68-371-23	69-371-23
-10	0	0	.018x.025	3.2	1.8	3.16	L	68-471-23	69-471-23
-10	0	0	.022x.028	3.2	1.8	3.16	R	68-372-23	69-372-23
-10	0	0	.022x.028	3.2	1.8	3.16	L	68-472-23	69-472-23



Andrews Rx

Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	0	0	.018x.025	4.0	1.8	3.14	R	68-371-13	69-372-13
-25	0	0	.018x.025	4.0	1.8	3.14	L	68-471-13	69-471-13
-25	0	0	.022x.028	4.0	1.8	3.14	R	68-372-13	69-372-13
-25	0	0	.022x.028	4.0	1.8	3.14	L	68-472-13	69-472-13

Mandibular
Single Tubes Second Molar

Canadian Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-27	6D	-10	.022x.028	4.0	3.8	4.9	R	68-372-15	69-372-15
-27	6D	-10	.022x.028	4.0	3.8	4.9	L	68-472-15	69-472-15



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	6D	0	.018x.025	4.0	3.5	5.05	R	68-371-14	69-371-14
-25	6D	0	.018x.025	4.0	3.5	5.05	L	68-471-14	69-471-14
-25	6D	0	.022x.028	4.0	3.5	5.05	R	68-372-14	69-372-14
-25	6D	0	.022x.028	4.0	3.5	5.05	L	68-472-14	69-472-14

Balance Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	6D	0	.022x.028	4.4	1.8	3.54	R	68-372-43	
0	6D	0	.022x.028	4.4	1.8	3.54	L	68-472-43	



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	6D	0	.018x.025	4.4	1.8	3.28	R	68-371-42	69-371-42
-25	6D	0	.018x.025	4.4	1.8	3.28	L	68-471-42	69-471-42
-25	6D	0	.022x.028	4.4	1.8	3.28	R	68-372-42	69-372-42
-25	6D	0	.022x.028	4.4	1.8	3.28	L	68-472-42	69-472-42

Hasund Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	6D	0	.018x.025	4.0	1.8	2.99	R	68-371-04	69-371-04
-25	6D	0	.018x.025	4.0	1.8	2.99	L	68-471-04	69-471-04
-25	6D	0	.022x.028	4.0	1.8	2.99	R	68-372-04	69-372-04
-25	6D	0	.022x.028	4.0	1.8	2.99	L	68-472-04	69-472-04

Single Wing Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-27	6D	-6	.018x.025	4.0	2.0	3.1	R	68-371-00	69-371-00
-27	6D	-6	.018x.025	4.0	2.0	3.1	L	68-471-00	69-471-00
-27	6D	-6	.022x.028	4.0	2.0	3.1	R	68-372-00	69-372-00
-27	6D	-6	.022x.028	4.0	2.0	3.1	L	68-472-00	69-472-00

Standard Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	0	0	.018x.025	4.6	1.6	3.0	R	68-371-53	69-371-53
0	0	0	.018x.025	4.6	1.6	3.0	L	68-471-53	69-471-53
0	0	0	.022x.028	4.6	1.6	3.2	R	68-372-53	69-372-53
0	0	0	.022x.028	4.6	1.6	3.2	L	68-472-53	69-472-53



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions			Reference Number		
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	0	0	.018x.025	4.0	1.8	3.14	R	68-371-81	69-371-81
0	0	0	.018x.025	4.0	1.8	3.14	L	68-471-81	69-471-81
0	0	0	.022x.028	4.0	1.8	3.14	R	68-372-81	69-372-81
0	0	0	.022x.028	4.0	1.8	3.14	L	68-472-81	69-472-81

Mandibular
Single Tubes Second Molar

Standard Rx



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	6D	0	.018x.025	4.0	1.8	3.14	R	68-371-82	69-371-82
0	6D	0	.018x.025	4.0	1.8	3.14	L	68-471-82	69-471-82
0	6D	0	.022x.028	4.0	1.8	3.14	R	68-372-82	69-372-82
0	6D	0	.022x.028	4.0	1.8	3.14	L	68-472-82	69-472-82



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	6D	0	.018x.025	3.2	1.8	3.16	R	68-371-83	69-371-83
0	6D	0	.018x.025	3.2	1.8	3.16	L	68-471-83	69-471-83
0	6D	0	.022x.028	3.2	1.8	3.16	R	68-372-83	69-372-83
0	6D	0	.022x.028	3.2	1.8	3.16	L	68-472-83	69-472-83



Traditional Tube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	0	0	.018x.025	3.2	1.8	3.16	R	68-371-91	69-371-91
0	0	0	.018x.025	3.2	1.8	3.16	L	68-471-91	69-471-91
0	0	0	.022x.028	3.2	1.8	3.16	R	68-372-91	69-372-91
0	0	0	.022x.028	3.2	1.8	3.16	L	68-472-91	69-472-91

Additional Rx



eTube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	0	0	.018x.025	4.0	1.6	3.07	R	68-371-36	
0	0	0	.018x.025	4.0	1.6	3.07	L	68-471-36	
0	0	0	.022x.028	4.0	1.6	3.07	R	68-372-36	
0	0	0	.022x.028	4.0	1.6	3.07	L	68-472-36	

Additional Rx



eTube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	0	0	.018x.025	2.0			R	68-371-30	
-25	0	0	.018x.025	2.0			L	68-471-30	
-25	0	0	.022x.028	2.0			R	68-372-30	
-25	0	0	.022x.028	2.0			L	68-472-30	



eTube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	6D	0	.022x.028	4.0	1.6	3.07	R	68-372-35	
-25	6D	0	.022x.028	4.0	1.6	3.07	L	68-472-35	



eTube | Non-Convertible

Main Archwire Slot				Dimensions				Reference Number	
T	O	A	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	0	0	.018x.025	4.0	1.55	2.55	R	68-371-37	
-25	0	0	.018x.025	4.0	1.55	2.55	L	68-471-37	
-25	0	0	.022x.028	4.0	1.55	2.55	R	68-372-37	
-25	0	0	.022x.028	4.0	1.55	2.55	L	68-472-37	

Buccal Tubes Accessories

Convertible Cap Remover

Converting buccal tube caps is easy and safe with GAC’s Convertible Cap Remover. Just place the hook portion of the tip at the distal end of the convertible cap and firmly squeeze the trigger. The cap converts and is held by the instrument until it is safely removed from the patient’s mouth. The instrument is adjustable to allow access to hard to reach posterior regions of the mouth, and it works with tubes made by a variety of manufacturers. GAC’s Convertible Cap Remover can be cold or steam sterilized to 272° Fahrenheit.

Description	Reference Number
Convertible Cap Remover	97-990-90
Convertible Cap Remover Tip 2 Pack	97-990-91



DeVincenzo Inserts

Instead of bulky triple tubes, try GAC’s DeVincenzo’s Inserts. These ingeniously simple devices convert .045” and .051” round tubes into rectangular. They are easy to place and remove, and the torque can be set from 0 to 30°. They can also be used to elongate the tubes for expansion and mixed dentition treatment. Available individually or in packs of 20. Packs of 20 include our placer that makes torque setting and insertion easy.



Description	Reference Number
Insert- .045” to .018” - Individual	47-045-18
Pack of 20	KIT 47-045-18
Insert- .051” to .018” - Individual	47-051-18
Pack of 20	KIT 47-051-18
Insert- .051” to .022” - Individual	47-051-22
Pack of 20	KIT 47-051-22
Insert Placer - .018”	47-018-45
Insert Placer - .022”	47-022-51

Lingual Attachments - Bondable

Lingual Button

Description	Reference Number
Flat Base, Pack of 10	30-000-00
Curved Base, Pack of 10	30-000-01



30-000-00



30-000-01



Ceramic Bondable Button

Description	Reference Number
Ceramic Bondable Button, Pack of 5	21-111-11

Lingual Cleat

Description	Reference Number
Flat Base, Pack of 10	30-000-02
Curved Base, Pack of 10	30-000-03



30-000-02



30-000-03



For Flat Teeth



For Curved Teeth

Caplin Hook

Low profile, low irritation, yet highly functional, the Caplin Hook has grown in use every year since its inception 10 years ago.

Description	Reference Number
For Flat Teeth, Pack of 10	30-000-05
For Curved Teeth	30-000-06

U-Flex Hoops

Description	Reference Number
Pack of 10	30-000-10



Bite Ramps™

for full description see page 204

Description	Reference Number
Bite Ramps, Pack of 10	97-980-00

Lingual Attachments - Weldable



21-601-11



21-601-80



21-601-12



21-601-13

Lingual Button

Description	Reference Number
Small, Flat	21-601-11
Medium, Flat	21-601-12
Medium, Curved	21-601-80
Large, Flat	21-601-13

Lingual Cleat

Description	Reference Number
Small (3.3mm)	21-601-17
Medium (4.4mm)	21-601-14
Large, Debnam (5.2mm)	21-601-41
Wide (8.4mm)	21-601-15



21-601-14



21-601-16



21-601-31

Lingual Hook

Description	Reference Number
Molar Hook	21-601-16
Ball Hook	21-601-31

Lingual Sheath

Description	Reference Number	
	Left	Right
With Post, No Offset	J21-602-19	J21-601-19
Cetlin, With Post 80 Offset	J21-602-20	J21-601-20
Indent, No Post, No Offset	J21-601-60	J21-601-60
Bicuspid Lingual Sheath	J21-601-22	J21-601-21
Window, No Lock, Pack of 5	J21-601-10	J21-601-10



21-601-19



21-601-21



21-601-10



21-601-27

Eyelets

Description	Reference Number
Eyelet for Molar Distallizer	21-601-27

Seating Lug

Description	Reference Number
Flat	21-000-00
Curved	21-000-01



21-000-00

GAC Archwires



SECTION CONTENTS

131	Nickel Titanium Wires (Sentalloy Wire System) Sentalloy Neo Sentalloy BioForce PLUS Copperloy	153	Coil Springs
		157	Hooks & Stops
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147	Work-Hardened - Lowland NiTi Archwires	162	Lingual Retainers
148	High Esthetic Archwires	163	Palatal Arch Bars
149	Specialty Archwire Products Lingual	164	Lip Bumpers
		166	Accessories

Your choice in archwires is a critical decision in your quest for excellence. GAC has been recognized as a pioneer, as well as a leader, in archwire technology for over 25 years. We offer a wide selection of high quality archwires designed to treat almost any situation. Sentalloy® and Bioforce® PLUS NiTi wires offer superelastic shape memory properties unparalleled in the industry. Flexible and smooth nickel-free Resolve® Beta Titanium is manufactured in small batches to promote consistency, and reduce breakage often associated with beta titanium archwires. We also offer a wide array of high quality stainless steel, keyhole looped and multi-strand braided derivatives. Wherever your archwire needs take you, GAC delivers a solution that you can be confident in.

Sentalloy Wire System

Sentalloy wires were designed to deliver a gentle, light continuous force; moving teeth without dissipation of force and periodontal stress. The “secret” to Sentalloy’s superiority is its use of body temperature to activate the characteristics inherent in the wire, to give you superelasticity and shape memory qualities not found in competitor’s wires.

Sentalloy® Archwire Options:

Sentalloy®
Round



Initial archwire: round, superelastic NiTi, near constant force.

Neo Sentalloy®
Square or Rectangular



Intermediate archwire with body heat activation and true superelasticity with near constant force. Also available with IonGuard.

BioForce® PLUS
Square or Rectangular



Advanced archwire for early to mid treatment with forces on the same wire increasing from 80-320 grams. Superelastic and heat activation; IonGuard low friction. Also available with IonGuard.

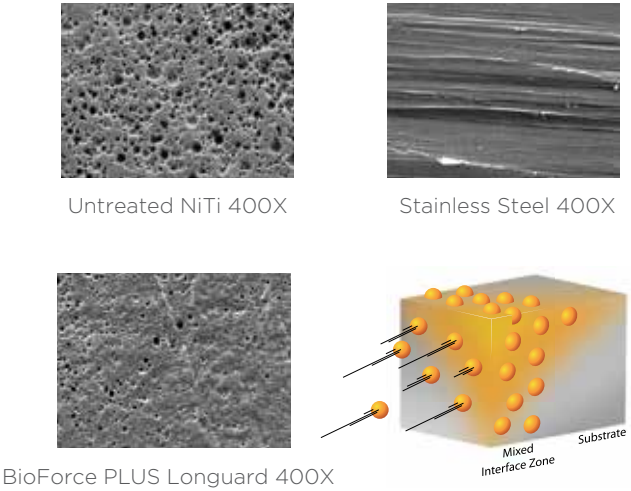
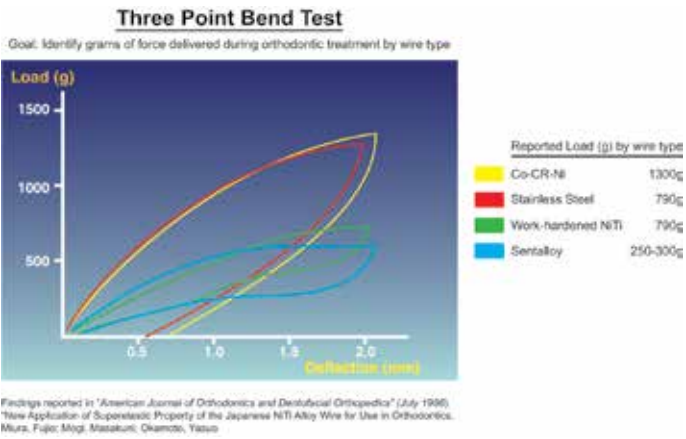
Unique Properties of Sentalloy® Superelastic Wires

Body Heat Activation
At room temperature, Sentalloy wires are soft, pliable, and easy to engage. Once warmed to body temperature the wire gently and predictably guides the teeth to the desired arch form.

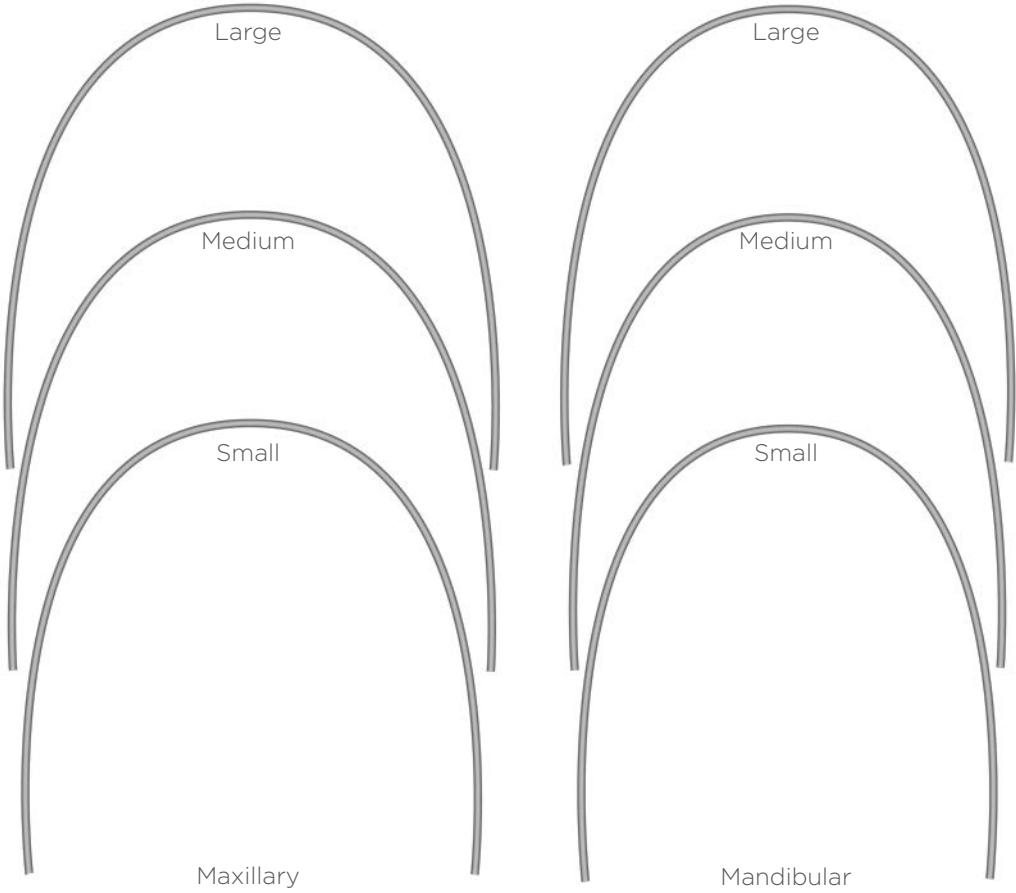
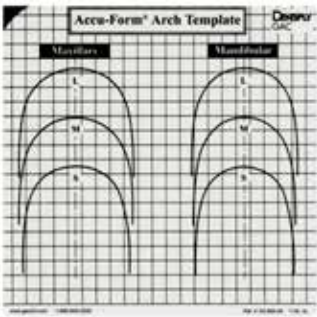
Superelasticity
Even when severely malposed, Sentalloy continues to exert its gentle, near constant forces as the tooth moves for greater efficiency.

Shape Memory Effect
Sentalloy will take displacements up to 90° without deforming. Its overwhelming desire to return to its original shape actually promotes tooth movement with fewer wire changes and fewer patient visits.

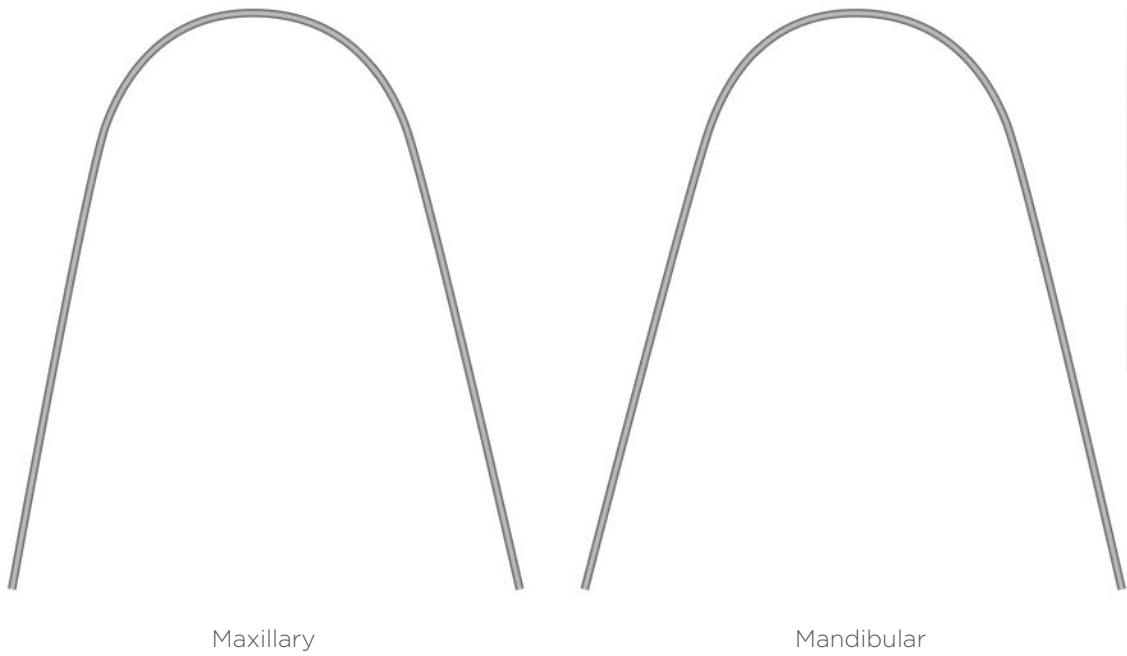
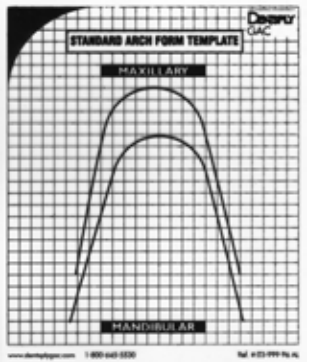
IonGuard®
Neo Sentalloy and BioForce PLUS are also available with the exclusive IonGuard process. IonGuard is not a coating; it is a fundamental change in the wire’s surface. Without changing the wire’s dimensions, the ion bombardment by nitrogen changes to titanium nitride, sealing the surface without altering any of the wire’s unique superelastic properties. The process produces sliding mechanics comparable to stainless steel, while sealing the occlusal surface to reduce nickel leaching and breakage.



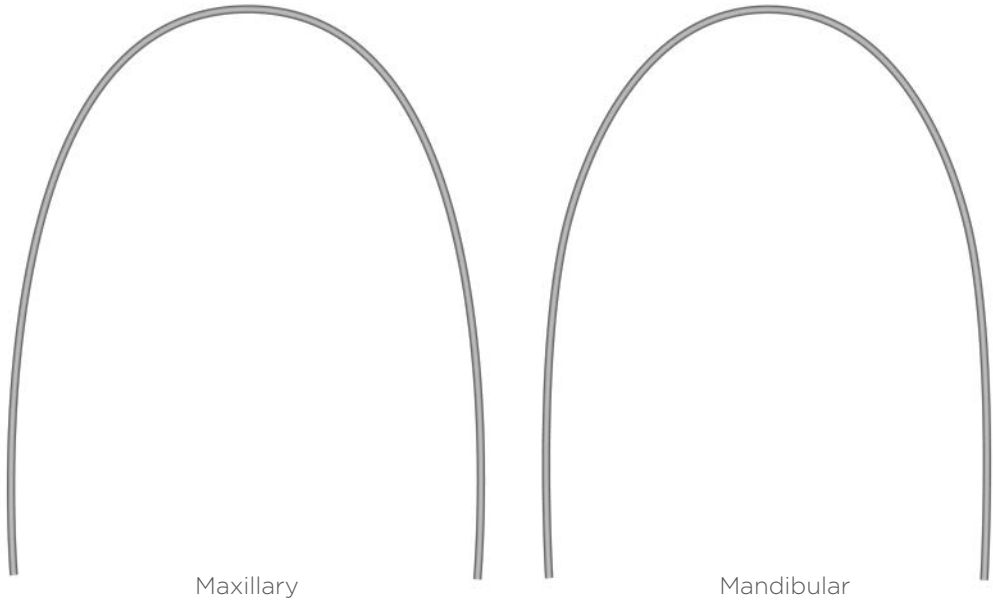
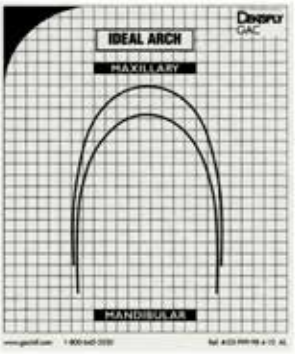
Accu-Form® Arch Form
Shown at Actual Size



Standard Arch Form
Shown at Actual Size



Ideal® Arch Form
Shown at Actual Size



ARCH FORM TEMPLATES	Reference Number
Accu-Form®	03-999-99
Ideal®	03-999-98
Standard	03-999-96



Accu-Form Arch Form



Force	Size	Reference Number Small		Reference Number Medium		Reference Number Large	
		Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
Light	.014			J02-511-012	J02-511-512		
	.016			J02-511-022	J02-511-522		
	.018			J02-511-032	J02-511-532		
	.020			02-511-042	02-511-542		
Medium	.012			J02-511-102	J02-511-602	J02-511-103	J02-511-603
	.014	02-511-111	02-511-611	J02-511-112	J02-511-612	J02-511-113	J02-511-613
	.014 dimpled			J02-511-112D	J02-511-612D		
	.016	02-511-121	02-511-621	J02-511-122	J02-511-622	J02-511-123	J02-511-623
	.016 dimpled			J02-511-122D	J02-511-622D		
	.018	02-511-131	02-511-631	J02-511-132	J02-511-632	J02-511-133	J02-511-633
	.018 dimpled			J02-511-132D	J02-511-632D		
	.020			J02-511-142	J02-511-642		
Heavy	.014			J02-511-212	J02-511-712		
	.016			J02-511-222	J02-511-722		
	.018			J02-511-232	J02-511-732		
	.020			J02-511-242	J02-511-742		

Ideal Arch Form

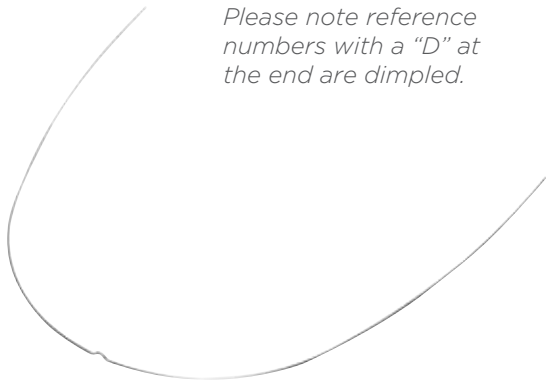


Force	Size	Reference Number Medium	
		Maxillary	Mandibular
Light	.014	J02-517-012	J02-517-512
	.016	J02-517-022	J02-517-522
	.018	J02-517-032	J02-517-532
	.020	02-517-042	02-517-542
Medium	.014	J02-517-112	J02-517-612
	.014 dimpled	J02-517-112D	J02-517-612D
	.016	J02-517-122	J02-517-622
	.016 dimpled	J02-517-122D	J02-517-622D
	.018	J02-517-132	J02-517-632
	.018 dimpled	J02-517-132D	J02-517-632D
Heavy	.020	J02-517-142	J02-517-642
	.014	J02-517-212	J02-517-712
	.016	J02-517-222	J02-517-722
	.018	J02-517-232	J02-517-732

Standard Arch Form



Force	Size	Reference Number Medium	
		Maxillary	Mandibular
Light	.014	02-510-012	02-510-512
	.016	02-510-022	02-510-522
	.018	02-510-032	02-510-532
	.020	02-510-042	
Medium	.014	J02-510-112	J02-510-612
	.016	J02-510-122	J02-510-622
	.018	J02-510-132	J02-510-632
	.020	02-510-142	02-510-642
Heavy	.014	02-510-212	02-510-712
	.016	02-510-222	02-510-722
	.018	02-510-232	02-510-732
	.020	02-510-242	02-510-742



Please note reference numbers with a “D” at the end are dimpled.

Close-Up of Dimple



7” Straight Length (Pack of 10)

Force	Size	Reference Number
Medium	.012	02-511-80
	.016	02-511-82
	.018	02-511-83



Accu-Form Arch Form



Force/Size	Reference Number Small		Reference Number Medium		Reference Number Large	
	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
80 gram						
.016” x .016”			J02-523-012	J02-523-512		
.016” x .022”			J02-523-022	J02-523-522		
100 gram						
.017” x .025”			J02-523-032	J02-523-532		
.018” x .018”			J02-523-042	J02-523-542		
.018” x .020”			J02-523-052	J02-523-552		
.020” x .020”			J02-523-072	J02-523-572		
.021” x .028”			J02-523-082	J02-523-582		
160 gram						
.016” x .016”	J02-523-111	J02-523-113	J02-523-112	J02-523-612	J02-523-611	J02-523-613
.016” x .016” dimpled			02-523-112D	02-523-612D		
.016” x .022”	02-523-121	J02-523-123	J02-523-122	J02-523-622	02-523-621	J02-523-623
.016” x .022” dimpled			02-523-122D	02-523-622D		
200 gram						
.017” x .025”	02-523-131	J02-523-133	J02-523-132	J02-523-632	02-523-631	J02-523-633
.017” x .025” dimpled			02-523-132D	02-523-632D		
.018” x .018”	02-523-141	J02-523-143	J02-523-142	J02-523-642	02-523-641	J02-523-643
.018” x .025”	02-523-151	J02-523-153	J02-523-152	J02-523-652	02-523-651	J02-523-653
.019” x .025”			J02-523-162	J02-523-662		
.020” x .020”	02-523-171	J02-523-173	J02-523-172	J02-523-672	02-523-671	J02-523-673
.021” x .028”	02-523-181	J02-523-183	J02-523-182	J02-523-682	02-523-681	J02-523-683
240 gram						
.016” x .016”			J02-523-212	J02-523-712		
.016” x .022”			J02-523-222	J02-523-722		
300 gram						
.017” x .025”			J02-523-232	J02-523-732		
.018” x .018”			J02-523-242	J02-523-742		
.018” x .025”			J02-523-252	J02-523-752		
.020” x .020”			J02-523-272	J02-523-772		
.021” x .028”			J02-523-282	J02-523-782		



Accu-Form Arch Form with IonGuard®



Size	Force	Reference Number Medium	
		Maxillary	Mandibular
.016” x .022”	80 gram		02-623-522
	160 gram	02-623-122	02-623-622
	240 gram	02-623-222	02-623-722
.018” x .018”	200 gram	02-623-142	02-623-642
.018” x .025”	200 gram	02-623-152	02-623-652
.020” x .020”	200 gram	02-623-172	02-623-672
.021” x .028”	200 gram	02-623-182	02-623-682

Neo Sentalloy®



Ideal Arch Form



Reference Number

Force/Size	Maxillary	Mandibular
80 gram		
.016" x .016"	J02-526-012	J02-526-512
.016" x .022"	J02-526-022	J02-526-522
100 gram		
.017" x .025"	J02-526-032	J02-526-532
.018" x .018"	J02-526-042	J02-526-542
.018" x .025"	J02-526-052	J02-526-552
.020" x .020"	J02-526-072	J02-526-572
.021" x .028"	02-526-082	02-526-582
160 gram		
.016" x .016"	J02-526-112	J02-526-612
.016" x .022"	J02-526-122	J02-526-622
.016" x .022" dimpled	02-526-112D	02-526-622D
200 gram		
.017" x .025"	J02-526-132	J02-526-632
.018" x .018"	J02-526-142	J02-526-642
.018" x .025"	J02-526-152	J02-526-652
.020" x .020"	J02-526-172	J02-526-672
.021" x .028"	J02-526-182	J02-526-682
240 gram		
.016" x .016"	J02-526-212	02-526-721
.016" x .022"	J02-526-222	J02-526-722
300 gram		
.017" x .025"	J02-526-232	J02-526-732
.018" x .018"	02-526-242	02-526-742
.020" x .020"	J02-526-272	J02-526-772

Standard Arch Form



Reference Number

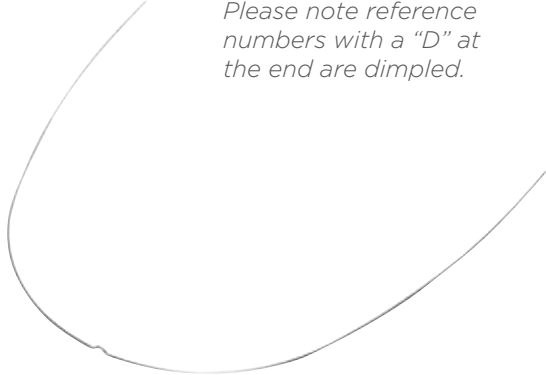
Force/Size	Maxillary	Mandibular
80 gram		
.016" x .022"	J02-522-022	J02-522-522
100 gram		
.018" x .025"	J02-522-052	J02-522-552
160 gram		
.016" x .022"	J02-522-122	J02-522-622
200 gram		
.018" x .025"	J02-522-152	J02-522-652
240 gram		
.016" x .022"	J02-522-222	J02-522-722
300 gram		
.018" x .025"	J02-522-252	J02-522-752
.021" x .028"	J02-522-282	J02-522-782

Ideal Arch Form with IonGuard®



Reference Number

Force/Size	Maxillary	Mandibular
80 gram		
.016" x .022"	02-626-022	
100 gram		
.018" x .025"	02-626-052	02-626-552
160 gram		
.016" x .022"	02-626-122	02-626-622
200 gram		
.018" x .018"	02-626-142	02-626-642
.020" x .020"	02-626-172	02-626-672



Please note reference numbers with a "D" at the end are dimpled.



Close-Up of Dimple

7" Straight Length (Pack of 10)

Force/Size

Reference Number

80 gram		
.016" x .022"		02-523-82
100 gram		
.018" x .025"		02-523-81
200 gram		
.018" x .025"		02-523-85

BioForce® PLUS

Expression through Innovation

Extreme wire bends and challenging cases can put your archwire to the test. Not only must the wire be easy to bend and engage, but it must also resist deformation and fully express the desired forces while limiting excess patient discomfort. Nickel Titanium BioForce PLUS archwires from GAC are engineered with an unmatched combination of metallurgical expertise, technological resources and clinical knowledge. As a result, they deliver an ideal combination of performance, reliability and workability.

BioForce PLUS Advantages

- Three force zones, delivering gradually increasing forces from the anterior to the posterior
- Ability to enter the working stage earlier, in many cases eliminating a wire from your sequence
- Near constant force designed for a comfortable treatment experience
- Superelastic to express even the most extreme bends
- Heat activated for ideal workability at room temperature
- Designed to take displacements up to 90° without permanent deformation
- Greater ability to release stored energy consistently when compared to beta-titanium or stainless steel wires
- Available with IonGuard to reduce friction

Numerical Force Values for Optimal Tooth Movements In grams*

Teeth	Short Roots	Med. Roots	Long Roots
Mandibular Incisors	50-55 gm	55-65 gm	65-70 gm
Mandibular Canines	85-95 gm	95-110 gm	110-130 gm
Mandibular Premolars	70-80 gm	80-90 gm	90-100 gm
Maxillary First Molars	280-300 gm	300-320 gm	320-360 gm
Maxillary Incisors	65-75 gm	75-85 gm	85-95 gm
Maxillary Lateral Incisors	65-75 gm	75-85 gm	85-95 gm
Maxillary Canines	105-115 gm	115-130 gm	130-170 gm
Premolars, Single Roots	85-100 gm	100-115 gm	115-135 gm
Premolars, Multiroots	100-110 gm	120-130 gm	130-140 gm
Mandibular First Molars	230-250 gm	250-270 gm	270-320 gm

IonGuard® Advantage

BioForce PLUS wires are also available with the patented IonGuard process. IonGuard isn't a coating, but a fundamental change to the wire surface. It creates a hard, low-friction hydrophilic surface without changing any of the wire's unique superelastic properties. BioForce Plus with IonGuard process results in a significant reduction in friction compared to untreated wires.

The Biologically Correct Archwire

BioForce PLUS uses only the ideal force needed to move the respective teeth, while preventing excessive or undesired force that can be experienced in single zone wires. The proprietary formulation is body-heat activated, starting with low, gentle forces for the anteriors, increasing toward the posterior and plateauing in the molar region. This provides the option of simultaneously leveling, aligning and initiating torque expression potentially reducing the number of archwire changes in your treatment plan.

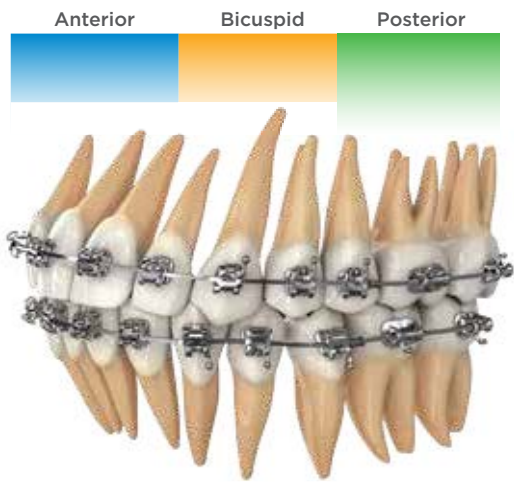
As Jarabak tabulated,* it takes less force to move a small, single rooted lower anterior tooth than a large, tri-rooted molar. BioForce PLUS is engineered to Jarabak standards.*

* "Technique and treatment with the light-wire appliances." Joseph R. Jarabak and James A. Fizzell, St. Louis, 1963, page 259.

The Anterior Region of BioForce PLUS archwires has the lowest heat-activated force, as anterior teeth have the lightest roots.

The Bicuspid Region of BioForce PLUS archwires delivers a slightly greater heat-activated force to move larger rooted bicuspids.

The Posterior Region of BioForce PLUS archwires has the greatest heat-activated force for moving the strong-rooted molars.



BioForce PLUS archwires are available in square and rectangular configuration.

BioForce® PLUS



Accu-Form Arch Form	Reference Number Small		Reference Number Medium		Reference Number Large	
	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
.016" x .016"	02-528-011	02-528-511	J02-528-012	J02-528-512	J02-528-013	J02-528-513
.016" x .022"	02-528-021	02-528-521	J02-528-022	J02-528-522	J02-528-023	J02-528-523
.016" x .022" dimpled			J02-528-022D	J02-528-522D		
.018" x .018"	02-528-041	02-528-541	J02-528-042	J02-528-542	J02-528-043	J02-528-543
.018" x .018" dimpled			J02-528-042D	J02-528-542D		
.018" x .025"	02-528-051	02-528-551	J02-528-052	J02-528-552	02-528-053	02-528-553
.019" x .025"	02-528-061	02-528-561	J02-528-062	J02-528-562	J02-528-063	J02-528-563
.020" x .020"	02-528-071	02-528-571	J02-528-072	J02-528-572	J02-528-073	J02-528-573
.020" x .020" dimpled			J02-528-072D	J02-528-572D		
.021" x .028"	02-528-081	02-528-581	J02-528-082	J02-528-582	02-528-083	02-528-583
.022" x .018"			J02-528-092	J02-528-592	02-528-093	02-528-593
.022" x .018" dimpled			02-528-092D	02-528-592D		

Please note reference numbers with a "D" at the end are dimpled.

Accu-Form Arch Form with IonGuard®	Reference Number Small		Reference Number Medium		Reference Number Large	
	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
.016" x .016"			J02-628-012	J02-628-512	J02-628-013	02-628-513
.016" x .022"	02-628-021	02-628-521	J02-628-022	J02-628-522	J02-628-023	J02-628-523
.018" x .018"	02-628-041	02-628-541	J02-628-042	J02-628-542	J02-628-043	J02-628-543
.018" x .025"	02-628-051	02-628-551	J02-628-052	J02-628-552	J02-628-053	J02-628-553
.019" x .025"			J02-628-062	J02-628-562		
.020" x .020"	02-628-071	02-628-571	J02-628-072	J02-628-572	J02-628-073	J02-628-573
.021" x .028"	02-628-081		J02-628-082	J02-628-582	02-628-083	02-628-583
.022" x .018"			02-628-092	02-628-592	02-628-093	02-628-593

Ideal Arch Form	Reference Number Medium	
	Maxillary	Mandibular
.016" x .016"	J02-529-012	J02-529-512
.016" x .022"	J02-529-022	J02-529-522
.018" x .018"	J02-529-042	J02-529-542
.018" x .018" dimpled	02-529-042D	02-529-542D
.018" x .025"	J02-529-052	J02-529-552
.019" x .025"	J02-529-062	J02-529-562
.020" x .020"	J02-529-072	J02-529-572
.020" x .020" dimpled	02-529-072D	02-529-572D
.021" x .028"	02-529-082	02-529-582
.022" x .018"	02-529-092	02-529-592

Ideal Arch Form with IonGuard®	Reference Number Medium	
	Maxillary	Mandibular
.016" x .016"	J02-629-012	J02-629-512
.016" x .022"	J02-629-022	J02-629-522
.018" x .018"	J02-629-042	J02-629-542
.018" x .025"	J02-629-052	J02-629-552
.019" x .025"	J02-629-062	J02-629-562
.020" x .020"	J02-629-072	J02-629-572
.021" x .028"	02-629-082	02-629-582
.022" x .018"	02-629-092	02-629-592



ARCHWIRES

Copperloy®

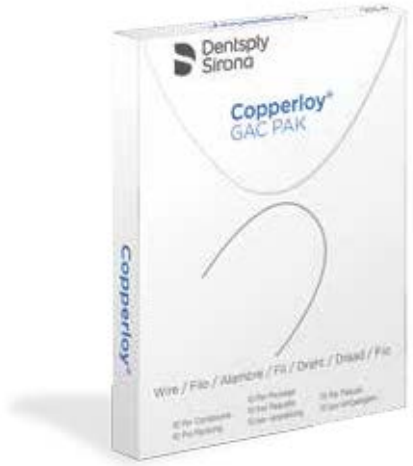


Copperloy® Nickel Titanium —The Nimble Copper Wire

The Copperloy family is designed to deliver a comfortable and efficient experience. The addition of copper enhances the thermal properties of the wire.

Unique Properties of Copperloy Superelastic Wires

- Scientifically Proven - Precision engineered Copper NiTi allows the wire to express fast, consistent movement.
- Consistent Performance - Achieve a steady, complete expression of force across all wire sizes for a more precise finishing point. Copper NiTi wires are also more resistant to permanent deformation.
- Resists Breakage - Controlled load ranges to reduce breakage.
- Easy Engagement - Due to low hysteresis, the smaller loading forces make wire engagement in the slot easier, even in severe cases. Available in a wide range of sizes, force levels and transformation temperatures. Midline-etched and select sizes available with stops.



Accu-Form Arch Form	Reference Number Medium - Temper 1		Reference Number Medium - Temper 2		Reference Number Medium - Temper 3	
	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
.013"	302-300-01	302-310-01				
.013" stop/dimpled	302-300-01STP	302-310-01STP				
.014"	302-300-02	302-310-02				
.014" stop/dimpled	302-300-02STP	302-310-02STP				
.016"	302-300-04	302-310-04	302-300-18	302-310-18		
.016" stop/dimpled	302-300-04STP	302-310-04STP	302-300-18D	302-310-18D		
.018"	302-300-06	302-310-06	302-300-20	302-310-20		
.018" stop/dimpled	302-300-06STP	302-310-06STP	302-300-20D	302-310-20D		
.014" x .025"	302-300-08	302-310-08				
.014" x .025" stop/dimpled	302-300-08STP	302-310-08STP				
.016" x .022"	302-300-10	302-310-10	302-300-22	302-310-22	302-300-36	302-310-36
.016" x .022" stop/dimpled	302-300-10STP	302-310-10STP	302-300-22D	302-310-22D		
.016" x .025"	302-300-12	302-310-12				
.016" x .025" stop/dimpled	302-300-12STP	302-310-12STP				
.017" x .017"			302-300-24	302-310-24		
.017" x .017" stop/dimpled			302-300-24D	302-310-24D		
.017" x .025"	302-300-14	302-310-14	302-300-26	302-310-26	302-300-38	302-310-38
.017" x .025" stop/dimpled	302-300-14STP	302-310-14STP	302-300-26D	302-310-26D		
.018" x .025"	302-300-15	302-310-15	302-300-28	302-310-28		
.018" x .025" stop/dimpled			302-300-28D	302-310-28D		
.019" x .025"	302-300-16	302-310-16	302-300-30	302-310-30	302-300-40	302-310-40
.019" x .025" stop/dimpled			302-300-30D	302-310-30D		
.020" x .020"			302-300-32	302-310-32		
.020" x .020" stop/dimpled			302-300-32D	302-310-32D		
.021" x .025"			302-300-34	302-310-34	302-300-42	302-310-42

Please note reference numbers with a "STP" at the end have stops, numbers with a "D" at the end are dimpled.

Copperloy®



Ideal Arch Form



Force/Size	Reference Number Medium - Temper 1		Reference Number Medium - Temper 2		Reference Number Medium - Temper 3	
	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
.013"	302-200-01	302-210-01				
.013" stop/dimpled	302-200-01STP	302-210-01STP				
.014"	302-200-02	302-210-02				
.014" stop/dimpled	302-200-02STP	302-210-02STP				
.016"	302-200-04	302-210-04	302-200-17	302-210-17		
.016" stop/dimpled	302-200-04STP	302-210-04STP	302-200-17D	302-210-17D		
.018"	302-200-06	302-210-06	302-200-18	302-210-18		
.018" stop/dimpled	302-200-06STP	302-210-06STP	302-200-18D	302-210-18D		
.014" x .025"	302-200-08	302-210-08				
.014" x .025" stop/dimpled	302-200-08STP	302-210-08STP				
.016" x .022"	302-200-10	302-210-10	302-200-19	302-210-19	302-200-26	302-210-26
.016" x .022" stop/dimpled	302-200-10STP	302-210-10STP	302-200-19D	302-210-19D		
.016" x .025"	302-200-12	302-210-12				
.016" x .025" stop/dimpled	302-200-12STP	302-210-12STP				
.017" x .017"			302-200-20	302-210-20		
.017" x .017" stop/dimpled			302-200-20D	302-210-20D		
.017" x .025"	302-200-14	302-210-14	302-200-21	302-210-21	302-200-27	302-210-27
.017" x .025" stop/dimpled	302-200-14STP	302-210-14STP	302-200-21D	302-210-21D		
.018" x .025"	302-200-15	302-210-15	302-200-22	302-210-22		
.018" x .025" stop/dimpled						
.019" x .025"	302-200-16	302-210-16	302-200-23	302-210-23	302-200-28	302-210-28
.019" x .025" stop/dimpled			302-200-23D	302-210-23D		
.020" x .020"			302-200-24	302-210-24		
.020" x .020" stop/dimpled			302-200-24D	302-210-24D		
.021" x .025"			302-200-35	302-210-25	302-200-29	302-210-29

D Arch Form



Force/Size	Reference Number Large - Temper 1	Reference Number Large - Temper 2
	Universal	Universal
.013"	302-100-00	
.013" stop/dimpled	302-100-00STP	
.014"	302-100-01	
.014" stop/dimpled	302-100-01STP	
.016"	302-100-02	302-100-10
.016" stop/dimpled	302-100-02STP	302-100-10STP
.018"	302-100-03	302-100-11
.018" stop/dimpled	302-100-03STP	302-100-11STP
.014" x .025"	302-100-04	
.014" x .025" stop/dimpled	302-100-04STP	
.016" x .022"	302-100-05	302-100-12
.016" x .022" stop/dimpled	302-100-05STP	302-100-12STP
.016" x .025"	302-100-06	
.016" x .025" stop/dimpled	302-100-06STP	
.017" x .025"	302-100-07	302-100-13
.017" x .025" stop/dimpled	302-100-07STP	302-100-13STP
.018" x .025"	302-100-08	302-100-14
.018" x .025" stop/dimpled	302-100-08STP	
.019" x .025"	302-100-09	302-100-15
.019" x .025" stop/dimpled	302-100-09STP	

Please note reference numbers with a "STP" at the end have stops, numbers with a "D" at the end are dimpled.

Resolve® Beta Titanium



GAC's Resolve Beta Titanium archwires are processed in smaller batches for greater consistency. They are then micro-finished for smoother edges and reduced friction, while the long shape offers the ability to make more bends and loops. Resolve contains no nickel that can cause allergic reactions in some patients. It can be used at any stage of treatment, but it is especially effective where moderate forces are necessary for early torque control and final detailing. High springback and flexibility with lower forces and less breakage make Resolve the new standard in Beta Titanium, and Resolve is available from GAC only.



Resolve: TiMo Alloy Wire

- Beta Titanium contains no nickel
- Low breakage
- Micro-finished for smoother finish and lower friction

Accu-Form Arch Form



Force/Size	Reference Number Small		Reference Number Medium		Reference Number Large	
	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
.016"	03-016-931	03-016-941	03-016-932	03-016-942	03-016-933	03-016-943
.018"	03-018-931	03-018-941	03-018-932	03-018-942	03-018-933	03-018-943
.016" x .022"	03-622-931	03-622-941	03-622-932	03-622-942	03-622-933	03-622-943
.017" x .025"	03-725-931	03-725-941	03-725-932	03-725-942	03-725-933	03-725-943
.018" x .018"			03-818-932	03-818-942	03-818-933	03-818-942
.018" x .025"			03-825-932	03-825-942	03-825-933	03-825-943
.019" x .025"	03-925-931	03-925-941	03-925-932	03-925-942	03-925-933	03-925-943
.021" x .025"	03-125-931	03-125-941	03-125-932	03-125-942	03-125-933	03-125-943
.022" x .018"			03-218-932	03-218-942		

Ideal Arch Form



Force/Size	Reference Number Medium	
	Maxillary	Mandibular
.016" x .022"	03-622-952	03-622-962
.017" x .025"	03-725-952	03-725-962
.018" x .018"	03-818-952	03-818-962
.018" x .025"	03-825-952	03-825-962
.019" x .025"	03-925-952	03-925-962
.021" x .025"	03-125-952	03-125-962



Resolve 14" Lengths

Size	Reference Number
.018"	03-018-97
.032"	03-032-97
.036"	03-036-97
.016" x .022"	03-622-97
.017" x .025"	03-725-99
.019" x .025"	03-925-99
.021" x .025"	03-125-99

Stainless Steel Archwires

GAC's stainless steel wire is made from premium type 304 VAR steel. It's virtually free from imperfections that can cause brittleness and breakage. Each lot is tested for brittleness using bends on wire blocks. GAC wire is Instron tensile tested both before and after heat treating – to ensure consistency, and all our wire is tested for consistent rebound and deflection using a Tinius Olsen stiffness tester. Our square, rectangular, and braided wires are shaped to the tightest standards in the industry, and laser monitored for total batch consistency. All our wire is also subjected to 100% inspection for shape, flatness, finish, and torque; and the finish is checked against color blocks to ensure consistent luster.



Tempers

- Soft:** Less stiffness and springback. Used in early treatment and for bending closing activations.
- Medium:** Our most popular archwire. A balance of springback and formability. Used throughout treatment.
- Hard:** A very stiff archwire. Best for sliding mechanics and finishing.

Preformed Wire



Accu-Form Arch Form		Reference Number Small		Reference Number Medium		Reference Number Large	
Size		Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
.014"		03-014-631	03-014-641	03-014-632	03-014-642	J03-014-633	03-014-643
.016"		03-016-631	03-016-641	03-016-632	03-016-642	03-016-633	03-016-643
.018"		03-018-631	03-018-641	03-018-632	03-018-642	03-018-633	03-018-643
.016" x .022"		03-622-631	03-622-641	03-622-632	03-622-642	03-622-633	03-622-643
.017" x .025"		03-725-631	03-725-641	03-725-632	03-725-642	03-725-633	03-725-643
.018" x .018"				03-818-632	03-818-642	03-818-633	03-818-643
.018" x .025"		03-825-631	03-825-641	03-825-632	03-825-642	03-825-633	03-825-633
.019" x .025"		03-925-631	03-925-641	03-925-632	03-925-642	03-925-633	03-925-633
.020" x .020"		03-220-631	03-220-641	03-220-632	03-220-642	03-220-633	03-220-633
.021" x .025"		03-125-631	03-125-641	03-125-632	03-125-642	03-125-633	03-125-633
.021" x .028"				03-128-632	03-128-642		
.022" x .018"				03-228-632	03-228-642		
.022" x .028"				03-218-632	03-218-642		

Preformed Wire



Standard Arch Form		Reference Number Small		Reference Number Medium		Reference Number Large	
Size		Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
.012"				03-012-61	03-012-62		
.014"		03-014-51	03-014-52	03-014-61	03-014-62		
.016"		03-016-51	03-016-52	03-016-61	03-016-62		
.018"		03-018-51	03-018-52	03-018-61	03-018-62		
.020"		03-020-51	03-020-52	03-020-61	03-020-62		
.016" x .016"		03-616-51	03-616-52	03-616-61	03-616-62		03-616-72
.017" x .017"		03-717-51		03-717-61	03-717-62		
.018" x .018"		03-818-51					
.016" x .022"		03-622-51	03-622-52	03-622-61	03-622-62	03-622-71	03-622-72
.017" x .022"		03-722-51	03-722-52	03-722-61	03-722-62		
.017" x .025"		03-725-51	03-725-52	03-725-61	03-725-62		
.018" x .022"		03-822-51	03-822-52	03-822-61	03-822-62	03-822-71	03-822-72
.018" x .025"		03-825-51	03-825-52	03-825-61	03-825-62	03-825-71	03-825-72
.019" x .025"		03-925-51	03-925-52	03-925-61	03-925-62		
.0215" x .028"		03-528-51					

Ideal Arch Form

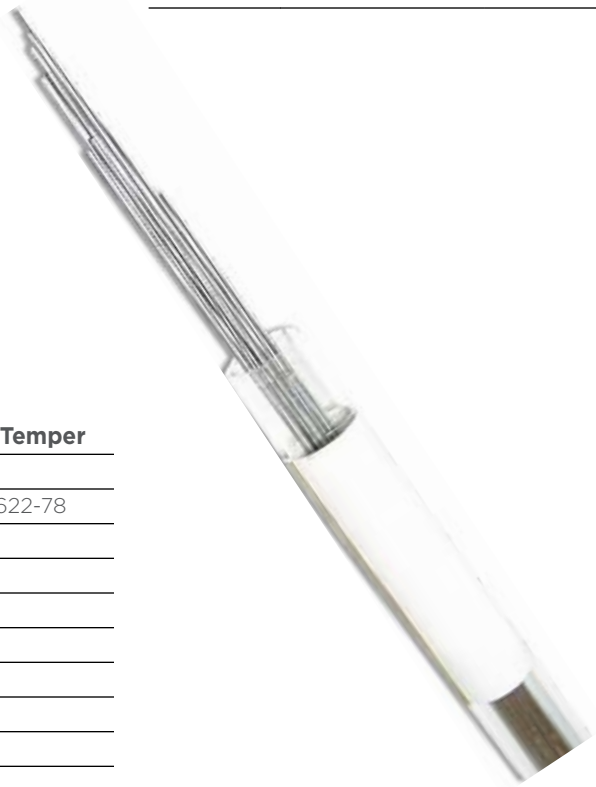
Ideal Arch Form		Reference Number Medium	
Size		Maxillary	Mandibular
.014"		03-014-652	03-014-662
.016"		03-016-652	03-016-662
.018"		03-018-652	03-018-662
.016" x .022"		03-622-652	03-622-662
.017" x .025"		03-725-652	03-725-662
.018" x .018"		03-818-652	03-818-662
.018" x .025"		03-825-652	03-825-662
.019" x .025"		03-925-652	03-925-662
.020" x .020"		03-220-65	03-220-66
.021" x .025"		03-125-652	03-125-662

Round 14" Lengths (Pack of 50)

Size	Soft Temper	Medium Temper
.014"	03-014-58	03-014-68
.016"	03-016-58	03-016-68
.018"	03-018-58	03-018-68
.020"	03-020-58	03-020-68

Square & Rectangular 14" Lengths (Pack of 10)

Size	Soft Temper	Medium Temper	Hard Temper
.016" x .016"	03-616-58	03-616-68	
.016" x .022"	03-622-58	03-622-68	03-622-78
.017" x .022"	03-722-58	03-722-68	
.017" x .025"	03-725-58	03-725-68	
.018" x .022"	03-822-58	03-822-68	
.018" x .025"	03-825-58	03-825-68	
.019" x .025"	03-925-58	03-925-68	
.021" x .025"	03-125-58	03-125-68	
.0215" x .028"	03-528-58	03-528-68	



Stainless Steel Multi-Strand

Multi-Strand wires come in the greatest variety of stiffness to meet a wide variety of applications. All GAC Multi-Strand wires are formed from 304-VAR stainless steel wound to our rigid specifications.



Original Wildcat® Wire (Pack of 10)
Springy, high tempered, three-strand twist wire.

Reference Number	
Diameter	15” Length
.015”	06-150-15
.0175”	06-175-15
.0195”	06-195-15
.0215”	06-215-15



Tricat Wire (Pack of 10)
Three twisted round wires, preformed.

Reference Number		
Diameter	Standard	Accu-Form
.016”		03-016-33
.0175”	03-175-31	03-175-33
.0195”	03-195-31	



Quad-Cat Wire (Pack of 10)
Preformed, three strand, rectangular twisted wire.

Reference Number				
Size	Maxillary	Mandibular	Maxillary	Mandibular
.016” x .016”	03-616-11		03-616-13	03-616-14
.016” x .022”	03-622-11	03-622-12	03-622-13	03-622-14
.017” x .025”	03-725-11		03-725-13	03-725-14
.019” x .025”		03-925-12	03-925-13	03-925-14



PentaCat® Wire (Pack of 10)
Coaxial wire, spooled or preformed, five strands around one.

Reference Number				
		Accu-Form		
Size	14” Straight Lengths	Maxillary	Mandibular	
.0155”	03-016-28	03-016-23	03-016-24	
.0175”	03-175-28	03-175-23	03-175-24	
.0195”	03-195-28		03-195-24	
.0215”	03-215-28			



Multibraid Arches (Pack of 10)
Eight strand, braided, edgewise wire.

Reference Number				
		Accu-Form	Standard	
Size	Maxillary	Mandibular	Maxillary	Mandibular
.016” x .016”	03-616-43	03-616-44	03-616-41	03-616-42
.016” x .022”	03-622-43	03-622-44	03-622-41	03-622-42
.017” x .025”	03-725-43	03-725-44	03-725-41	03-725-42
.018” x .025”	03-825-43	03-825-44	03-825-41	03-825-42
.019” x .025”	03-925-43	03-925-44	03-925-41	03-925-42
.021” x .025”	03-125-43	03-125-44	03-125-41	03-125-42

Stainless Steel

WildCat Lingual Retainer Wire

Our straight lengths of WildCat Retainer Wire are uniquely designed with a coarse finish, making them ideal for use as a lingual retainer. Available in packs of 10, 15” lengths of either .0175” or .0195”.



Diameter	Reference Number
.0175”	06-175-17
.0195”	06-195-17

Original Wilcock Australian Wire



For over 50 years orthodontists have relied on the unique properties of Australian wire, the bendable wire with high resiliency, high tensile strength, and an extraordinary amount of energy. Developed by Arthur Wilcock, this wire has become an industry standard. From auxiliaries to archwires to anchorage, Wilcock Australian archwire has become a staple for every office. GAC offers four grades of wire: Regular, Regular Plus, Special, and Special Plus. Available in 25’ spools of round wire and packs of 25, preformed Accu-Form rectangular arches.

Wilcock Australian Wire Grades

Regular: Easiest to bend, good for forming auxiliaries.

Regular Plus: Stiffer than regular, but still easy to form.

Special: Higher tensile strength, but can still be formed without breaking.

Special Plus: Excellent for anchorage; not easy to bend.

Reference Number				
Diameter	Regular	Regular Plus	Special	Special Plus
.014”	03-014-90	03-014-89	03-014-91	03-014-92
.016”	03-016-90	03-016-89	03-016-91	03-016-92
.018”	03-018-90	03-018-89	03-018-91	03-018-92
.020”			03-020-91	



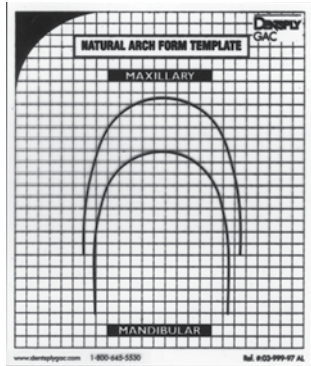
Coballoy Wire

Coballoy is an inexpensive, cobalt chromium alloy wire that is remarkably tough, yet it is more malleable than stainless steel. It can be heat treated for greater resiliency, or used without heat treatment. It can be welded or soldered and is ideal for wires that require complex bending. Coballoy is available in blue heat sensitivity.

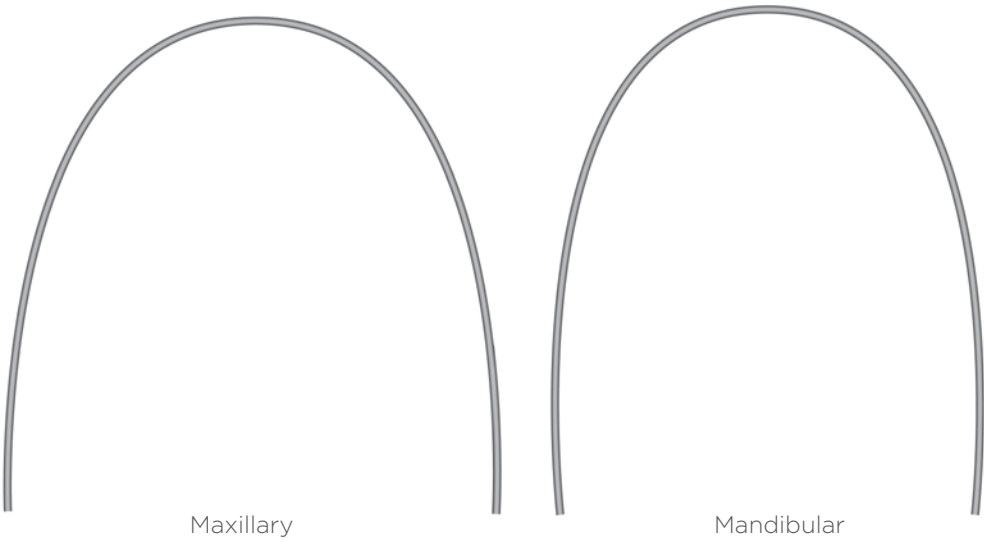
14” Lengths (Pack of 10)

Size	Reference Number
.032”	03-032-04
.036”	03-036-04
.016” x .016”	03-616-04
.016” x .022”	03-622-04
.019” x .025”	03-925-04

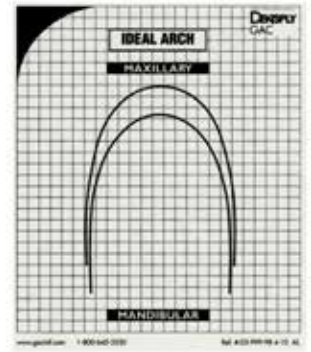




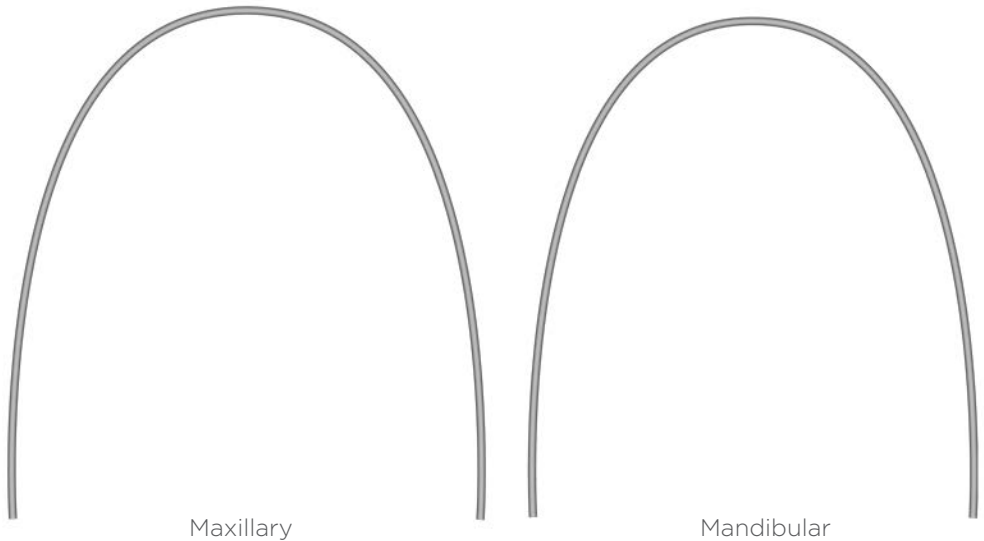
Natural Arch Form
Shown at Actual Size



ARCH FORM TEMPLATES	Reference Number
Natural	03-999-97
Euro	03-999-95



Euro Arch Form
Shown at Actual Size



Work-Hardened - Lowland NiTi

Lowland NiTi archwire features gentle, continuous forces for efficient tooth movement. Available in a wide selection of arch forms, these bendable NiTi wires provide an economical solution for a variety of applications.

Natural Arch Form	Reference Number	
	Maxillary	Mandibular
Size		
.012"	03-012-53T	03-012-54T
.014"	03-014-53T	03-014-54T
.016"	03-016-53T	03-016-54T
.018"	03-018-53T	03-018-54T
.020"	03-020-53T	03-020-54T
.016" x .016"	03-616-53T	03-616-54T
.016" x .022"	03-622-53T	03-622-54T
.017" x .025"	03-725-53T	03-725-54T
.018" x .018"	03-818-53T	03-818-54T
.018" x .022"	03-822-53T	03-822-54T
.018" x .025"	03-825-53T	03-825-54T
.019" x .025"	03-925-53T	03-925-54T
.020" x .020"	03-220-53T	03-220-54T
.021" x .025"	03-125-53T	03-125-53T

Euro Arch Form	Reference Number	
	Maxillary	Mandibular
Size		
.012"	03-012-65T	03-012-66T
.014"	03-014-65T	03-014-66T
.016"	03-016-65T	03-016-66T
.018"	03-018-65T	03-018-66T
.020"	03-020-65T	03-020-66T
.016" x .016"	03-616-65T	03-616-66T
.016" x .022"	03-622-65T	03-622-66T
.017" x .025"	03-725-65T	03-725-66T
.018" x .025"	03-825-65T	03-825-66T
.019" x .025"	03-925-65T	03-925-66T
.020" x .020"	03-220-65T	03-220-66T
.021" x .025"	03-125-65T	03-125-66T

Standard Arch Form	Reference Number	
	Maxillary	Mandibular
Size		
.014"	03-014-81T	03-014-82T
.016"	03-016-81T	03-016-82T
.018"	03-018-81T	03-018-82T
.016" x .022"	03-622-81T	03-622-82T
.017" x .025"	03-725-81T	03-725-82T



15 Foot Spools	
Size	Reference Number
.012"	03-012-40
.014"	03-014-40
.016"	03-016-40

High Esthetic Archwire

Sentalloy®
AccuForm Arch Form



Size	Reference Number Medium		Reference Number Large	
	Maxillary	Mandibular	Maxillary	Mandibular
.014"	02-711-112	02-711-612	02-711-113	02-711-613
.016"	02-711-122	02-711-622	02-711-123	02-711-623
.018"	02-711-132	02-711-632	02-711-133	02-711-633

BioForce®
AccuForm Arch Form



Size	Reference Number Medium		Reference Number Large	
	Maxillary	Mandibular	Maxillary	Mandibular
.018" x .018"	02-728-042	02-728-542	02-728-043	02-728-543
.020" x .020"	02-728-072	02-728-572	02-728-073	02-728-573



High-Esthetic Literature Sheet 120-002-01

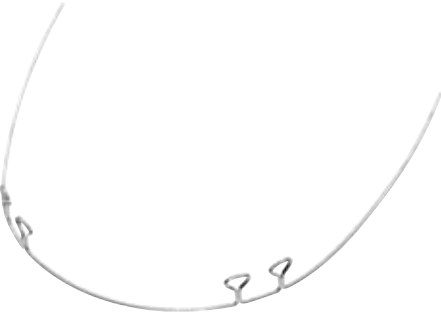
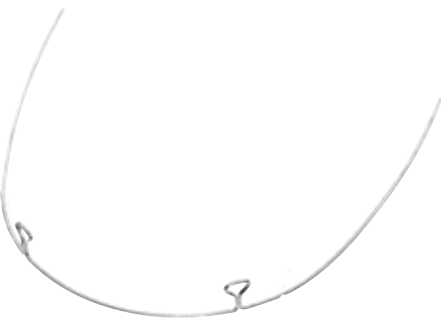
Specialty Archwires

Double Keyhole Loop Retraction Steel Wire



GAC's Double Keyhole Loop 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 22mm to 44mm, with two or four keyhole loops, as well as a kit containing 75 assorted sizes (10 of sizes 34, 36, & 38; five of all other sizes; plus a stand).

Maxillary	Reference Number		
	4 Loop	2 Loop	
	.017" x .025"	.019" x .025"	.019" x .025"
34mm	03-725-27	03-925-27	03-925-87
36mm	03-725-28	03-925-28	03-925-88
38mm	03-725-29	03-925-29	03-925-89
40mm	03-725-30	03-925-30	03-925-90
42mm	03-725-31	03-925-31	03-925-91
44mm	03-725-32	03-925-32	03-925-92
Mandibular			
22mm	03-725-21	03-925-21	03-925-81
24mm	03-725-22	03-925-22	03-925-82
26mm	03-725-23	03-925-23	03-925-83
28mm	03-725-24	03-925-24	03-925-84
30mm	03-725-25	03-925-25	03-925-85
32mm	03-725-26	03-925-26	03-925-86
Pack of 75		03-925-37	03-925-93



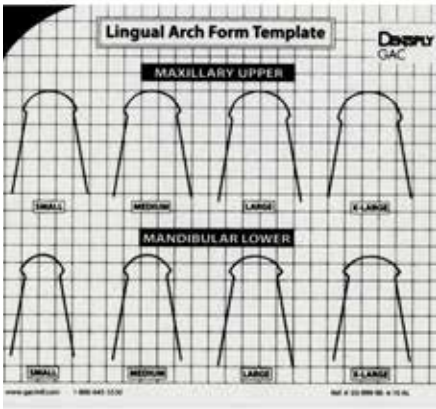
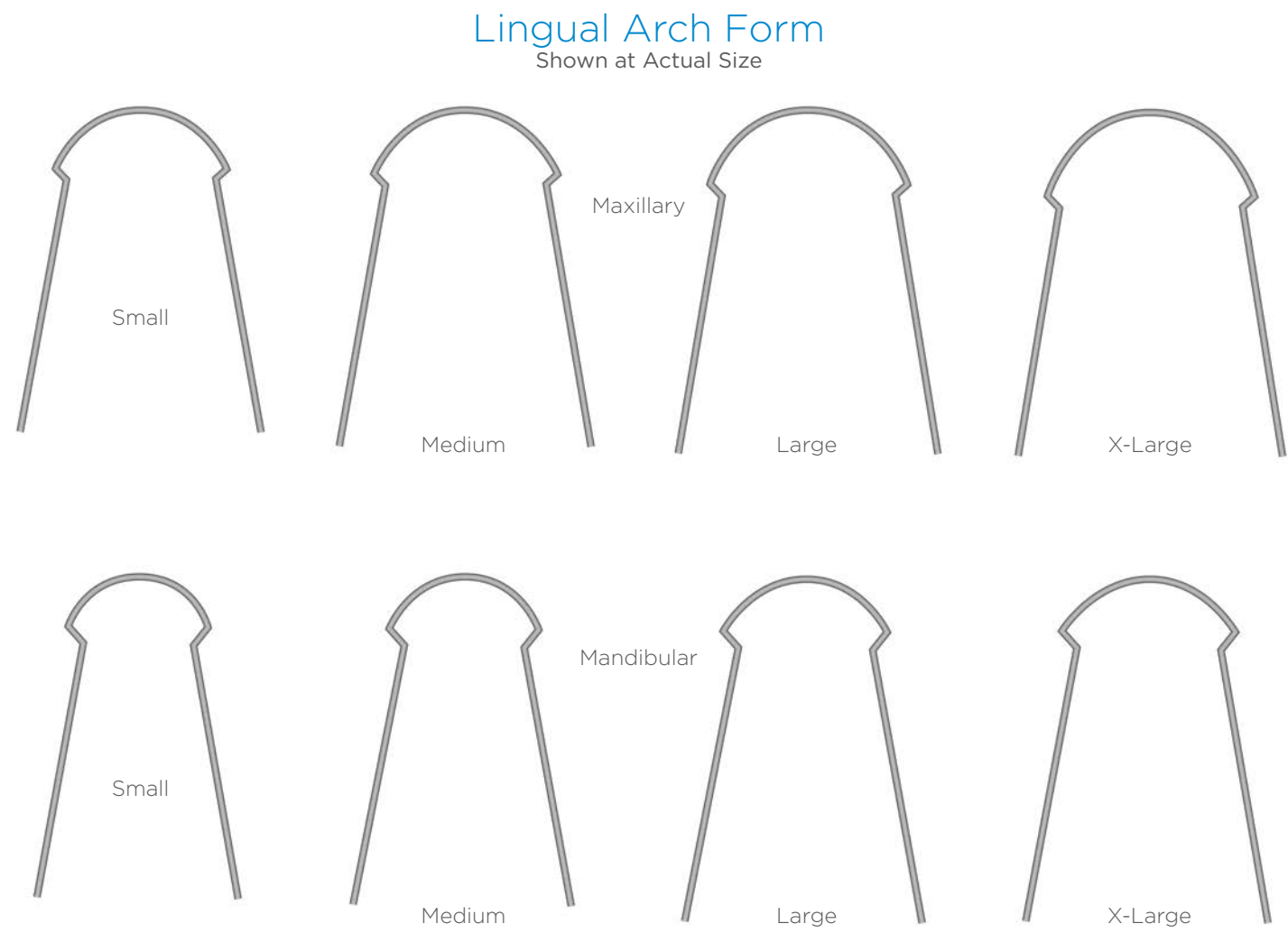
Resolve® Beta Titanium Retraction Wires



Size	Reference Number	
.016" x .022"	30mm	03-622-05
	32mm	03-622-06
	34mm	03-622-07
	36mm	03-622-08
	38mm	03-622-09
.019" x .025"	40mm	03-622-10
	30mm	03-925-05
	32mm	03-925-06
	34mm	03-925-07
	36mm	03-925-08
	38mm	03-925-09
	40mm	03-925-10



Specialty Archwires - Lingual

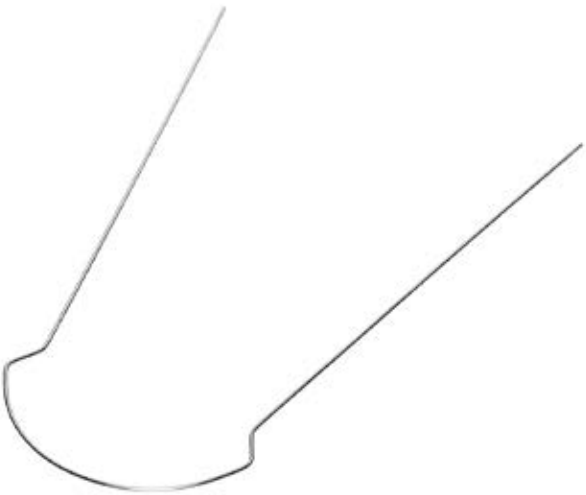


Lingual Archwire Template 03-999-90

Specialty Archwires - Lingual

Size	Reference Number							
	Small		Medium	Large		X-Large		
	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
.012"	02-911-101	02-911-601	02-911-102	02-911-602	02-911-103	02-911-603	02-911-104	02-911-604
.014"	02-911-111	02-911-611	02-911-112	02-911-612	02-911-113	02-911-613	02-911-114	02-911-614

Size	Reference Number							
	Small		Medium	Large		X-Large		
	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular
.017" x .025"	02-923-131	02-923-631	02-923-132	02-923-632	02-923-133	02-923-633	02-923-134	02-923-634



Resolve® Beta Titanium

Size	Reference Number
	Universal
.016"	03-016-000
.016" x .022"	03-622-000



Specialty Archwires - Lingual

Brass Posted Archwire

Our posted archwires combine the resiliency of stainless steel archwire with the malleability of brass for easy directional bending of the post. Available in .018" x .025" and .019" x .025". pack of 10 wires.

Reference Number .018" x .025"		
Size	Maxillary	Mandibular
22mm		93-825-10
24mm		93-825-11
26mm		93-825-12
28mm		93-825-13
30mm		93-825-14
32mm	93-825-00	
34mm	93-825-01	
36mm	93-825-02	
38mm	93-825-03	
40mm	93-825-04	

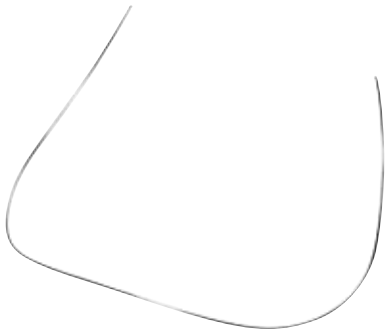


Reference Number .019" x .025"		
Size	Maxillary	Mandibular
22mm		93-925-10
24mm		93-925-11
26mm		93-925-12
28mm		93-925-13
30mm		93-925-14
32mm	93-925-00	
34mm	93-925-06	
36mm	93-925-01	
38mm	93-925-02	
40mm	93-925-04	
42mm	93-925-03	
44mm	93-925-05	

Retranol

Retranol, "The Bite Opener", reverse curve archwires, are produced from work hardened nickel titanium. This wire provides a greater working range than stainless steel wires and affords ideal dimensional stability to avoid "dumping" the anteriors during retraction. Opening the bite now requires less than half the time that was needed with stainless steel. Retranol also needs fewer archwire changes and adjustments. Throughout treatment, Retranol remains active without deforming. Available in round and rectangular, upper and lower arch forms. Packaged in boxes of 10 wires.

Reference Number		
Size	Maxillary	Mandibular
.016" round	03-016-38	03-016-39
.018" round	03-018-38	03-018-39
.016" x .022"	03-622-38	03-622-39
.017" x .025"	03-725-38	03-725-39
.018" x .025"	03-825-38	03-825-39
.019" x .025"	03-925-38	03-925-39



Intranol CTA

The NiTi memory and force properties of Intranol CTA are excellent for incisor flaring, leveling anterior occlusal cants, molar tip back, correction of minor open bites, Class II molar correction, and finishing. Available in packs of 10 in two maxillary and two mandibular forms.

Reference Number		
Size	Maxillary (34mm)	Mandibular (28mm)
.016" x .022", 15mm	97-622-95	97-622-96
.016" x .022", 22mm	97-622-97	97-622-98
.017" x .025", 15mm	97-725-95	97-725-96
.017" x .025", 22mm	97-725-97	97-725-98



Coil Springs

Super-elastic, consistent forces.

The Sentalloy® Difference.

GAC's Sentalloy Coil Springs, the first superelastic coil, delivers a gentle, continuous force to move teeth without periodontal stress. All that is needed to realize treatment objectives with Sentalloy is normal body heat, which activates the Martensitic Reaction. At other than body temperatures, the coils appear ordinary and, therefore, cannot be "bench tested". When warmed to body temperature, however, the light, continuous force, and shape memory are activated. Because of Sentalloy's superelasticity, the constant force will be exerted when activated within normal orthodontic ranges, regardless of deformation.

For the orthodontist, Sentalloy provides the ideal physiological tooth movement without patient cooperation or "round tripping". Sentalloy also allows for fewer wire changes and office visits. For the patient, the light constant force offers greater comfort and superior treatment results.

Sentalloy® Stop Wound™ Open Coil Springs

Sentalloy Stop Wound Open Coil Springs are packaged individually or in three, 7" lengths to a tube. Each length is quadruple wound every 4mm.

Sentalloy Stop Wound Open Coils with a standard lumen of .035" are available in forces of 50, 100, 150, and 200 grams. .045" compatible coils are available in 150 grams of force only.

Description	PCS	GMS	Color	Lumen	Reference Number
Extra Light	(3) 7"	50g	Black	.035	KIT10-000-27
Light	(3) 7"	100g	Blue	.035	KIT10-000-21
Medium	(3) 7"	150g	Yellow	.035	KIT10-000-22
Medium	(3) 7"	150g	Yellow	.045	KIT10-000-45
Heavy	(3) 7"	200g	Red	.035	KIT10-000-23

Sentalloy® Open Coil Springs

Open, or compression, coils are 15mm in length when passive and may be compressed to 3mm. Between these points, the coil will exert 50 (extra light), 100 (light), 150 (medium), 200 (heavy), 250 (extra heavy), or 300 (XX heavy) grams of force until 14mm, and then the force falls to 0 as it becomes passive again. No distortion will occur during movement. These low forces limit patient discomfort and ensure good circulation in the periodontal pocket during movement. Typically, you will see 4mm of space opened in three months (this varies depending on the age and health of the patient).

Description	PCS	GMS	Color	Reference Number
Extra Light	(10) 15mm	50g	Black	10-000-24
Light	(10) 15mm	100g	Blue	10-000-09
Medium	(10) 15mm	150g	Yellow	10-000-08
Heavy	(10) 15mm	200g	Red	10-000-07
Extra Heavy	(10) 15mm	250g	Green	10-000-17
XX Heavy	(10) 15mm	300g	White	10-000-19

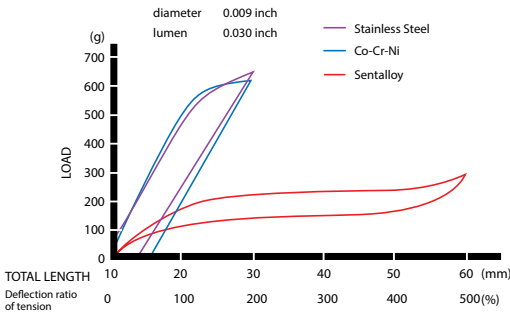


Fig. 1. Comparative load deflection curves for Sentalloy closed coil spring and commercially available stainless steel closed coil springs.¹

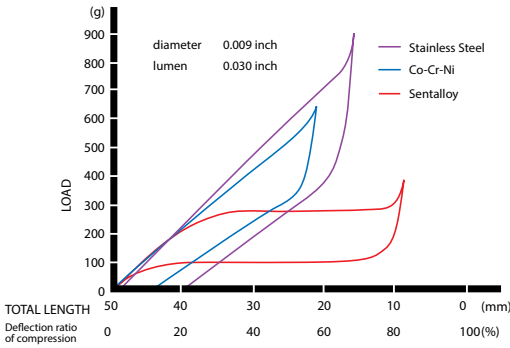
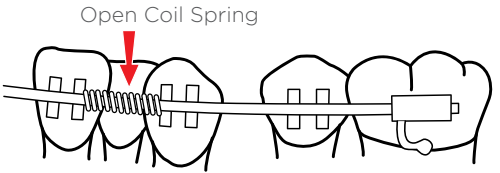


Fig. 2. Comparative load deflection curves for Sentalloy open coil spring and commercially available Co-Cr-Ni open coil springs.¹



Sentalloy Stop Wound Open Coil Springs



Open Coil Spring

¹Miura F, Mogi M., Ohura Y, Karibe M., The Super-Elastic Japanese NiTi Alloy Wire for use in Orthodontics Part III Studies on the Japances NiTi Alloy Coil Springs, AMJ OR-THO DENTOFAC ORTHOP 1988; 94: 89-96.

Coil Springs

Sentalloy® Closed Coil Springs

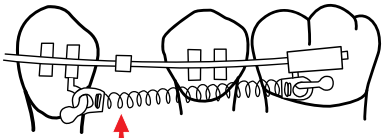
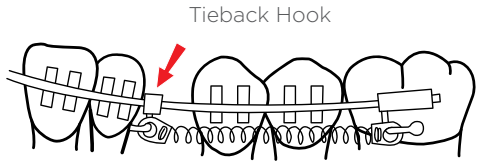
Closing spaces with closed Sentalloy coil springs brings unprecedented results. Two designs are available:

1: Two eyelets: The initial length is 3mm unactivated (this does not include the eyelet lengths). These can be activated to 15mm without any deformation or change in force. No change in force will be seen as the coil contracts, reducing the space. To engage, slide over a molar hook and slowly stretch to the post on the cuspid bracket or a sliding hook on the archwire. Use a locking Mattieu plier on the widened platform of the eyelet. If you do not use the cuspid post, tie the archwire to the tooth you wish to move, slide on the sliding hook, then tie in the balance of the wire. Now engage the spring as above.

2: For an eyelet with ligature wire, you have the option of hooking the eyelet on the molar, then activating the spring and tying it to the cuspid bracket with the .008” ligature wire. Should you wish to span an area greater than 15mm, measure the span first. Then place the coil on the molar hook and activate the coil 10mm. Tie the ligature wire to the bracket.

Closed Coil Spring with Eyelit

Description	PCS	GMS	Color	Reference Number
Ultra Light	(10) 3mm	25g	Purple	10-000-26
Extra Light	(10) 3mm	50g	Black	10-000-25
Light	(10) 3mm	100g	Blue	10-000-03
Medium	(10) 3mm	150g	Yellow	10-000-02
Heavy	(10) 3mm	200g	Red	10-000-01
Extra Heavy	(10) 3mm	250g	Green	10-000-18
Anterior Retraction	(10) 3mm	300g	White	10-000-20



Closed Coil Spring

Closed Coil Spring with Ligature Wire

Description	PCS	GMS	Color	Reference Number
Light	(10) 3mm	100g	Blue	10-000-06
Medium	(10) 3mm	150g	Yellow	10-000-05
Heavy	(10) 3mm	200g	Red	10-000-04

Anterior Retracting Springs

Anterior Retracting Springs are available for segmented retraction of the maxillary four incisors. The increased force in these springs was designed to overcome the resistance of the roots and the rectangular archwire. Stops may be set on the archwire to ensure the proper destination. The eyelets are engaged from our crimped hook or an archwire lock to the molar hook. Expect 1mm of movement per month of activation.

Coil Springs

Sentalloy® Coil Springs Kits

Two kits with an assortment of springs and force values are available for your convenience.

Description	PCS	Name	GMS	Color	Reference Number
.018 Sentalloy Coil Springs Kit					10-001-00
<i>Each .018 Kit Contains the Following:</i>					
Closed Coil w/ Eyelets	(4) 3mm	Light	100g	Blue	10-000-03
Closed Coil w/ Eyelets	(4) 3mm	Medium	150g	Yellow	10-000-02
Closed Coil w/ Eyelets	(4) 3mm	Heavy	200g	Red	10-000-01
Closed Coil w/ Lig Wire	(4) 3mm	Light	100g	Blue	10-000-06
Closed Coil w/ Lig Wire	(4) 3mm	Medium	150g	Yellow	10-000-05
Closed Coil w/ Lig Wire	(4) 3mm	Heavy	200g	Red	10-000-04
Open Coil	(4) 15mm	Light	100g	Blue	10-000-09
Open Coil	(4) 15mm	Medium	150g	Yellow	10-000-08
Open Coil	(4) 15mm	Heavy	200g	Red	10-000-07
Crimpable Sliding Hook	(10)	.018 x .028			
Crimpable Stop Tube	(10)	.018 x .028			

.022 Sentalloy Coil Springs Kit					10-002-00
<i>Each .022 Kit Contains the Following</i>					
Closed Coil w/ Eyelets	(4) 3mm	Light	100g	Blue	10-000-03
Closed Coil w/ Eyelets	(4) 3mm	Medium	150g	Yellow	10-000-02
Closed Coil w/ Eyelets	(4) 3mm	Heavy	200g	Red	10-000-01
Closed Coil w/ Lig Wire	(4) 3mm	Light	100g	Blue	10-000-06
Closed Coil w/ Lig Wire	(4) 3mm	Medium	150g	Yellow	10-000-05
Closed Coil w/ Lig Wire	(4) 3mm	Heavy	200g	Red	10-000-04
Open Coil	(4) 15mm	Light	100g	Blue	10-000-09
Open Coil	(4) 15mm	Medium	150g	Yellow	10-000-08
Open Coil	(4) 15mm	Heavy	200g	Red	10-000-07
Crimpable Sliding Hook	(10)	.022 x .028			
Crimpable Stop Tube	(10)	.022 x .028			

Coil Springs

Alpern Sentalloy InterArch Coil Springs

Designed for patients with compliance problems, our Alpern Sentalloy InterArch Coil Springs are sheathed to reduce breakage and provide a near constant 250 gram pull for sure and predictable results. Packs of 2. Kit of 18 contains (4) 12mm; (8) 15mm; (2) 22mm.

Size	Reference Number
12mm	10-010-00
15mm	10-010-01
18mm	10-010-02
22mm	10-010-03



Nubryte Closed Coil (three feet per spool)

Size	Reference Number
.008" x .022"	03-822-80
.010" x .030"	03-130-80



Nubryte Open Coil (three feet per spool)

Size	Reference Number
.008" x .022"	03-822-89
.010" x .030"	03-130-89
.010" x .040"	03-140-89



Nubryte NiTi Open Coil 15" (three feet per spool)

Size	Reference Number
.010" x .030"	03-130-99



Hooks and Stops

Crimpable Hooks and Stops

Description	.018"	.022"
Solid, 2mm (Pack of 40)	47-132-00	47-134-00
Solid, 3.5mm (Pack of 40)	47-133-00	47-135-00
Solid Stop (Pack of 20)	47-00-18	47-000-22
Surgical Hook (Pack of 10)		47-601-34KIT
Straight Elastic Hook, Split, 2mm (Pack of 40)		47-136-00
Crimpable Split Stop (Pack of 20)	47-601-22	
Crimpable Split Hook (Pack of 10)	47-601-21	
Crimpable Hook, .018" (Pack of 10)		47-601-36
T-Bar Surgical Hook, Universal (Pack of 10)		47-601-39



47-000-18



47-601-21



47-136-00



47-132-00



47-601-39



47-601-34KIT



47-601-36



47-601-22

Sliding Hooks and Stops

Our MIM Sliding Hooks and Stop Tubes are designed to take full advantage of Sentalloy's Shape Memory. The wire actually deforms and returns to its prior shape. So when a Sliding Hook or Stop Tube is crimped, the wire will return to its normal size, retain its full elasticity, and keep the hook or stop secured. Designed for both .018" and .022".

Description		Reference Number
Sliding Hook	.018" x .025" (Pack of 10)	10-000-10
Sliding Hook	.022" x .028" (Pack of 10)	10-000-11
Stop Tube	.018" x .025" (Pack of 10)	10-000-15
Stop Tube	.022" x .028" (Pack of 10)	10-000-16



Crowder Stops

Our Crowder Stops are ideal for easy crimping to Sentalloy archwires. The special design of the tube allows quick and sure installation. Crowder Stops are excellent to keep wires from rotating out of tubes, for stops with Sentalloy Coils, and limiting between appointment movements. There are two sizes: .012"/.016" for small round wires and .018"/.025" for larger wires; and 2mm and 3mm widths for better control.

	2mm
Crowder Stops (Pack of 100) .012/.016	47-602-00



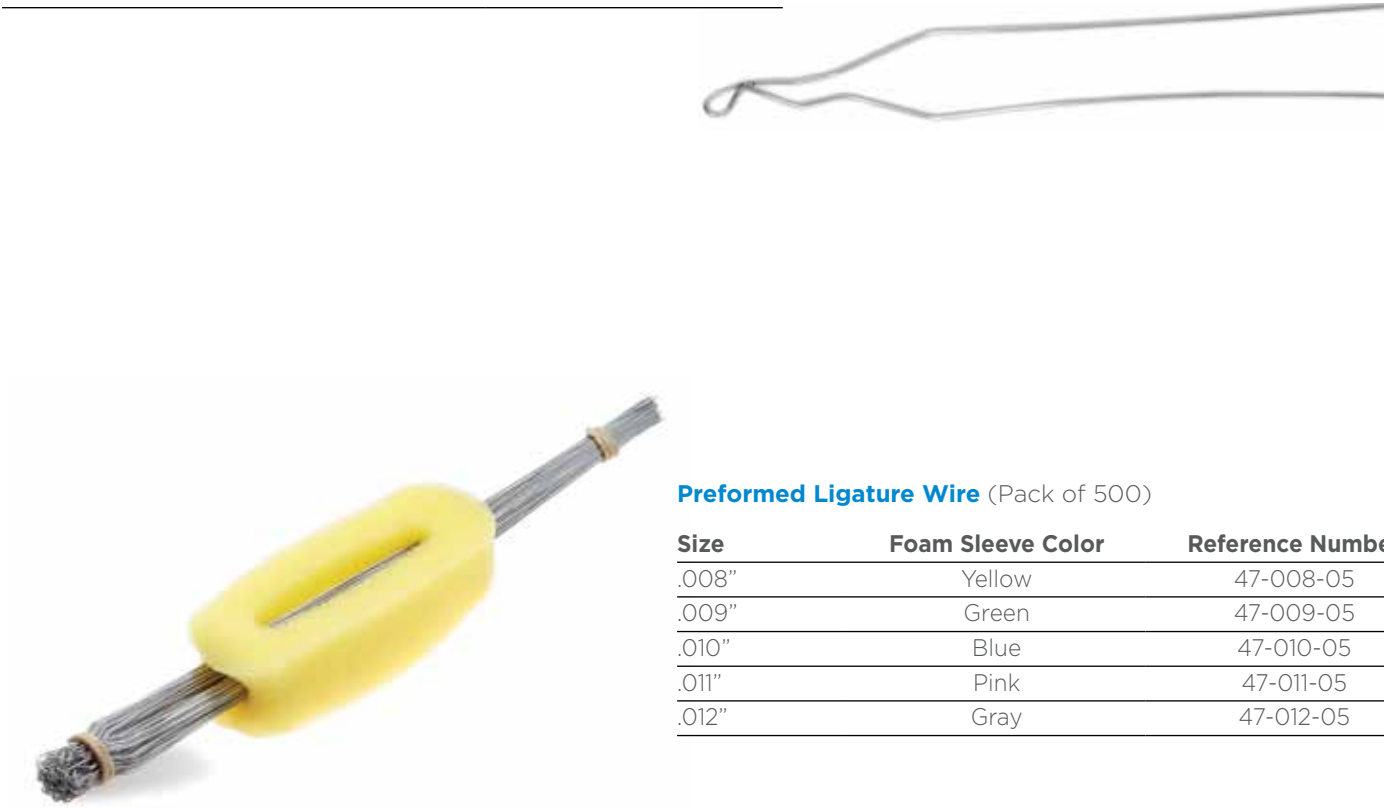
Preformed Hooks and Ligature Wires

Kobayashi Hooks and Ligature Wires

Time-saving Kobayashi Hooks are easily tied in place without removing the archwire. Our MicroArch Kobayashi Hooks are streamlined for easier and quicker tying of today’s mini brackets. All GAC “Kobies” are made from pliable stainless steel with a weld that is guaranteed not to fail. Our Kobayashi Hooks are available in diameters of .012” and .014”.

Standard Kobayashi Hooks	Reference Number
.012” Pack of 100 (Gray Foam Sleeve)	03-000-12
.014” Pack of 100 (Yellow Foam Sleeve)	03-000-14
.014” Pack of 200 (Short) Twisted	03-200-14

MicroArch Kobayashi Hooks	Reference Number
.012”, Pack of 100	03-002-12



Preformed Ligature Wire (Pack of 500)

Size	Foam Sleeve Color	Reference Number
.008”	Yellow	47-008-05
.009”	Green	47-009-05
.010”	Blue	47-010-05
.011”	Pink	47-011-05
.012”	Gray	47-012-05

Tooth Shade (Pack of 100)

Description	Size	Reference Number
Tooth Shade	.012”	47-012-00



Preformed Hooks and Ligature Wires

Twist-Mate

For placement, tightening, and easy release of Twist-Ties.

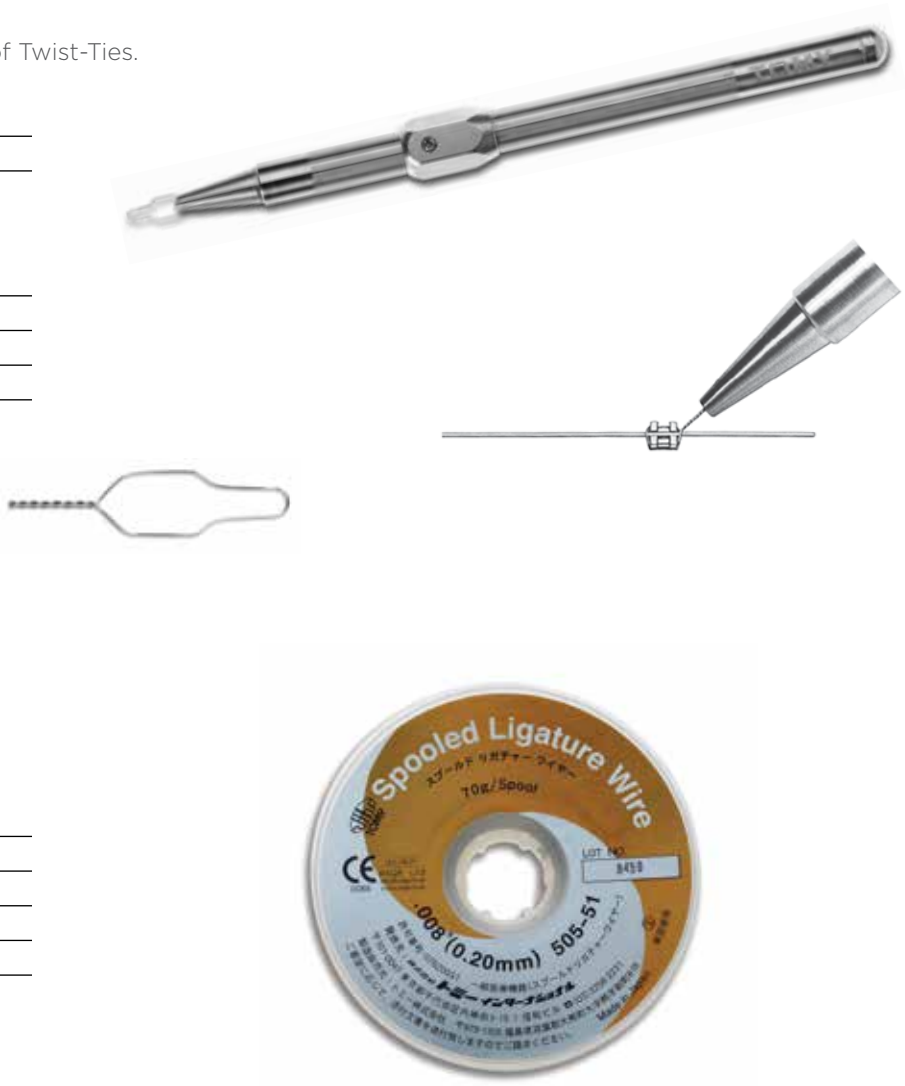
Description	Reference Number
Twist-Mate	47-250-00

Twist Ties (Pack of 100)

Size	Reference Number
.010”	47-010-10
.010” angled	03-001-10
.012”	47-012-10

Ligature Wire Spool (Pack of 100)

Description	Reference Number
.008”	47-505-51
.010”	47-505-52
.011”	47-505-53
.012”	47-505-54



Rotating and Uprighting Springs

GAC's Rotating and Uprighting Springs have Sentalloy's shape memory that provides external activation together with a near constant light force. A perfect auxiliary for GAC's line of Vertical Slot brackets. Note: Rotating Springs cannot be used with Micro-Loc Brackets. Designed by Dr. Ranieri Locatelli

Rotating Springs

Description	Size	Reference Number
Upper Right/Lower Left	6mm	10-003-01
Upper Left/Lower Right	6mm	10-003-02

Uprighting Springs

Description	Reference Number
Left	02-000-01
Right	02-000-00

V-Slot Rotation Springs (Pack of 50)

Description	Reference Number
Left	03-357-01
Right	03-357-02

V-Slot Omni-Hook (Pack of 50)

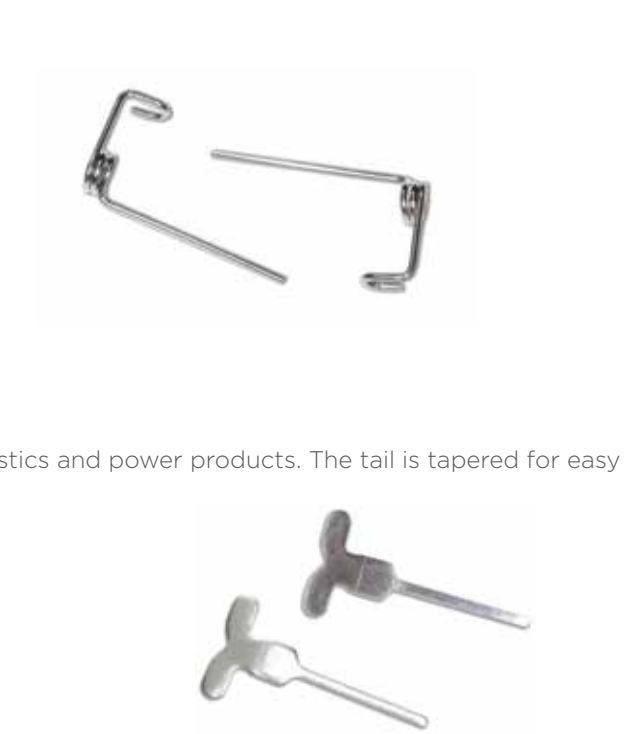
GAC's V-Slot Omni-Hook is designed for the easy engagement of elastics and power products. The tail is tapered for easy bending, and the square design prevents rotation after engagement.

Description	Reference Number
Omni-Hook	03-000-00



Bi-Dimensional Uprighting Springs (Pack of 10)

Description	Reference Number
Left	03-000-02
Right	03-000-03

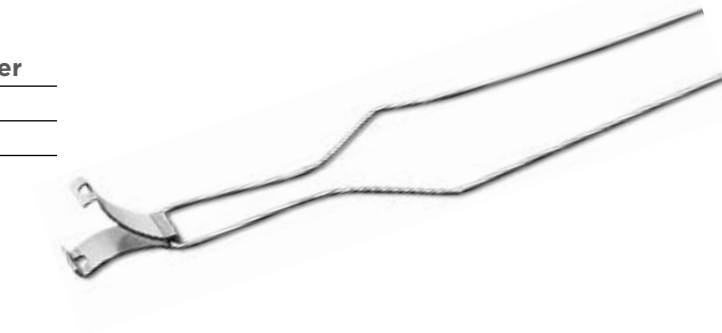


Wedges

Steiner Wedge (Pack of 10)

Steiner Wedge assembly on .011" ligature

Description	Reference Number
Small	03-300-01
Large	03-300-02



Elastomeric Rotation Wedges (Pack of 100)

For easy, single tooth rotation, our wedge acts as a fulcrum between the bracket and the archwire. Available in clear and gray, 10 sticks of 10 wedges per package.

Description	Clear	Gray
Rotation Wedges	97-777-77	97-777-88



Neet NiTi Separators

Combining the shape memory of Nickel Titanium with an advanced design, Neet Separators allow an easier separation of adjacent teeth. Available in small for anterior's and large for posterior separation. Neet Separators offer an efficient alternative to traditional methods of separation. Pack of 25 in .018" wire.

Description	Reference Number
Small	03-018-98
Large	03-018-99



Archwire Tubing (Ten foot spool)

Size	Clear	Gray
.018"	97-700-00	97-710-00
.022"	97-700-10	97-710-10



Lingual Retainers

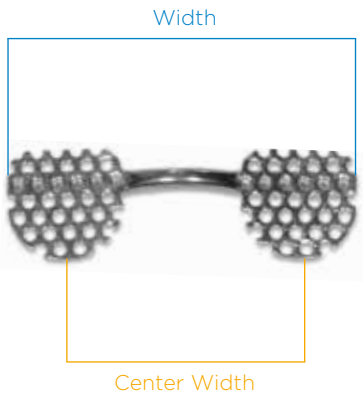
Preformed Lingual Retainers

GAC offers a full line of lingual retainers including our light cure series of lingual retainers which can be used with any adhesive. Central to central holds disastemas.

Cuspid to Cuspid Size/Width	Reference Number	
	Mesh	Light Cure
30mm	48-030-30	48-130-30
31mm	48-030-31	48-130-31
32mm	48-030-32	48-130-32
33mm	48-030-33	48-130-33
34mm	48-030-34	48-130-34
35mm	48-030-35	48-130-35
36mm	48-030-36	48-130-36
37mm	48-030-37	48-130-37
38mm	48-030-38	48-130-38
39mm	48-030-39	48-130-39
Kit of 20 Assorted Sizes	KIT48-020-00	KIT48-120-00



Central to Central Size	Width	Center Width	Reference Number	
			Mesh	Light Cure
Small	10.6mm	7.1mm	48-001-01	48-101-01
Medium	11.7mm	8.2mm	48-001-02	48-101-02
Large	12.8mm	9.3mm	48-001-03	48-101-03



Palatal Arch Bars

Our exclusive high-performance PAB is made of special spring temper wire, making heat treatment unnecessary. It features a mesial Coffin loop, while the double back has a short leg providing greater working space. The wire allows a consistent amount of force with each activation. Upon insertion into the sheath, there is no loss of force due to the low deflection rate of the wire. Available with mesial or distal Coffin loop.

Mesial Loop PAB

Our specially tempered wire provides more predictable tooth control. The loop is mesial for less tongue interference and easier adjustability. Our double back into the sheath is a true .036" x .072" for a firm, exact fit each time; and the double back is available in both regular (5mm) and long (7mm) arm. For best results, our PABs should be used with our exclusive Cetlin Lingual Sheaths.



Regular Size	Reference Number	Size	Reference Number
35	49-531-35	47	49-531-47
37	49-531-37	49	49-531-49
39	49-531-39	51	49-531-51
41	49-531-41	53	49-531-53
43	49-531-43	55	49-531-55
45	49-531-45		
Kit of 40 in assorted sizes			KIT49-500-40

Long Arm Size	Reference Number	Size	Reference Number
37	49-531-37L	47	49-531-47L
39	49-531-39L	49	49-531-49L
41	49-531-41L	51	49-531-51L
43	49-531-43L	53	49-531-53L
45	49-531-45L	55	49-531-55L

Mesial Loop PAB with 45° Angle

Our mesial loop PABs are also available with a 45° angle at the terminals for even easier modeling.



Regular Size	Reference Number	Size	Reference Number
35	49-532-35	47	49-532-47
37	49-532-37	49	49-532-49
39	49-532-39	51	49-532-51
41	49-532-41	53	49-532-53
43	49-532-43	55	49-532-55
45	49-532-45		
Kit of 40 in assorted sizes			KIT49-700-40

Distal Loop Palatal Arch Bar

GAC also offers a palatal arch bar with a distal Coffin loop. The design features our 75 Burnell hardness that, when used with our patented Cetlin lingual sheath, delivers activation gently and efficiently.



Regular Size	Reference Number	Size	Reference Number
35	49-530-35	47	49-530-47
37	49-530-37	49	49-530-49
39	49-530-39	51	49-530-51
41	49-530-41	53	49-530-53
43	49-530-43	55	49-530-55
45	49-530-45		
Kit of 40 in assorted sizes			KIT49-530-40

Lip Bumpers

Ideal® Lip Bumper

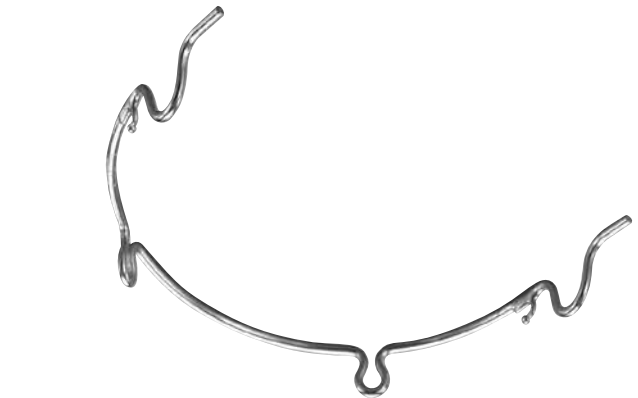
Our Ideal Lip Bumper provides greater patient comfort while allowing easier height adjustment. The molding is thin on the occlusal and is cushioned gingivally. The translucent color is appealing to both male and female patients. The tie back hook is mesial to the sizing loop for maximum adjustability, and the 36” arch form allows lateral expansion while maintaining cuspid relationships. For .045” tubes.



Size	Reference Number	
	For 1st Molar	For 2nd Molar
0	09-045-30	
1	09-045-31	
2	09-045-32	
3	09-045-33	
4	09-045-34	09-045-35
5		09-045-36
6		09-045-37
7		09-045-38
8		
Kit of 25	KIT09-045-88	

Cetlin® Lip Bumper

This Lip Bumper has double loops. The posterior loops act as stops and are opened to increase sagittal length and transverse width. The length of the posterior leg can be altered to affect the vertical height. The anterior loops help to protect the dentoalveolar area from the cheeks and the musculature. They may also be used on later stages for Class III mechanics. For .045” tubes.



Size	Reference Number	
	For 1st Molar	For 2nd Molar
0	09-045-00	
1	09-045-01	
2	09-045-02	
3	09-045-03	
4	09-045-04	
5		09-045-05
6		09-045-06
Kit of 25	KIT09-045-99	

Molded Lip Bumper

The anterior region of this lip bumper is molded with a thick coating for greater comfort and is especially effective when anterior movement is desired. Terminals are .045” and the bumpers are sized 0-4. Universal size is available without sizing loops.



Size	Reference Number	
	For 1st Molar	For 2nd Molar
Universal	09-045-09	
0	09-045-10	
1	09-045-11	
2		09-045-12
3		09-045-13
4		09-045-14

Lip Bumpers

Nylon Coated Lip Bumper

This series of lip bumpers features a think nylon coating for maximum adjustability. The Accu-Form arch shape allows the arch to develop to its natural form without adjustments during use. The anterior segment can easily be adjusted to control anteriors. Also available with tie back hook mesial to sizing loop.

Size	For 1st Molar	Reference Number	
		With Hook	For 2nd Molar With Hook
0	09-045-40		
1	09-045-41	09-045-20	
2	09-045-42	09-045-21	
3	09-045-43	09-045-22	
4	09-045-44	09-045-23	
5		09-045-24	09-045-45 09-045-25
6			
7			09-045-27
8			09-045-28

CG Lip Bumper

The CG lip bumper provides greater patient comfort with a reduced occluso-gingival height and rounded edges of the bondable molding. Its neutral color is appealing to the majority of patients. It has a reverse centered “V” bend to prevent impingement of the labial frenum when placing the lip bumper deeper in the vestibule.

The CG lip bumper also comes in two configurations for increased versatility. The first configuration has equal mesial and distal legs of the sizing loops. This facilitates the placement of the labial bow height at or near the enamel gingival junction (Fig. 1). The sizing loop of the second configuration has a shorter mesial leg. This design places the labial bow deeper in the vestibule, encouraging intrusion of the molar during molar uprighting. (Fig. 2). This configuration is highly recommended for high angle cases.

The tie back hook is mesial to the sizing loop to allow for maximum adjustability, and the broader archform permits lateral expansion while maintaining cuspid relationships. For .045” tubes.

Size	Reference Number	
	Regular	High Angle
0	09-045-50	
1	09-045-51	09-045-61
2	09-045-52	09-045-62
3		09-045-63
4		09-045-64
5		09-045-65



Fig. 1



Fig. 2



Lip Bumper Tubing	Reference Number
.050” x 10’, Clear	17-046-10

Accessories

Ideal™ Archwire Markers

Better than a grease pencil, these disposable sticks are coated with a white wax that makes identifying posterior marks easy.

Description	Reference Number
Box of 100 Markers	17-444-44



Ortho Ice™

A quick squirt of Ortho Ice is all it takes to place Sentalloy into even severely malposed teeth.

Description	Size	Reference Number
Ortho Ice	10oz	17-123-45



Wire Racks & CD-ROM

Description	Reference Number
Three Tier Stand	93-999-99
Single Tier Stand	02-500-02
Sentalloy CD-ROM	27-000-02



TADs



SECTION CONTENTS

169 Infinitas™ Mini Implant System

Temporary Anchorage Device systems offer fixed anchorage to assist with the efficiency of your orthodontic treatment. This is useful when you encounter the need for space closure, tooth uprighting, open bite correction, molar distalization, and a number of other applications. GAC is proud to partner with DB Orthodontic Systems to offer the Infinitas™ Mini Implant System.

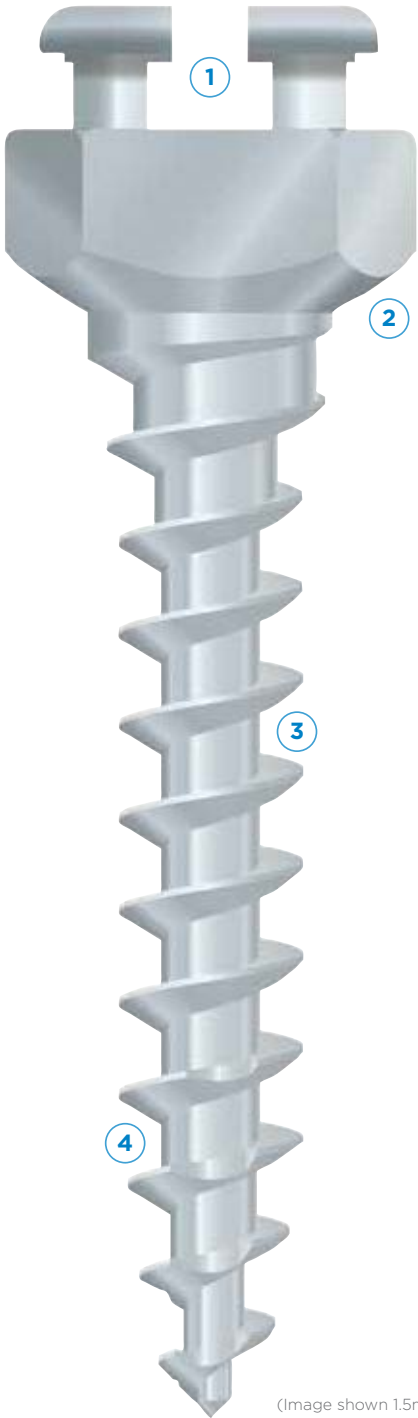
Infinitas is a registered trademark of DB Orthodontics

Infinitas™ Mini Implant System

When deciding which mini implant system to purchase there are a number of considerations a clinician will take:

- How easily will auxiliaries such as closing coil springs or elastomeric chain attach to the head?
- How comfortable will it be for the patient? How easily will it integrate with my current treatment mechanics?
- Will I need to drill a pilot hole or will the mini implants self-drill?

These questions are all addressed with the sophisticated and intelligently designed Infinitas Mini Implant System – fast becoming the system of choice for many orthodontists.



1 Unique Head Design For Universal Applications (patent pending)

The head of the Infinitas mini implant is designed for easy and direct attachment of all forms of traction. Auxiliaries, such as closing coil springs, elastomeric chains and .021x.025 rectangular wires are held securely on one traction level, in the undercut of this sophisticated low profile head design. In particular there is no need for custom made closing coil springs.



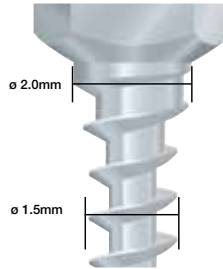
2 Angled Transmucosal Neck Design

1. Angled Transmucosal Neck ensuring ease of insertion and patient comfort when inserted at any angle due to the favorable contact between the mucosa and angled neck.
2. Two neck heights:
 - Short neck for areas of thin mucosa.
 - Long neck for areas of thick mucosa.



3 Unique Body Design

1. The unique Infinitas cutting thread continues to the full length of the mini implant body, and therefore through the cortical bone maximizing contact and increasing mini implant stability.
2. The unique tapered design of the 1.5 mm diameter mini implant ensures that the coronal end of the body has a diameter of 2 mm for optimum engagement of the cortical bone, while still permitting easy interproximal placement.



4 Self-Drilling Insertion Technique

All Infinitas mini implants are self-drilling, ensuring easy insertion and maximum stability. Their self-drilling thread avoids the need to pre-drill a full pilot hole. During placement in dense cortical bone, excessive torque is avoided with the use of the unique Infinitas Bone Punch.



(Image shown 1.5mm ø 9mm Shortneck Infinitas mini implant)

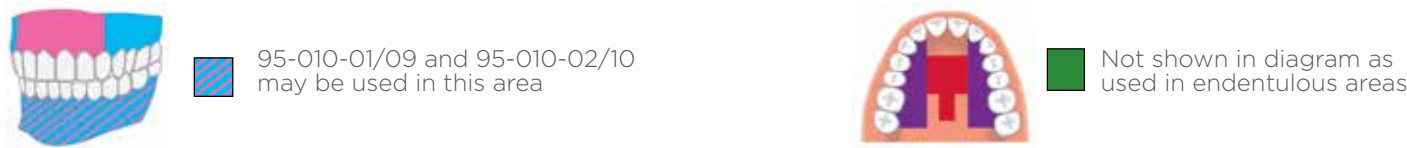
Mini-implant selection

The Infinitas System can be used to provide bone anchorage in virtually any maxillary/mandibular interproximal site and in the hard palate, although the most frequently utilized insertion site is buccal and mesial to the maxillary first molar. The insertion site is determined by individual anchorage demands and anatomical factors (e.g. bone quantity, root and sinus positions). The exact insertion site is selected by studying each patient’s dental model and radiographs (OPT and/or periapical views) together. General guidelines for usage are:

Diameter	Body Length	Neck Length	Non-Sterile Code	Sterile Code
 1.5	6	Short	95-010-01	95-010-09
 1.5	9	Short	95-010-02	95-010-10
 1.5	9	Long	95-010-04	95-010-12
 2.0	6	Long	95-010-07	95-010-15
 2.0	9	Long	95-010-08	95-010-16

Typical Insertion Sites	
	Anterior maxilla - oblique insertions; Posterior maxilla - buccal alveolus; Mandible - oblique insertions
	Anterior maxilla - oblique insertions; Posterior maxilla - buccal alveolus; Mandible - oblique insertions
	Maxilla - palatal alveolus
	Mid-palate
	Edentulous areas - temporary restorative abutment

The following should be used as a guide only; patient anatomy may vary.



A Simple Approach

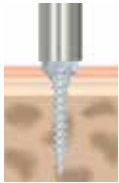
- One multi-purpose head design simplifies the choice for the clinician.
- An ergonomically designed standard handle, houses the Screwdriver, Mucotome and Cortical Bone Punch inserts, for a cost effective system.
- The Guidance system, provides the ease and confidence needed for more difficult insertions.



Standard Handle

95-010-20

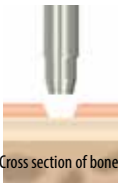
The ergonomic design of the standard handle allows greater stability when placing Infinitas mini implants. The handle is used to hold each standard insert using a simple latch grip method.



Screwdriver Insert

Standard 95-010-21 / Mini 95-010-26

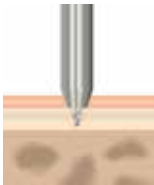
Infinitas mini implants are self-drilling and in many clinical situations can be placed directly through the mucosa using the Infinitas screwdriver. The pentagonal fit of the screwdriver securely holds the head of the mini implant during insertion. Available as standard size to fit into the standard handle or mini insert for use in a contra-angle speed reducing handpiece.



Mucotome

Standard 95-010-22 / Mini 95-010-27

The Infinitas mini implant is designed for transmucosal insertion, but the mucotome (soft tissue punch) is required when the mini implant will penetrate thick (e.g. palatal) or mobile mucosa. By rotating the punch against the tissue, a circle will cleanly be removed. Available as standard size to fit into the standard handle or mini insert for use in a contra-angle speed reducing handpiece.



Cortical Bone Punch

Standard 95-010-23 / Mini 95-010-28

It is beneficial to use the cortical bone punch in areas of dense cortical bone e.g. the posterior mandible, the mid-palate, and the palatal alveolus. Indentation of the cortical bone using the 2mm long diamond hard tip reduces insertion torque and prevents slipping of the mini implant tip when being placed at an oblique angle. Available as standard size to fit into the standard handle or mini insert for use in a contra-angle speed reducing handpiece.



Mini Screwdriver

95-010-25

For use in difficult areas such as the palate. The manual Mini Screwdriver allows the clinician to place mini implants whilst in full control of the insertion torque.



Sterilization Tray

95-010-29

The aluminium sterilization tray is fully autoclavable and has been designed to securely house each of the inserts to ensure they will not be damaged in transit. The tray also has an area for non-sterile implants to be placed to avoid damage to the thread during sterilization.

Description	Reference Number	Reference Number
Infinitas™ Complete Kits	KIT95-010-60 (Sterile)	KIT95-010-65 (Non-Sterile)
<i>Kit Includes:</i>		
Infinitas Standard Handle	95-010-20	95-010-20
Infinitas Screwdriver Standard Insert	95-010-21	95-010-21
Infinitas Mucotome Standard Insert	95-010-22	95-010-22
Infinitas Bone Punch Standard Insert	95-010-23	95-010-23
Infinitas Mini Screwdriver (Manual)	95-010-25	95-010-25
Infinitas Screwdriver Mini Insert	95-010-26	95-010-26
Infinitas Mucotome Mini Insert	95-010-27	95-010-27
Infinitas Cortical Punch Mini Insert	95-010-28	95-010-28
Infinitas Surgical Aluminum Tray	95-010-29	95-010-29
Short Neck Implant (1.5 diam x 6 length)	95-010-01	95-010-09
Short Neck Implant (1.5 diam x 9 length)	95-010-02	95-010-10
Short Neck Implant (1.5 diam x 9 length)	95-010-04	95-010-12
Long Neck Implant (2.0 diam x 6 length)	95-010-07	95-010-15
Long Neck Implant (2.0 diam x 9 length)	95-010-09	95-010-16



Class II Corrector



SECTION CONTENTS

175

BioBite Corrector MS

178

Bite Jumping Appliance

The BioBite Corrector is a reliable and effective way to treat Class II malocclusions. Invented by Dr. Enrico Pasin, the BioBite Corrector MS improves the design of the classic version. The screws within the ball joint no longer require removal, and come pre-inserted. The BioBite Corrector MS do not require auxiliary attachment for installation, and are safely installed on the archwire. The improved design allows for easier handling and faster installation, while the body maintains its low profile and smooth finish.

The BioBiteCorrector™ MS

The BioBiteCorrector™ (BBC) can be used for patients who are non-compliant with removable devices. Additionally, the device can be used for youth, teen and adult patients. Use of the BBC can avoid extraction of permanent teeth or even surgical corrections of Class II malocclusions.

- BBC Applications:**
- Correction of skeletal Class II malocclusions
 - Dentoalveolar correction of Class II malocclusions
 - Correction of functional mandibular midline shifts
 - Use as an anchorage appliance for closing a gap in the posterior teeth of the lower jaw



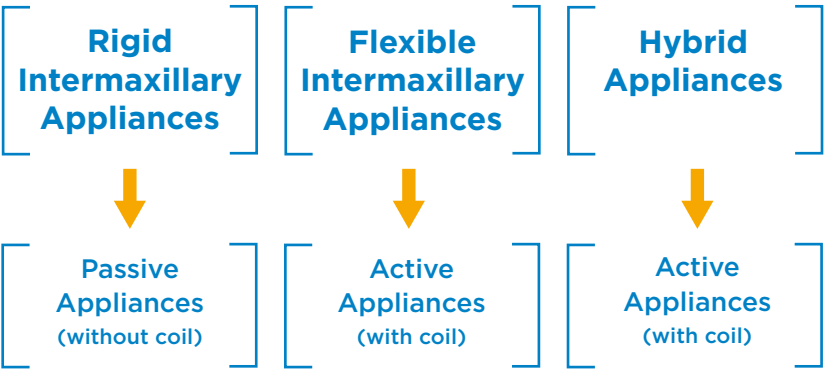
The Mounted Screw (MS) Design, improves the already reliable BBC. With the BBC MS, the screws arrive pre-loaded. Due to the innovative notch design on the body, a simple adjustment of the screw is all that is required in order to attach to the wire. The BioBiteCorrector™ MS provides the same amount of patient comfort you know and trust, with an improved delivery system designed to ease installation.

Intermaxillary fixed appliances can be categorized into three groups :

Flexible appliances are capable of allowing an undesirable closing position if the coil spring is over powered by the patient.

Hybrid appliances guarantee a certain amount of protrusion of the mandible due to their rigid parts. If the mandible cannot be guided into bilateral Class I occlusion precisely, a coil spring ensures further anterior forces.

The BioBiteCorrector as a passive-rigid appliance is able to precisely guide the mandible into bilateral Class I occlusion and therefore does not need coil springs. Eliminating coil springs reduces proclination of the lower incisors and uncontrolled forward mandibular movement.



Advantages

- **Biocompatible Titanium** laser welded accessories.
- **Direct Class I** with precise adjustment of the mandible using the c-formed Titanium 1.5 mm spacers, which are crimped on the telescope bars to ensure fine adjustment of the BBC
- **Pre-assembled** and ready to install
- **Bands and Tubes not needed.** The **BBC attaches** to the wire for use with any bracket system.
- **Screw Connectors** to upper and lower arch are designed with vertical slots allowing an accurate and safe installation of the appliance onto the wire, and cannot loosen from the wire due to horizontal forces.
- **Ball Joint Design** allows lateral movements and sufficient opening of the mouth, therefore improving wear and comfort



- **Multi-telescope design** allows extended mobility without disengaging like the conventional Herbst*-appliance
- **Available in Two Sizes.** Standard is the most commonly used; 23 mm in length, extends up to 57 mm. Small can be used if there is an extraction in the upper jaw. 19 mm in length, extends up to 45 mm.

For further information visit: www.bio-bite-corrector.com

- Installation video
- Clinical examples
- Patient information and education
- Directions for Use

BBC appliance on actual patient



Before placement of BBC



After placement of BBC



Class I after treatment



The BioBiteCorrector™ MS

Description	Reference Number	
	Standard (Non-Extraction)	Small (Extraction)
BBC MS Pair (Includes: 4 Titanium Fixing Screws)	205-2015-11	205-2015-21
BBC MS Pair - 5 pk	205-2015-14	
BBC MS Pair - 10 pk	205-2015-15	
BBC MS Right (Includes: 2 Titanium Fixing Screws)	205-2015-12	205-2015-22
BBC MS Left (Includes: 2 Titanium Fixing Screws)	205-2015-13	205-2015-23



Description	Reference Number
BBC MS Kit	205-2015-10
Includes:	
3 Pairs - BBC MS Standard	
20 - Titanium Spacers 1.5mm	205-2010-33
1 - Q Screw Handle	205-Q2112
1 - Screwdriver Hex 20mm	205-Q2113



Description	Reference Number
BBC Attachment (4 pieces)	205-ATC12
Titanium Fixing Screw (10 pieces)	205-2010-44
Torque-Ratchet	205-QX30
BBC Box	205-BOX13
BBC MS Consultation Model	TYP-205-777-78

Bite Jumping Appliance

GAC's precision-formed, continuous bite jumping appliance with its smoothly functioning components is a real timesaver where indicated for correcting Class II malocclusion cases.

Description	Reference Number
Bite Jumping Appliance Hollow Rod, Left	47-610-07
Bite Jumping Appliance Hollow Rod, Right	47-610-06
Bite Jumping Appliance, 44mm Clear, Pack of 20	47-610-15
Bite Jumping Appliance, Spacer 2mm, Pack of 10	47-610-56
Bite Jumping Appliance, Appliance Pivot	47-610-97
Bite Jumping Appliance, Allen Wrench, .050	47-610-98
Bite Jumping Appliance, Spacer 3mm Pack of 10	47-610-57
Bite Jumping Appliance, Cap Cushion, 5.5mm Clear Pack of 20	47-610-16
Bite Jumping Appliance, Spacer 1mm, Pack of 10	47-610-55
Bite Jumping Appliance (Complete)	KIT47-610-00



GAC Instruments

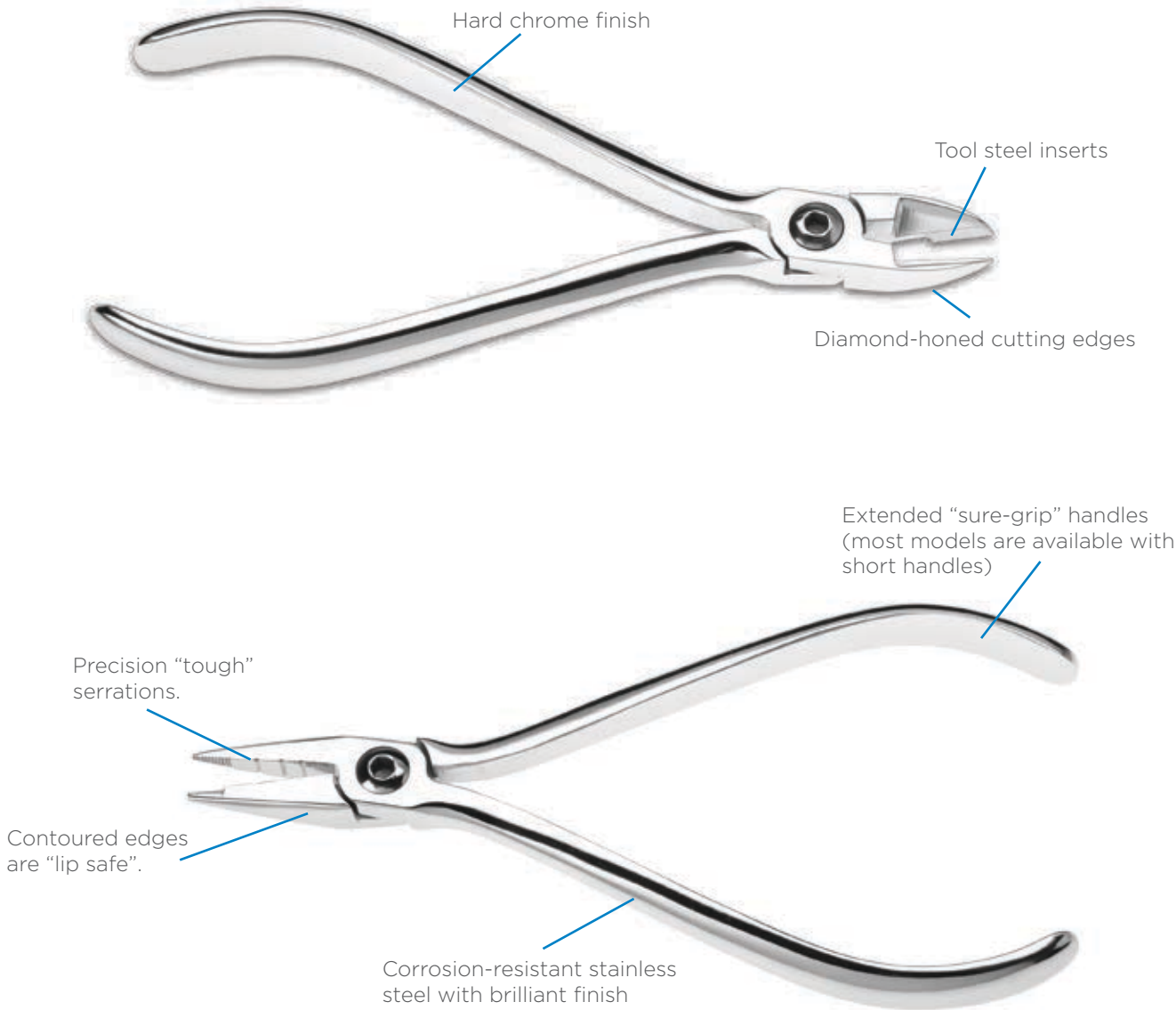


SECTION CONTENTS

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180	Utility Instruments	188	Specialty & Miscellaneous Instruments
182	Wire Forming Instruments		
184	Tying Pliers/Elastic Separators		

As a total orthodontic solutions provider, GAC offers a wide array of cutting, bending, and miscellaneous use instruments. Whatever phase of treatment you are in, you can expect to find the proper instrument for the procedure. Our comprehensive lines of instruments are made from high-quality stainless steel and feature a brilliant, corrosion-resistant finish.

- Key Features of All GAC Cutters and Pliers**
- All cutters are stainless steel with hard chrome finish to withstand several methods of sterilization.
 - Pliers are brilliant stainless steel.
 - Balanced assembly.



- The GAC Instrument Guarantee**
- GAC instruments are made of the highest quality stainless steel.
 - GAC cutting instruments have the finest tool steel inserts.
 - GAC instruments are guaranteed to be free from manufacturing defects for the life of the instrument. Defective instruments will be replaced at no charge.

Recommendations for Care and Maintenance

In order to ensure the longevity for your instruments, please follow proper protocol for sterilization. All GAC instruments can be sterilized under appropriate dry heat or autoclave methods. For your convenience, we offer a warranty on setting and sharpening for the first year after purchase.

Cutting Instruments

Description	Reference Number
-------------	------------------

15” Pin and Fine Wire Cutter
The tip is angled 15” for better field vision. The steel inserted tips have backing ledges for greater strength.
CAUTION: Maximum cutting capacity: Hard and soft wire up to .015 in diameter.

ODG1000



Description	Reference Number
-------------	------------------

Hard Wire Cutter (Black)
Specially designed for cutting hard wires. The cutting angle is 15° and the cutting edges have been diamond honed to allow hard wire cutting. This is an excellent ligature cutter. The ODG1000HWB is stainless steel with black oxide plating.
CAUTION: Maximum cutting capacity: Hard wire up to .020 in diameter.

ODG1000HWB
(Black)



Description	Reference Number
-------------	------------------

Hard Wire Cutter (Chrome)
Specially designed for cutting hard wires. The cutting angle is 15° and the cutting edges have been diamond-honed to allow hard wire cutting. Stainless steel with hard chrome plating; this is an excellent ligature cutter.
CAUTION: Maximum cutting capacity: Hard wire up to .020 in diameter.

ODG1000HWC
(Chrome)



Description	Reference Number
-------------	------------------

Pin and Ligature Cutter
A standard pin cutter, non-angled, designed to cut soft wires. Stainless steel with hard chrome plating.
CAUTION: Maximum cutting capacity: Soft wire up to .015 in diameter.

ODG1001



Description	Reference Number
-------------	------------------

Miniature Pin and Ligature Cutter
This cutting plier has finer tips for easy access into difficult areas. Very popular with chairside assistants.
CAUTION: Maximum cutting capacity: Soft wire up to .015 in diameter.

ODG1002



Description	Reference Number
-------------	------------------

Micro-Miniature Light Wire Cutter
This cutting plier has very sharp pointed tips that have been diamond honed to cut at the very point of the plier. It has tool steel inserted tips. Very popular with chairside assistants.
CAUTION: Maximum cutting capacity: Hard ligature wire up to .012 in diameter.

ODG1003



Description	Reference Number
-------------	------------------

45” Ligature Cutter
A convenient 45” pin and ligature cutter, angulated for easy access to posterior areas. Very delicate tips. Use with care.
CAUTION: Maximum cutting capacity: Ligature wire up to .015 at tip.

ODG1006



Description	Reference Number
-------------	------------------

Distal End Cutter (Flush Cut, Safety Hold)
Shear cuts wire and holds loose wire. Cuts “flush” to the distal of the tube.
CAUTION: Maximum cutting capacity: Hard round wire up to .020 in diameter, rectangular wire up to .018 x .025.

ODG1010



Description	Reference Number
-------------	------------------

Distal End Cutter (No Hold, Flush Cut)
Shear cuts wire flush to the buccal tube. Cutting edges must be sharpened periodically.
CAUTION: Maximum cutting capacity: Hard round wire up to .020 in diameter, rectangular wire up to .022 x .028 and stranded wire.

ODG1016



Description	Reference Number
-------------	------------------

Long Handled Distal End Cutter (Safety Hold)
Compact head on this cutter provides the “safety hold” features of the ODG1016 and the ODG1016S but has long handles for easy work on distal wires.
CAUTION: Maximum cutting capacity: Hard round wire or Twist-O-Flex up to .020, rectangular wire up to .018 x .025.

ODG1016L



Description	Reference Number
-------------	------------------

Wire Cutter
Will cut ligature wires and pins - any size. Strong enough to bend archwire ends after distal cutting. Diamond-honed cutting edges.
CAUTION: Maximum cutting capacity: Archwires up to .022 x .028.

ODG7001



Description	Reference Number
-------------	------------------

Distal End Cutter (No Hold, Flush Cut)
Shear cuts wire flush to the buccal tube. Cutting edges must be sharpened periodically.
CAUTION: Maximum cutting capacity: Hard round wire up to .020 in diameter, rectangular wire up to .018 x .025 and stranded wire up to .0175.

ODG1010NH



Description	Reference Number
-------------	------------------

Small Distal End Cutter (Safety Hold)
A safe plier with a smaller head than the ODG1016. It also shear cuts hard wires then “Safety holds” the loose wires.
CAUTION: Minimum cutting capacity: .010. Maximum cutting capacity: Hard round wire up to .018, rectangular wire up to .018 x .028 and stranded wire.

ODG1016S



Description	Reference Number
-------------	------------------

Band Slitter
The ODG1026 shear cuts upper and lower bands with minimum patient discomfort. Place the cutting tips on the gingival and incisal edges of the band toward the interproximal.
CAUTION: Care should be used while slitting the band. Be careful the tips do not come into contact with the welding flange of tie-wings of the attachment. Not recommended for molars.

ODG1026



Description	Reference Number
-------------	------------------

Heavy-Duty Cutter (“The Big John”)
Super tough cutting edges will not nick. Ideal for heavy-duty facebow cutting. Hard chrome finish will lock in closed position. Will cut hard wire up to .080 with ease.
CAUTION: Maximum cutting capacity: Hard round wire up to .080.

ODG315



Utility Instruments

DescriptionReference Number

Offset Utility Plier (How Style)
A general utility style plier similar to the ODG110 with machined tips. 3⁄32” diameter, but at a 45° angle. Lip safe.

ODG111



DescriptionReference Number

Straight Utility Plier (How Style, Small Tips)
A general utility plier with a long, well-tapered shape that is balanced for control. The 3⁄32” diameter tips are designed so that their center line coincides with the axis of rotation of the plier. The matched tips are serrated in a direction that holds the wire at a convenient working angle. Beaks are completely lip safe.

ODG110



DescriptionReference Number

Straight Utility Plier (How Style, Medium Tips)
Same features as the ODG110 but with larger 1⁄8” diameter tips.

ODG110B



DescriptionReference Number

Band Seating Plier
The ODG113 plier grips the bracket wing securely while seating the band. Will fit between the small twin. The square tip design allows maximum gripping power. The beaks are very strong, and the unique serration pattern makes the ODG113 a real help in your practice.

ODG113



DescriptionReference Number

Cinch Back Plier
The Cinch Back Plier offers safety with ease of use. The serrated tips give more control when activating closing loops. Its short, tight tip gives greater ease when turning back wires in the posterior region.

ODG157



DescriptionReference Number

Utility Plier (Weingart Style)
The pointed, serrated pads are designed to be near the center of rotation of the plier for better balance. Matching serrated pads hold wire firmly at a convenient working angle. Beaks are carefully rounded to make this plier completely lip safe.

ODG158



DescriptionReference Number

Utility Plier (Weingart Style, Slim Tips)
Same quality as the ODG158 but features slimmer tips and is curved for easier access to difficult areas. Completely lip safe.

ODG158BJ



DescriptionReference Number

Palatal Arch Plier
The precision serrated grooves surround the palatal arch allowing placement and removal with ease, and no slipping. Accepts both .030 and .036 diameter arches. Grips palatal arch with no obstruction for easy mesial insertion and removal.

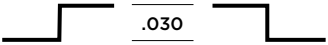
ODG159



DescriptionReference Number

Universal Step Up/Step Down Pliers (.030 Offset)
Allows you to make various 1st order and 2nd order (by-pass) bends intraorally without removing the entire archwire. One plier makes two .030 offset bends. One tip makes a step up; by reversing the plier, it makes a step down.

ODG104U



DescriptionReference Number

Light Wire Plier
This plier has longer and more gradually tapered beaks than ODG139 and ODG140M. It is designed for working round wire up to .016 in diameter. The longer beaks make it easier to bend small diameter loops. The cone beak is precision ground to .025 wide at the tip and a 9° angle is ground on the sides to allow for wire springback. Working edges are carefully beveled and diamond honed to prevent scoring.

ODG140



DescriptionReference Number

Light Wire Plier (With Notch)
Exactly the same as the ODG140, but has a .010 precision wire locating groove in the pyramid beak. The groove makes it possible to make perfect loop diameters quickly and easily.

ODG140N



DescriptionReference Number

Three-Jaw Plier (Straight)
Precision-aligned tips ensure consistent bends. Gradually tapered for delicate bending. Diamond honed edges.

ODG200



DescriptionReference Number

Bird Beak Plier
An extremely popular and versatile utility plier designed for working round wire up to .045 in diameter. Can be used for facebow adjustment. The round beak is precision ground to a perfect cone (.025 at the tip)

ODG139



DescriptionReference Number

Medium Bird Beak Plier
Same features as our ODG139, but has tips that are slightly longer.

ODG140M



DescriptionReference Number

45” Ligature Cutter
Tips are angles about 45°, has narrow thin tips that are serrated. Fits easily between brackets for form gripping of archwire. Primarily for lingual use. Excellent for lingual hook or clear bending.

ODG8011



Wire Forming Instruments

DescriptionReference Number

Wire Contouring Plier
Contours and forms arches smoothly - even Nitinol - without scoring or torquing.

ODG203B



DescriptionReference Number

Optical-Style Plier
Excellent for bending round or rectangular wires without nicking. Thin concave beak has precision round tip. Forms stop in all types of wire. Holds firm.



DescriptionReference Number

Mathieu Inserted Plier
Multipurpose Mathieu that is excellent for labial or lingual use. The serrated tool hardened inserted tips are strong enough to insert archwires and bend clinch-backs but delicate enough to place the smallest auxiliaries.



DescriptionReference Number

Loop Forming Plier (Tweed Style)
Designed for making "Bull" and helical closing loops in square or rectangular wire up to .022 x .028. The cylindrical beak has three precision-ground sections of .045, .060 and .075 diameters, with a rough electro-etched finish to help prevent wire slippage. The concave beak has slight parallel serrations that orient and keep the wire at a right angle to the beaks while making a loop



DescriptionReference Number

Omega Loop Forming Plier (Tweed Style)
Concave beak is contoured for making more uniform Omega loops with ease. The round beak has three section of .045, .060, and .075 in diameter and .090 in length. The tip has a rough electro-edged finish to help prevent wire slippage and can be easily replaced in the office.



DescriptionReference Number

Jarabak Plier
Accurately marks wire intraorally. Marks archwires (square, rectangular, or round), facebows, and all types of inner bows and auxiliary appliances. Will not harm the wire or the appliance. Auxiliary personnel can pre-mark interproximals for pre-fabricated future arches.



DescriptionReference Number

Replacement tips (2) and wrench available

ODG1400

DescriptionReference Number

Lingual Arch-Forming Plier
Designed to form double-back and triple-back bends in either .030 or .036 wire for inserting in lingual sheaths. Blade width of .140 (the same width as lingual sheath) was selected so consistent, perfect-fitting bends can be formed. The double-back forming groove is close to the plier joint to ensure that adequate "flattening" is accomplished.



DescriptionReference Number

Crimping Plier
Designed to crimp stops, hooks, posts and most sleeves. Has a wider crimping base than the ODG633.



DescriptionReference Number

Rectangular Arch Forming Plier (Tweed Style, Long Tips)
A forming plier for handling square or rectangular wire exactly the same as the ODG8150 but has longer beaks. The beaks are designed to be parallel at .020 plier opening. Working edges are carefully beveled with a diamond hone to prevent wire scoring.



DescriptionReference Number

Stop (V-Bend) Plier
Shortens archwire by forming a 1-mm V-bend. Edges are carefully diamond honed to prevent wire scoring. Works on round archwires up to .020 in diameter.



DescriptionReference Number

Surgical Hook Crimping Plier
Designed to crimp auxiliary stops, hooks, and posts to archwires.



DescriptionReference Number

Omega Loop Forming Plier
Forms inner bow omega loops with ease. Places omega loops exactly where needed. Works well with .045 and .051 diameters - without scoring the wire.



DescriptionReference Number

Rectangular Arch Forming Plier (Tweed Style, Short Tips)
A forming plier for handling square or rectangular wire. The beaks are designed to be parallel at .020 plier opening. Working edges are carefully beveled with a diamond hone to prevent wire scoring.



DescriptionReference Number

Nance Loop Forming Plier
Four steps (3, 4, 5, and 6mm) allow precision loop forming. One beak is precision serrated to prevent wire slippage. Edges are beveled to prevent wire damage.



Wire Forming Instruments

Description	Reference Number
-------------	------------------

Rose Torquing Plier (Narrow, with Key)

Designed to place torque in a specific section of archwire (single tooth) without distorting the remainder of the wire. The key is designed to torque the section between holding beaks - the torqued section will not extend past the contact points of the plier beaks and will engage easily without transfer of torque to adjacent teeth. Labial torque and lingual torque can be placed next to each other with ease. Narrow width is ideal for all teeth bracketed in single brackets or narrow Siamese brackets, as is particularly useful for lower incisors. Ideal for torquing individual teeth using the lingual technique regardless of bracket design or manufacture. Works with all wires. *Please specify which key when ordering.*

ODG805N



Description	Reference Number
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(Narrow) .016 x .018 Key Only

ODG1618N

(Narrow) .016 x .022 Key Only

ODG1822N

Tying Pliers/Elastic Separators

Description	Reference Number
-------------	------------------

Ligature Tying Plier (Coon Style)

Speed is the key word to describe this instrument. Ligature wire slides easily into a precision-chamfered slot - no wrapping to give operator more control of tightness of twists and easy one-hand release. Same precision manufacture as the ODG250 Steiner tying plier - light-weight and contoured for comfortable use in all size hands. Smooth grooves at the base of tips helps prevent ligature wire breakage. Brilliant stainless steel.

ODG250C



Description	Reference Number
-------------	------------------

Force Module Separator

Lightweight plier is comfortable in all size hands. Allows easy access to difficult areas and is patient safe. Offers springback action. The tip design reduces model breakage. Brilliant stainless steel.

ODG101



INSTRUMENTS

Band Removers

Description	Reference Number
-------------	------------------

Posterior Band Remover (Short)

When the padded tip is on the occlusal of the molar cusp, the shortened, non-padded remover tip is in a more ideal position to catch the edge of the band for upward or downward removal.

Replaceable high temperature pads are interchangeable and are available in two diameters:

ODG347



Description	Reference Number
-------------	------------------

Replaceable pads 3/16"

ODG2076

Replaceable pads 1/4"

ODG2077

Description	Reference Number
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Posterior Band Remover (Long)

The padded tip rests on the occlusal of the molar cusp and the non-added remover tips catches the edge of the band for upward or downward removal. Same as the ODG347 but has a longer remover tip.

Replaceable high temperature pads are interchangeable and are available in two diameters:

ODG347L



Description	Reference Number
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Replaceable pads 3/16"

ODG2076

Replaceable pads 1/4"

ODG2077

(See also ODG1026 Band Slitter)

Debonding Instruments

Description	Reference Number
-------------	------------------

Direct Bond Attachment Remover (Angled)

Designed to remove all bonded attachments. May be used mesial-distal (horizontal) or incisal-lingual (vertical) in anterior area. Angled perfectly for easier access to difficult posterior areas.

ODG344



DescriptionReference Number

Direct Bond Bracket Remover (Narrow)

The narrow remover tips wedge between both edges of the base of the bracket and the tooth surface, lifting off the bracket with virtually no stress. The removers grip firmly for easily incisal-lingual (vertical) use. When bracket position is too close to gingival, the plier may be used mesial-distal (horizontal) with the same base.



DescriptionReference Number

Direct Bond Bracket Remover (Narrow, with Pad)

Designed for quick and comfortable removal of direct bonded attachments. The sharp beak fits under the attachment flange and removes attachments with ease. Will also remove adhesive remaining on the tooth. Pads are suitable for high heat sterilization.



DescriptionReference Number

Direct Bond Bracket Remover (Wide, with Pad)

Designed for quick and comfortable removal of direct bonded attachments. The sharp beak fits under attachment flange and removes attachment with ease. Will also remove adhesive remaining on tooth. Available with narrow tips as ODG348. Pads are suitable for high heat sterilization.



DescriptionReference Number

Acrylic Debonding Plier

Dr. Hamilton's Acrylic Debonding Plier adjusts to the angle of the plane to hold the plate while the blade breaks the bond. Every orthodontist will appreciate this design concept.



DescriptionReference Number

Direct Bond Bracket Remover (Wide, with Replaceable Tip)

Specifically designed for quick and comfortable removal of direct bond brackets. Tips wedge between both edges of bracket base and tooth surface, lifting off with no stress. Tips grip firmly for easy incisal-lingual and mesial-distal use. Tips are replaceable for fast, easy service at your office.



DescriptionReference Number

Direct Bond Bracket Remover (Narrow, Replaceable Tip, with Pad)

Same quality features as the ODG345 and ODG348 except one tip has a replaceable pad. The sharp beak fits under the attachment flange and removes attachments with ease. Also removes adhesive remaining on tooth. Pads are suitable for high heat sterilization.



DescriptionReference Number

Direct Bond Bracket Remover (Wide, Replaceable Tip, With Pad)

Designed for quick and comfortable removal of direct bonded attachments. The sharp beak fits under attachments flange and removes attachments with ease. Will also remove adhesive remaining on tooth. Available with narrow tips as ODG348. Pads are suitable for high heat sterilization.



DescriptionReference Number

Posterior Bracket Placer

Delicate angled tips and secure reverse action allow for easy and predictable bonding results.



Bonding & Debonding Instruments

DescriptionReference Number

Direct Bond Bracket Tweezer

Holds any bracket – from a wide twin to a single. The self-holding model ODG500 has a reverse action and will not release the bracket until desired – it can be easily preloaded as needed. Stainless steel for easy clean-up and sterilization. Also available in a set of 6 with one FREE tweezer. (ODG501)



DescriptionReference Number

Direct Bond Adhesive Remover (Sickle Style)

Lightweight, durable instrument for scraping adhesive or cement in hard-to-reach areas.



DescriptionReference Number

Direct Bond Adhesive Remover (Curette Style)

Double-ended. Stainless steel.



DescriptionReference Number

Dontrix

Dontrix gauge is a precision instrument designed to accurately measure the forces used in orthodontics.



DescriptionReference Number

Positive Positioner

Specifically designed for direct bond attachment placing. Will hold any direct bond attachment. Has small head for excellent field of vision anywhere in the mouth – especially distal to the bicuspids. Serrated tips for positive gripping. Easy forward or backward releasing. Lightweight, hard, anodized aluminum.



Specialty and Miscellaneous Instruments

DescriptionReference Number

Ligature Director
Double-ended. One end has a notched tip for directing archwires. Opposite end is angled with a square serrated tip for tucking ligatures. Stainless steel.

ODG507



DescriptionReference Number

Explorer
Basic orthodontic probe that is conveniently double-ended.

ODG508



DescriptionReference Number

Band Pusher/Scaler Combo
One end has a serrated, angled tip; the other end has a curved scaler.

ODG521



DescriptionReference Number

Force Module Aspel
Single fork on one end and an Aspel bend on the other.

ODG510



DescriptionReference Number

#5 Mouth Mirror

ODG511

Replacement Mirror

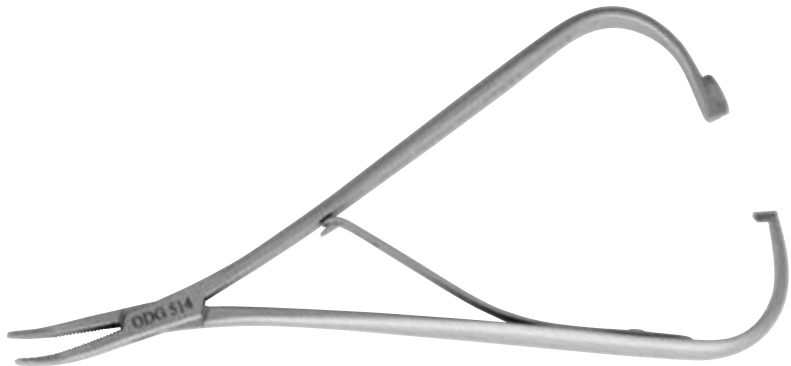
ODG516



DescriptionReference Number

Mosquito Forcep
Delicate matching serrated tips for applying modules. Available in straight or curved styles. Stainless steel.

ODG512 (Curved Tip)
ODG513 (Straight Tip)



DescriptionReference Number

Smaha Slimline Sure-Grip
Excellent for labial or lingual elastic ligature placement.

ODG514 (Curved Tip)
ODG515 (Straight Tip)

Thermoplier® Pliers
For use with in-office clear-aligner fabrication. Please refer to our Lab Essentials section for more information.
Patent # 6,293,790

Description	Reference Number
Undercut Enhancer Pliers	ODG326
Maxillary Tooth Moving	ODG327
Mandibular Tooth Moving Pliers	ODG328
Micro-Ramp Pliers	ODG330
Bite Plane Pliers	ODG329
Mesial-Distal Pliers	ODG336
Elastic Hook-Forming Pliers	ODG331
Elastic Slot-Forming Pliers	ODG332
Bubble-Forming Pliers	ODG333
Large Circle Pliers	ODG334
Small Circle Pliers	ODG335

Specialty and Miscellaneous Instruments



Description	Reference Number
Beaver Tail The Beaver Tail has a flat end for opening the clip and a forked end for seating the wire before closing the clip.	ODG88001



Description	Reference Number
Positioner Tool The positioner tool has millimeter scribe lines for measuring height and an ideal shape for cleaning up flash.	ODG88002



Description	Reference Number
R-Tool The ball ends of the R-Tool make it easy to open the clip.	ODG88004



Description	Reference Number
The Engage-R The dual tips on one end span the bracket to grab the archwire, allowing you to easily snap the clip closed. The other end has a small ball that fits perfectly into the sliding cap for easy opening.	ODG88005



Description	Reference Number
Engage-R Aspel Same as left, but the ball end has an additional bend in place of ball.	ODG88006



Description	Reference Number
Engage-C The concave end of the Engage-C is designed to fit over the gingival sphere of the In-Ovation C clip. To open the clip, simply apply gingival to occlusal pressure with this end. The forked end of the instrument spans the bracket and is used to help seat the archwire while allowing you to easily snap the door shut.	ODG88008



Description	Reference Number
TN3 The TN3 has on one end a “Hockey Stick” design with laser-etched scribe lines for precise placement of brackets; and on the other end, a scaler for making clean-up of flash, a snap.	TN3



Description	Reference Number
Mini Scaler A small curved scaler for precise application – also ideal for opening In-Ovation self-ligating clips from facial aspect of the bracket.	GAC890



Description	Reference Number
Roncone Bending Plier Set It is recommended that the Roncone Bending pliers be used on initial light wires (Sentalloy .014, .016, .018). This will secure the wire and allow the teeth to move freely. Allow 6-7mm of distal exposure to allow for bends. The pliers may also be used to top back all wires up to 19x25 (Neo Sentalloy, Resolve, and Stainless Steel). This is not a cinching or activating plier. <i>NOTE: It is recommended that the correct plier be used for each designated quadrant.</i>	ODG400

Specialty and Miscellaneous Instruments



Description	Reference Number
Mathieu, Narrow Serrated Tip	GAC503



Description	Reference Number
Mathieu, Double Spring Carbide Insert	GAC515



Description	Reference Number
In-Ovation Bond Tweezer	GAC889



Description	Reference Number
High Heat Bite Stick, Down Point	17-777-22



Description	Reference Number
Beck Mathieu for Ligatures	500-081

Description	Reference Number
Boone Bracket Gauge Reversed design of the traditional Boone Gauge. Height gauge has permanent markings for precise placement of brackets from 3.5mm to 5mm from the incisal edge.	814-1054



Specialty and Miscellaneous Instruments



Cleaners and Lubricants

Cleaners and lubricants are necessary for the longevity of your instruments. With the proper products, you can maximize performance and value.

Description	Reference Number
NuJoint Instrument Rejuvenator Kit	KIT97-977-10
NuJoint Lubricant, 1oz	97-977-15
NuJoint Cleaner, 9g	97-977-16
DSX Medic 365 Instrument Lubricant and Preservative	ODG6015



Description	Reference Number
Sterilizable Plier Rack	97-300-40

GAC Adhesives



SECTION CONTENTS

201	Techniques	206	Accessories
202	Light-Cure Adhesives		Etchants
	NeoBond Kit		Prophy Paste
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	NeoBond Jr Kit		Absorb-Its
203	Dual Cure Adhesives		Mixing Tools
	OrthoLoc		Bracket Organizers
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	Solo-Tach		Bite Sticks
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	Ideal Plus Glass Ionomer		

Orthodontic adhesives, cements, and the associated accessories are generally utilized intraorally to secure fixed orthodontic devices. In addition to bracket adhesives and band cements, a complete bonding procedure would employ the use of etchants and primers. Adhesives can vary in terms of texture, methods of delivery, as well as methods of curing, i.e., light curing and self curing. GAC provides a variety of adhesives, cements, and application tools. A unique combination can be tailored to your practice.

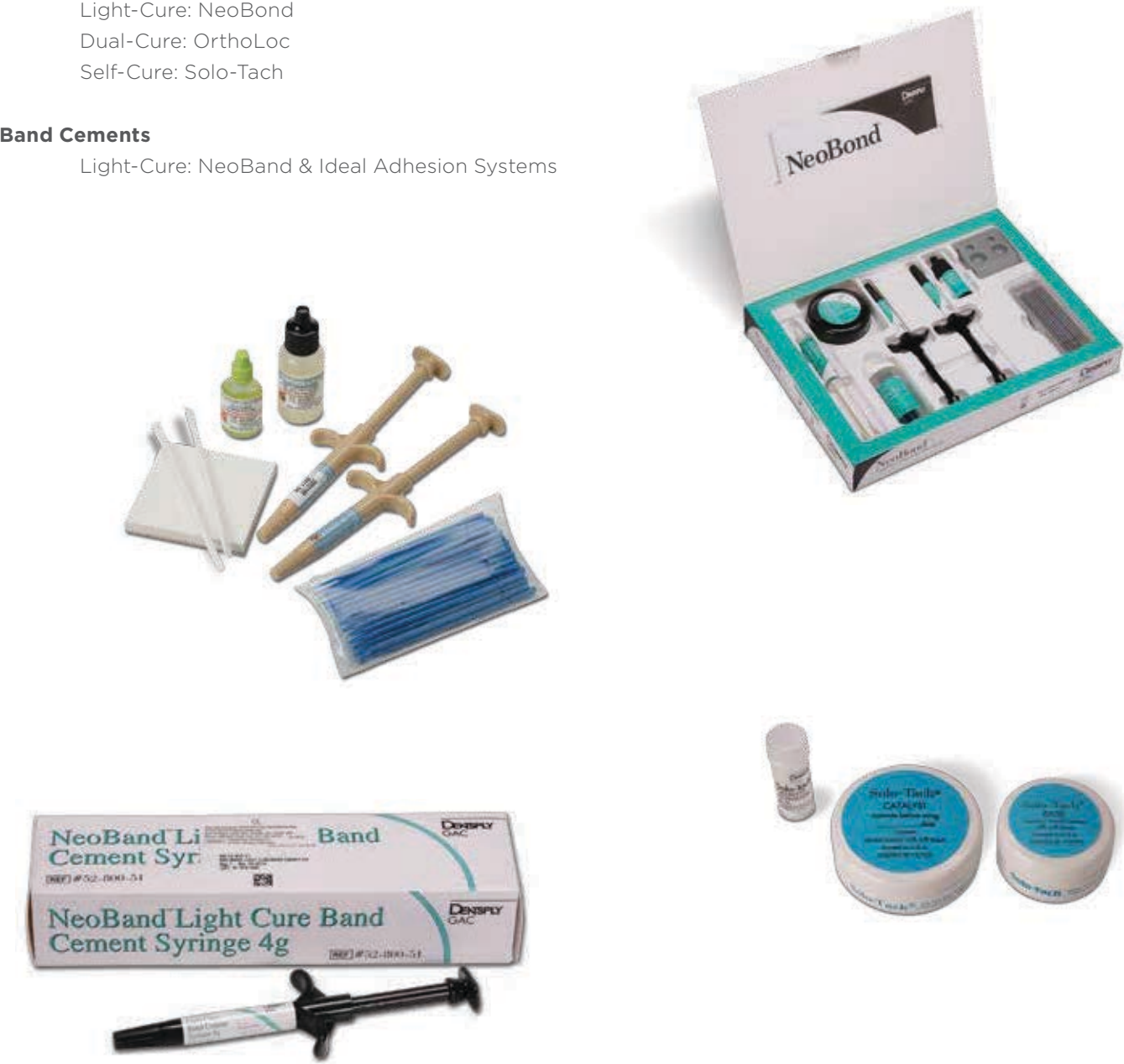
Techniques

Light-Cure Approach
Light-Cure adhesives and band cements employ photosensitive techniques to bond the bracket and/or band. The greatest advantage of a light cure approach is that it affords the clinician ample time to accurately position the brackets on the enamel surface before using the light-emitting device to polymerize the adhesive. Please note the time required for light exposure can range from 10 to 40 seconds per bracket or band.

Self-Cure Approach
The traditional approach to bonding utilizes self-cure adhesives and band cements. It is a more economical approach than using light-cure. The self-cure approach relies on the compound’s own chemistry for a secure bonding of the appliance to the tooth.

The GAC Adhesives Offering

- Bracket Adhesives**
- Light-Cure: NeoBond
 - Dual-Cure: OrthoLoc
 - Self-Cure: Solo-Tach
- Band Cements**
- Light-Cure: NeoBand & Ideal Adhesion Systems



NeoBond® Light-Cure Adhesive

- Designed to complement LED lights as well as traditional curing lights
- Convenience of a light cure plus a paste that has the bonding characteristics and viscosity that are optimal for today’s mesh bases
- Bonds both chemically and mechanically for a superior bond while flowing into the tightest mesh without bracket drift
- Fluoride releasing and recharging
- Available in either 4g syringe or 0.4g compule delivery system and NeoBond Jr. Kit for NoTrace brackets
- Each NeoBond syringe can be applied to 40-60 brackets



Description	Reference Number
NeoBond Kit	52-800-00
Kit Contains: (Individual components may be ordered separately)	
(2) 4g Paste Syringe	52-800-10
(1) 5ml Gel Etch Syringe w/ Tips (phosphoric acid 37%)	52-800-16
(1) 6ml Primer	52-800-11
(100) Mini Mixing Sticks	17-000-14
(25) Gel Etch Dispensing Tips	52-800-04
(100) Micro Brushes Etch/Seal (Grey)	
Different Color Brushes Available Upon Request:	
Purple	17-000-23
Green	17-000-24
Blue	17-000-25
Peach	17-000-26



Description	Reference Number
NeoBond Compule Adhesive Kit	52-850-00
Kit Contains: (Individual components may be ordered separately)	
(20) Compules, 0.4g each	52-850-10
(1) 5ml Gel Etch Syringe w/ tips (phosphoric acid 37%)	52-800-16
(1) 6ml Primer	52-800-11
(1) GAC Compule Gun Syringe	97-400-20
(100) Mini Mixing Sticks	17-000-14
(25) Gel Etch Dispensing Tips	52-800-04
(100) Micro Brushes Etch/Seal (Grey)	
Different Color Brushes Available Upon Request:	
Purple	17-000-23
Green	17-000-24
Blue	17-000-25
Peach	17-000-26



Description	Reference Number
NeoBond Jr Kit	52-800-01
Kit Contains: (Individual components are not available separately)	
(1) 2g Paste Syringe	
(1) NeoBand (Composite Build Up)	
(1) 2ml Gel Etch Syringe	
(1) 2ml Primer	
(5) Etch Tips/Mixing Brushes/Mini Spatulas	

OrthoLoc No-Mix

- OrthoLoc is a no-mixing, self-etching, dual-cure system that bonds perfectly to metal, plastic, and porcelain appliances
- Each patient-specific syringe tip makes dispensing and placement easier, while reducing cross-contamination
- Conveniently available for direct or indirect bonding
- Available with or without bonding
- Each kit can bond approximately 850 brackets

Description	Reference Number
OrthoLoc Bracket Bonding Kit, 7g Syringe	KIT52-500-00
Kit Contains: (Individual components may be ordered separately)	
(1) OrthoLoc Primer, 16cc	52-508-00
(2) OrthoLoc Syringe, 3.5g	52-507-00
(1) OrthoLoc Cond (Etch)	51-000-09
(1) Mixing Pad - 3 x 3	51-000-07
(2) Mixing Stick	51-000-05
(30) Micro Brush Etch/Seal Blue, 1 piece	17-000-25



Description	Reference Number
OrthoLoc Kit with Fluoride Syringe	KIT52-599-00
Kit Contains: (Individual components may be ordered separately)	
(1) OrthoLoc Primer with Fluoride, 16cc	52-508-10
(2) OrthoLoc Syringe, 3.5g	52-507-00
(1) OrthoLoc Cond (Etch)	51-000-09
(1) Mixing Pad - 3 x 3	51-000-07
(2) Mixing Sticks	51-000-05
(30) Micro Brush Etch/Seal Blue, 1 piece	17-000-25



Description	Reference Number
OrthoLoc Bracket Bonding Kit, 14g Jar	KIT52-570-00
Kit Contains: (Individual components may be ordered separately)	
(1) OrthoLoc Paste, 14g	52-510-00
(1) OrthoLoc Primer, 16cc	52-508-00
(1) OrthoLoc Cond (Etch)	51-000-09
(1) Mixing Pad - 3 x 3	51-000-07
(2) Mixing Sticks	51-000-05
(30) Micro Brush Etch/Seal Blue, 1 piece	17-000-25



Description	Reference Number
OrthoLoc Bracket Bonding Kit, 15 Compules	KIT52-590-00
Kit Contains: (Individual components may be ordered separately)	
(1) OrthoLoc No Mix Compules, pack of 15	52-580-00
(1) OrthoLoc Primer 16cc	52-508-00
(1) OrthoLoc Cond (Etch)	51-000-09
(1) Mixing Pad - 3 x 3	51-000-07
(2) Mixing Sticks	51-000-05
(30) Micro Brush Etch/Seal Blue 1 piece	17-000-25



Solo-Tach™

- Solo-Tach™ is a leading two-paste adhesive
- It forms a creamy mix, ideal for today's fine mesh brackets
- On the market for nearly 20 years, Solo-Tach has a 100% money back guarantee
- Catalyst, 7.2g; Base, 8g; Activator, 0.8g



Description	Reference Number
Refills	650007

NeoBand Light-Cure Band Cement

As part of the NeoBond family of adhesives, we offer the NeoBand Light-Cure Band Cement. In addition to the level of quality you can expect, NeoBand offers:

- Excellent flow for filling the gap between the band and the tooth
- Properties allow for optimal covering of the entire surface of the band and tooth
- Fluoride releasing
- Very low water absorption, lower than 40 microgram/mm³
- Very low solubility, lower than 7.5 microgram/mm³
- Snap setting, light-cure on demand
- Easy to identify (visible blue color)
- Great even adhesion, yet easy to remove
- Secondary usage: adjust the occlusion to prevent deep bite and occlusal interference with a particular orthodontic device

Each NeoBand syringe can be applied to 20-25 bands.



Description	Reference Number
NeoBand Light Cure Band Cement, 4g	52-800-51
NeoBand Light Cure Band Cement, 4g - 6 pack	52-800-52



Ideal® Glass Ionomer Two-Paste Band Cement

- Simply dispense Paste A & Paste B onto the pad; mix, and butter into the band.
- Then clean up the flash and light cure.
- The glass ionomer chemically bonds into the band as well as into the enamel.

Description	Reference Number
Ideal Glass Ionomer 2 Paste, 48g	52-601-66
<i>Kit Contains: (Individual components may be ordered separately)</i>	
Paste A, 12g Syringe	52-601-01
Paste B, 12g Syringe	52-601-02
(1) Mixing Pad	51-000-07
(15) Mixing Sticks	51-000-05



Description	Reference Number
Starter Kit, 30g Powder/15ml Liquid	52-000-00
Economy Kit, 240g Powder/120ml Liquid	52-100-00
Powder, 240g	52-200-00
Liquid, 120ml	52-300-00



Adhesives Accessories



Prophy Angles and Paste

- Disposable angles are ideal for removing stains from occlusal pits and fissures and for preparing tooth surfaces prior to sealant and orthodontic applications
- Individual prophy paste cups for a germ-free environment

Description	Reference Number
Prophy Angles, Disposable (Pack of 144)	97-300-50

Aluminum Oxide

Our abrasive removes cements, resins, and composites without erosion of enamel. Designed for use with the Microetcher II.

Description	Reference Number
Aluminum Oxide, 90 micron, 1lb container	97-222-29
Aluminum Oxide, 50 micron, 1lb container	97-222-30



Absorb-Its™

- More effective for clinicians maintaining a dry field and more comfortable for the patient
- Flat, to fit easily into tight places
- Can be doubled up for greater absorbency
- Made from the same super-absorbent material used to make baby diapers
- This material is softer for greater patient comfort and will not stick to the lining of the mouth

Description	Reference Number
Absorb-Its™ (Box of 800)	97-111-12



Mixing Tools

- Intended for adhesives and cements which require preparation
- Ease of use and convenient package quantities

Description	Reference Number
Mixing Pad - 3" x 3" (1 per Pack)	51-000-07
Mixing Pads - 3" x 3" (Pack of 10)	52-650-00
Mixing Brushes - To apply sealants, etchants, or primers (Pack of 50)	52-640-00
Mini sponge applicator - (Pack of 200)	52-666-66



Ideal® Mini Mixing Sticks

Small design for easy adhesive mixing control and application

Description	Reference Number
Mini Mixing Sticks (Pack of 100)	17-000-14
Mini Mixing Sticks	51-000-05



Micro Brushes Etch/Seal

- To apply sealants, etchants, or primers; sponge-like tip
- Colors allow designation of tasks for prevention of cross-contamination
- Packs of 100

Description	Reference Number
Purple	17-000-23
Green	17-000-24
Blue	17-000-25
Peach	17-000-26



Adhesives Accessories

Bite-Ramps

- Works in open bite cases by allowing the anteriors to ride up and out of occlusion
- Swept design mimics the natural shape of the tooth - aids in the gentle redirection of anteriors
- High-strength resin construction reduces trauma on enamel and increases patient’s comfort



Description	Reference Number
Bite-Ramps (Pack of 10)	97-980-00



Description	Reference Number
Bracket Tray Holder	20-010-16
Light Cure Case Boxes (Pack of 10)	17-000-04
Bracket Placement Card, Blue	20-050-99
Bracket Placement Card, Cardboard	20-050-00

For more information, please see our supplies section on page xxxx.

Retract EEZ

- A clear, polycarbonate retractor that can be cold or heat sterilized
- Angled end helps retract lips and is comfortable for the patient
- Patient retracts lips with one hand and holds the mirror in the other, allowing the assistant to have both hands free to properly take photographs
- One size fits all

Description	Reference Number
Retract EEZ	97-999-10



Disposable Cheek Expanders

Flexible plastic cheek expanders allow access to the whole mouth by holding it open and depressing the tongue.

- Use during bonding, banding, and whitening procedures.
- Available in three color-coded sizes to fit most patients
- Disposable; single use only
- Sold as pack of 10
- Made in the USA



Description	Reference Number
Small - Green	54-444-01
Medium - Blue	54-444-02
Large - Red	54-444-03



Open Wider Cheek Retractors

Autoclavable plastic Open Wider Cheek Retractors are available in regular size, hard plastic and in regular and mini soft plastic.

Description	Reference Number
Regular, Hard - Clear	47-704-04
Regular, Soft - Light Blue	47-704-05
Mini, Soft - Light Blue	47-704-06

Barker Double-Ended Retractor

Take intra-oral photos without an assistant.

- Clear plastic
- Elongated ends allow increased access to anterior and posterior regions of the mouth
- Pedo size is 1.25” x 6” x 1.5”
- Large size is 1.75” x 6.5” x 2”
- Available in cold sterilizable and autoclavable
- variations
- Sold as one pair per pack
- Made in the USA

Description	Reference Number	Reference Number
Size	Cold Sterilizable	Autoclavable
Pedo Retractor	54-555-55	54-555-56
Large Retractor	54-222-02	54-222-01



Adhesives Accessories



Standard Tipped Heat Sterilizable Bitestick	
Will withstand temperatures up to 370°F	
Description	Reference Number
Contoured Point	17-777-44
Up Point	17-777-66
Down Point	17-777-77

Sterilizable Instruments
GAC's line of heat sterilizable plastic instruments may be cold sterilized, chemiclaved, autoclaved, or dry-heat sterilized up to 390°F
Note: In the Dentronic Dry Heat Sterilizer, the heat during the initial warm up stages will exceed 390°F and should not be used.

Description	Reference Number
Dry Heat Bitestick - Down Point	17-777-22



Autoclavable Short-Tipped Bitesticks	
- Will withstand temperatures up to 260°F - Down point stainless steel tip only - Available in four bright colors, for work station organization - Sure-grip handle is easy to hold, even when wet - Stainless steel tip is swirled to grip bands easily and efficiently	
Description	Reference Number
Autoclavable Bitestick - Teal	17-777-11
Autoclavable Bitestick - Cobalt Blue	17-777-12
Autoclavable Bitestick - Light Green	17-777-13
Autoclavable Bitestick - Orange	17-777-14



Disposable Mouth Mirrors	
- Approximately six inches in length with a one inch diameter mirror - White plastic mouth mirrors come with a peel-off, protective covering over the mirror. - Lightweight, disposable, and economical.	
Description	Reference Number
Disposable Mouth Mirrors (Pack of 24)	17-333-33

Photographic Mirrors

- Photo mirrors are made from chromium – a hard, durable metallic element that can be autoclaved
- Available in adult size occlusal or in a kit of four mirrors: lingual, buccal, child occlusal, and adult occlusal

Description	Reference Number
Photo Mirrors, set of 4	97-300-59
Photo Mirrors, Adult Occlusal, set of 4	97-300-51



Bracket Height Gauges
The GAC height gauge has permanent markings for placement of brackets from 3.5mm to 5mm from the incisal edge. Gauges are available in either .018” or .022”, and they even hold brackets firmly for loading of cement. Heat-sterilizable plastic or cold-sterilizable aluminum.

Description	Reference Number	
	.018”	.022”
Aluminum - Cold Sterilization	97-999-11	97-999-21
Plastic - Heat Sterilization	97-999-12	97-999-22



Fusion™ 4.0 Curing Light

The FUSION LED Curing light makes it easy to bond brackets and curing composites with the touch of a button. Weighing only 3.9 ounces, its sleek, anodized, aluminum body distributes LED heat and prevents scratches and damage from accidental falls. The rechargeable lithium-ion battery enables 540 five-second cures with one full charge and is replaceable. With a direct power plug at the end of the hand piece, FUSION can eliminate downtime even when the battery is low. The standard FUSION kit includes the LED curing light (light head unit, main control module, battery assembly), power adapter, 100 barrier sleeves, 3mm tacking tip, charging stand with stick pad, unit mount eyeshield and a 2-year warranty on the light unit.

Description	Reference Number
Fusion 4.0 Curing Light Kit	175-180-00
Charging Stand	175-000-83
Fusion Battery Assembly	175-000-84
Fusion Power Adapter	175-000-85
Fusion Eye Shield	175-000-92
Fusion Bleaching Kit	175-100-00
Eye Shield Safety Goggle	175-000-88
Fusion Tacking Tips - 3mm (Pack of 20)	175-000-81C



FUSION IS A TRADEMARK OF DentLight Inc.

GAC Extra Oral



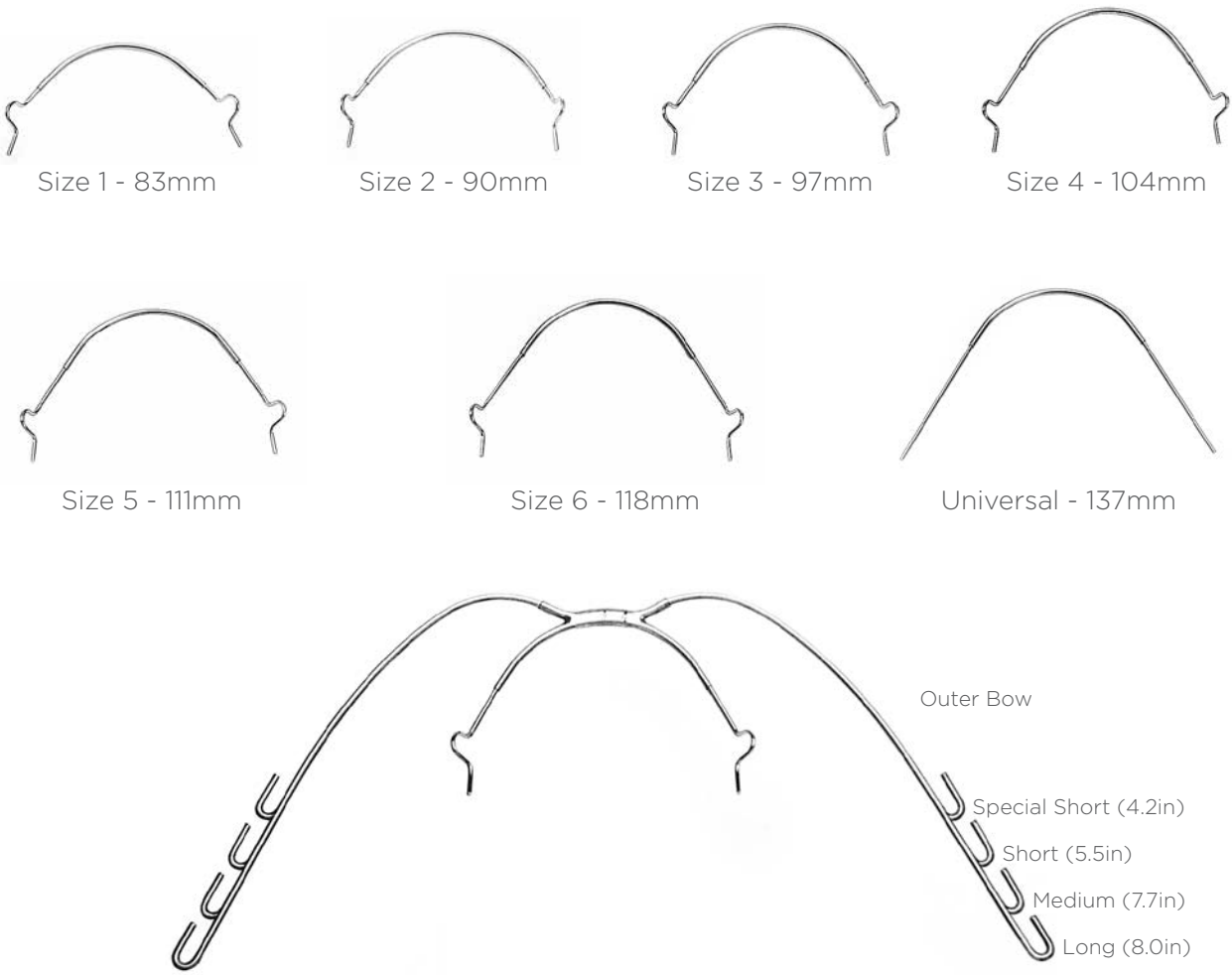
SECTION CONTENTS

215	Facebows .051" Facebows	218	Plastic Coated Facebows
216	Facebows Hamil Safety Kahn Spur MicroProgressive Expansion	219	Facebow Accessories
		219	Class III Facemasks
217	Facebows .045" Facebows	220	Straps & Caps

GAC offers a full line of facebows and accessories to meet your specific treatment needs. With a variety of choices for this particular segment, you will find popular facebows are available in a wide range of sizes, with or without cuspid hooks and with or without white plastic coating. These can be paired with a selection of Class III traction and break-away devices designed to provide safety and results for the clinician, and comfort and esthetics for the patient.

Facebows

GAC offers a full line of facebows and accessories to meet your specific treatment needs. Standard facebows are available in a wide range of sizes, with or without cuspid hooks and with or without white plastic coating. All have a spring-tempered outer bow securely welded to an inner .045" or .051" bow, and the size is clearly marked. Also available are Hamill Safety Facebows that have rounded distal ends to protect against intra and extra oral injury. Facebow measurements are taken from the base of one omega loop to the next. CAUTION: Facebows should be used only with safety head/neck gear.



.051" Facebows	Reference Number	
	Special Short	Short
Universal	08-510-00	08-520-00
1	08-510-10	08-520-10
2	08-510-20	08-520-20
3	08-510-30	08-520-30
4	08-510-40	08-520-40
5	08-510-50	08-520-50
6	-	08-520-60

Facebows

Hamill Safety

The sharp distal ends of conventional facebow inner arches have caused numerous injuries, some severe. The rounded distal ends of our Hamill Safety Facebows protect against both intra and extra oral injuries. In addition, the easy spring action of the Hamill reduces the possibility of loose bands and makes insertion simple. Available in six sizes of both short and special short. Available only from GAC.

Developed by Dr. Maurice Hamill, Jr.

Inner Bow Size	Reference Number	
	Special Short	Short
1	08-419-10	08-429-10
2	08-419-20	08-429-20
3	08-419-30	08-429-30
4	08-419-40	08-429-40
5	08-419-50	08-429-50
6	08-419-60	08-429-60



Kahn Spur Hook Facebows

A special short facebow with a short spur centered on the inner bow.

Size	Reference Number
Universal	08-427-00
3	08-427-30
4	08-427-40
5	08-427-50

Micro Progressive Universal Facebow

Size	Reference Number
Short	08-700-01



Expansion Facebow

Size	Reference Number
Short	08-100-02



.045” Facebows

Size	Special Short	Short	Medium	Long
Universal	08-410-00	08-420-00	08-430-00	08-440-00
Universal/hook	08-412-00	08-422-00		08-442-00
1	08-410-10	08-420-10	08-430-10	
1/hook		08-422-10		08-442-10
1.5	08-410-15	08-420-15		
2	08-410-20	08-420-20	08-430-20	08-440-20
2/hook	08-412-20	08-422-20		08-442-20
3	08-410-30	08-420-30	08-430-30	08-440-30
3/hook	08-412-30	08-422-30		
3.5	08-410-35	08-420-35		
3.5/hook		08-422-35		
4	08-410-40	08-420-40	08-430-40	08-440-40
4/hook	08-412-40	08-422-40		08-442-40
4.5	08-410-45	08-420-45		
4.5/hook		08-422-45		
5	08-410-50	08-420-50	08-430-50	08-440-50
5/hook	08-412-50	08-422-50		08-442-50
5.5	08-410-55	08-420-55		
5.5/hook		08-422-55		
6	08-410-60	08-420-60	08-430-60	08-440-60
6/hook		08-422-60		
7	08-410-70	08-420-70		
8	08-410-80	08-420-80		08-440-80



Facebows

Plastic Coated Facebows

GAC offers a wide selection of facebows with an attractive white plastic coating. Coated facebows have proven to aid both patient comfort and cooperation, and can reduce irritation at the labial contact.

Size	Special Short	Short	Medium	Long	High-pull
Universal	08-413-00	08-423-00	08-433-00	08-443-00	
1		08-423-10			
1/hook	08-411-10				
2	08-413-20	08-423-20			08-453-20
3	08-413-30	08-423-30	08-433-30	08-443-30	08-453-30
3/hook	08-411-30				
3.5		08-423-35		08-443-35	
4	08-413-40	08-423-40	08-433-40	08-443-40	08-453-40
4/hook	08-411-40				
4.5		08-423-45			
5	08-413-50	08-423-50		08-443-50	08-453-50
5/hook	08-411-50				
6	08-413-60	08-423-60			
8			08-433-80		



Class III Facemask



Protraction Face Mask

Centrally located to facilitate sleeping, our Protraction Face Mask is designed for high adjustability and patient comfort. Replacement parts are available for heavy wear, and the soft tissue contacts breathe for better patient hygiene.

Description	Reference Number
Protraction Face Mask	17-100-20
Replacement Pad and Key Kit	17-100-30

Facebow Accessories



Facebow Stops

Each pack contains two.

Size	Reference Number
.045" (Pack of 2)	08-229-21



J-Hooks

Distalizes and uprights molars simultaneously.

Color	Reference Number
Small	08-200-02
Large	08-200-01

Headgear Pouch

Each pack contains five.

Color	Reference Number
Yellow	23-000-82
Pink	23-000-83
Teal Green	23-000-84

Straps & Caps

GAC breakaway traction devices, designed to provide safety and results for the clinician and comfort and esthetics for the patient.

Description	Reference Number
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110 High-pull Cap	22-110-00
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111 Chin Cup (for use with 110 caps)	22-111-00
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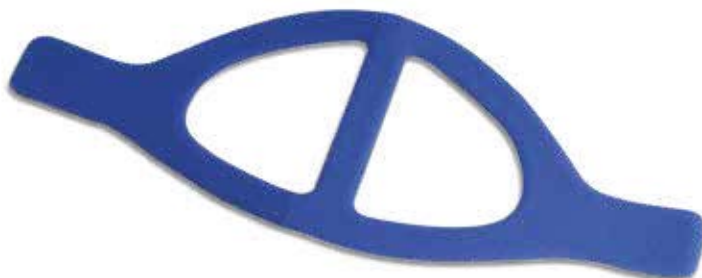
Description	Reference Number
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Cervical Pad- 5" Long	22-050-00
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Cervical Pad- 7.5" Long	22-075-00
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Description	Reference Number
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Velcro Hooks	22-000-12
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NewGear™ Headgear

The NewGear from GAC is not only functional with its single-latch snap, comfortable gel cushion, and precision force module, its sleek styling also provides patients with an attractive alternative to conventional headgear. The more appealing the appliance, the greater the likelihood of patient compliance and achieving the results you and your patients want. Available in red and black, cervical and high-pull.

High-Pull	Reference Number
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Black	23-400-02
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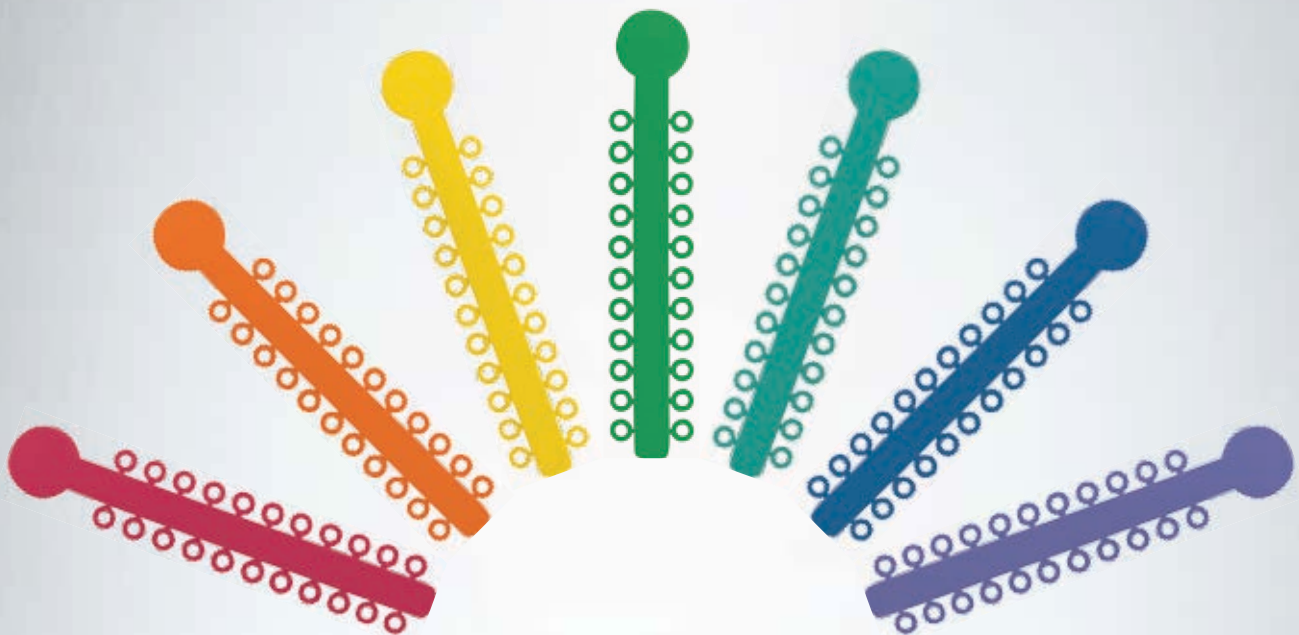
Cervical	Reference Number
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Red	23-300-03
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Black	23-300-02
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GAC Elastomerics



SECTION CONTENTS

223	Intraoral Elastics	230	Elastomeric Thread
225	Extraoral Elastics	231	Twin Ties & Wedges
226	Elastomeric Ligature Ties	232	Molded Elastomeric Separators
227	Elastomeric Chains		
228	Ligature & Chain Color Chart	233	Elastic Accessories

GAC manufactures a wide assortment of elastomeric ligature ties, chain, tubing, accessories and more – all designed to maximize clinical functionality and treatment efficiency. Polymers provide excellent retention and rebound. Offering both latex and non-latex for your sensitive patients, our elastics are conveniently coded for quick, easy identification.

Intraoral Elastics

Latex Elastics

- Perfect for use with aligner cases or ceramic and composite brackets
- Simple to dispense and easy for patient to use
- Force in ounces is measured at 3x passive diameter
- Available in latex and non latex
- Packaged in tamper-proof patient bags
- 100 elastics and one Elasti™ placer per patient bag
- 50 patient bags per dispenser box

See page 228 for item numbers and sizes.

Non-Latex Elastics

- Eliminates concerns over latex allergic reactions
- Crystal clear appearance, for a great esthetic look in the mouth
- Same force and sizing as latex elastics
- Perfect for use with aligner cases and ceramic and composite brackets
- Packaged in tamper-proof patient bags of 100 elastics and one Elasti™ placer; 50 bags per dispenser box

See page 228 for item numbers and sizes.

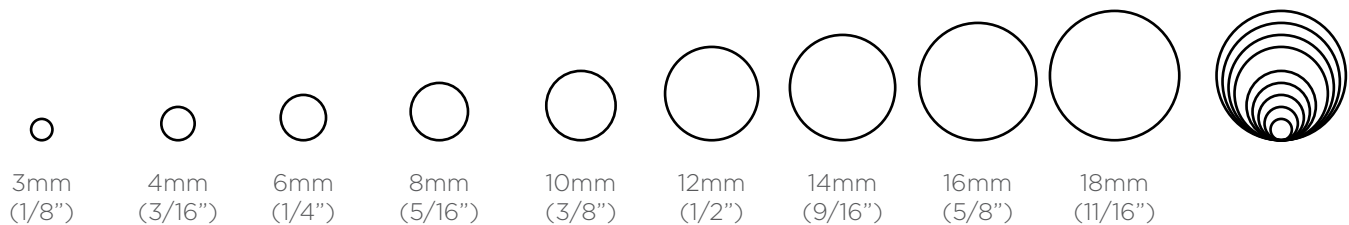
Sunburst™ Elastics

- Latex elastics
- Five bright colors mixed in each patient bag
- Packaged in tamper-proof patient bags of 100 elastics and one Elasti™ placer; 50 bags per dispenser box

See page 228 for item numbers and sizes.

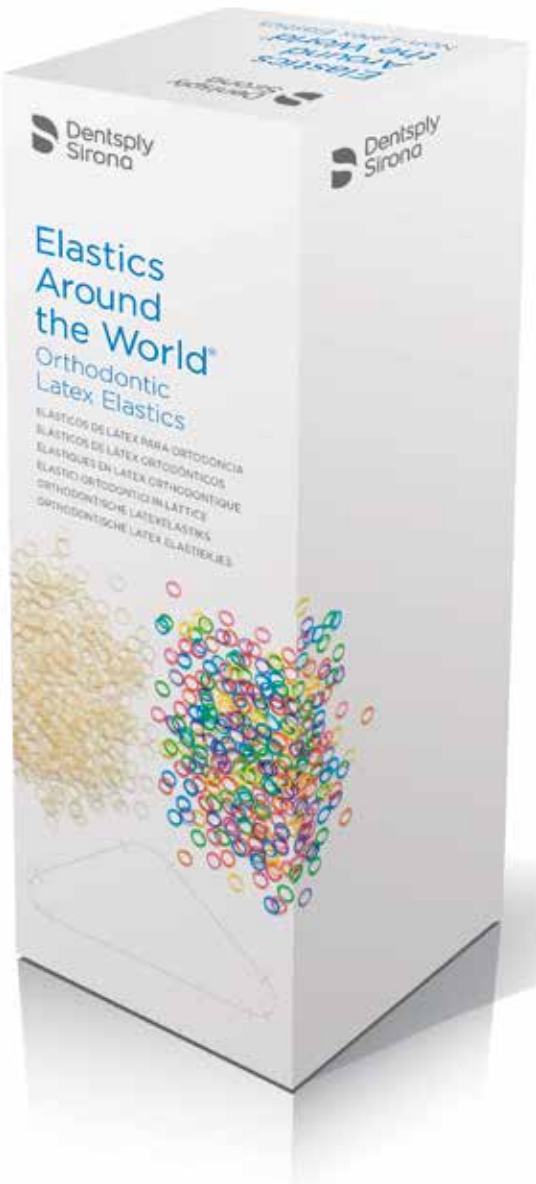


	Red Light 1.8oz	Green Medium 2.7oz	Blue Heavy 4.0oz	Black Super Heavy 6.0oz
1/8" (3mm) Non-Latex Latex Sunburst	 Australia - 11-100-03 -	 Germany 11-301-03/Berlin 11-101-04 11-001-03	 India 11-302-03/New Delhi 11-102-03 -	 Fiji 11-303-03/Suva 11-103-03 -
3/16" (4mm) Non-Latex Latex Sunburst	 Holland - 11-100-04 -	 Mexico 11-301-04/Mexico City 11-101-04 11-001-04	 Switzerland 11-302-04/Bern 11-102-04 11-002-04	 Thailand 11-303-04/Bangkok 11-103-04 11-003-04
1/4" (6mm) Non-Latex Latex Sunburst	 China - 11-100-06 -	 United States of America 11-301-06/Wash. DC 11-101-06 11-001-06	 Japan 11-302-06/Tokyo 11-102-06 11-002-06	 Korea 11-303-06/Seoul 11-103-06 11-003-06
5/16" (8mm) Non-Latex Latex Sunburst	 Canada - 11-100-08 -	 Italy 11-301-08/Rome 11-101-08 11-001-08	 Scandinavia 11-302-08/Stockholm 11-102-08 11-002-08	 South America 11-303-08/Buenos Aires 11-103-08 11-003-08
3/8" (10mm) Non-Latex Latex Sunburst	 England - 11-100-10 -	 Spain 11-301-10/Madrid 11-101-10 -	 France 11-302-10/Paris 11-102-10 -	
5/8" (16mm) Non-Latex Latex Sunburst	 Ireland - 11-100-16 -			



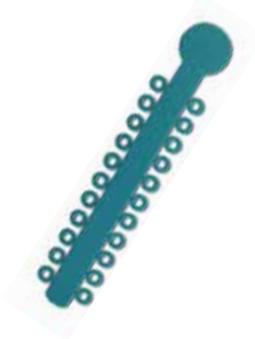
Actual Size Chart

	Brown XH 6.0oz (Extra Oral)	Dark Blue XXH 8.0oz (Extra Oral)
1/8" (3mm) Non-Latex Latex Sunburst		
3/16" (4mm) Non-Latex Latex Sunburst		 Africa - 11-105-04 -
1/4" (6mm) Non-Latex Latex Sunburst		 Kenya - 11-105-06 -
5/16" (8mm) Non-Latex Latex Sunburst	 Greece (A) - 11-104-08 -	 Argentina - 11-105-08 -
3/8" (10mm) Non-Latex Latex Sunburst	 Greece (B) - 11-104-10 -	 Peru - 11-105-10 -
1/2" (12mm) Non-Latex Latex Sunburst	 Greece (C) - 11-104-12 -	



Elastomeric Ligature Ties

- Excellent stretch and rebound, and will not take a set
- Tear-resistant design featuring rounded corners and a flat top provides a strong ligature tie that holds the wire tighter and longer
- The low-profile design fits under bracket tie-wings, and will not irritate the gingiva
- Available in vibrant colors that resist fading



Sani-Tie® Elastomers

- Individual patient configuration eliminates potential patient cross contamination
- Available in a .120” diameter size
- Packaged in bags of 45 dispensers, 22 ties each stick

See page 228 for item numbers and sizes

Mini Ties

- Mini ties contain 10 ties per dispenser, making them truly patient specific
- Allows the use of a unique color on each arch, without contamination issues or waste
- Available in a .120” diameter size
- Packaged in bags of 100 dispensers, 10 ties each stick



See page 228 for item numbers and sizes



Sili Ties™ Silicone-Infused Ties

- Injected with a silicone additive that is time-released during the life of the product while in the mouth
- Slick surface makes it easy to place on ceramic brackets and provides reduced friction with wires during treatment – will not wear off due to abrasion, like other coated ties
- .120” diameter size
- Packaged in bags of 45 dispensers, 22 ties each

Color	Product Number
Clear	59-950-00
Pearlescent	59-950-55
Silver	59-950-03

Elasto Rings

- .120” diameter size
- Packaged in bags of 100 dispensers, 100 ties per dispenser

Color	Product Number
Silver	59-400-14



Elastomeric Chains

- Available in short, medium, and long size variations; 15 ft. spools
- A small window on the back of every spool indicates remaining chain

Sunburst™ Elastomeric Chain

- Excellent stretch and rebound, giving superior elongation for easy application
- Available in colored spools, for easy identification in the office
- Available in a wide array of colors

See page 228 for item numbers and sizes



Sili Chain™ Elastomeric Chain

- Injected with a silicone additive that is time-released during the life of the product while in the mouth
- Slick surface makes it easy to place on ceramic brackets, and provides reduced friction with wires during treatment

Color	*Short (3.2mm)	*Medium (3.6mm)	*Long (4.3mm)
Clear	59-851-00	59-852-00	59-853-00
Pearlescent	59-851-55	59-852-55	59-853-55
Silver	59-851-03	59-852-03	59-853-03



Super Chain™ Elastomeric Chain

- Provides an optimal and consistent force
- Its super-thin profile provides the versatility to piggyback with Sani-Tie® Elastomers
- Available in 15 ft. spools

Color	6M Short	6M Medium	6M Long
Clear	KIT34-012-68	KIT34-013-38	KIT34-011-68
Silver	KIT34-022-68	KIT34-023-68	KIT34-021-686



Accu Chain®

Accu Chain follows our philosophy of a lighter, longer acting, more constant force for moving teeth. Accu Chain is also more color stable than others for longer stretches between appointments. Available in 15 ft. spools; Clear or Silver; Short, Medium, or Long.

Description	*Short (3.2mm)	*Medium (3.8mm)	*Long (4.3mm)
Clear	34-072-78	34-073-78	34-071-78
Silver	34-062-78	34-063-78	34-061-78

(*refers to distance between the center of one aperture and center of the next aperture. Measurements are approximate.)

.120" Ties:
Actual Size

Color Name	.120" Ties	Mini Ties	Sunburst Short Chain	Sunburst Long Chain
Multi Red/Blue/Green	59-600-00			
Multi Pink/Purple/Orange	59-600-01			
Clear	59-200-35	59-650-70	59-200-01	59-300-01
White	59-600-10	59-650-10	59-200-15	59-300-15
Tooth Color	59-300-35		59-200-10	59-300-10
Yellow	59-600-09	59-650-09	59-200-27	59-300-27
Gold	59-600-13	59-650-13	59-200-13	59-300-13
Light Gray	59-100-35			
Silver	59-600-14	59-650-14	59-200-14	59-300-14
Dark Gray		59-650-71	59-200-09	59-300-09
Black	59-600-02	59-650-02	59-200-02	59-300-02
Spring Green	59-600-17	59-650-17	59-200-17	59-300-17
Green	59-600-05	59-650-05	59-200-05	59-300-05
Jade	59-600-32		59-200-39	59-300-39
Emerald	59-600-23	59-650-23	59-200-23	59-300-23
Aqua	59-600-11	59-650-11	59-200-26	59-300-26
Teal	59-600-22	59-650-22	59-200-22	59-300-22
Tar Heel Blue	59-600-56		59-200-56	59-300-56
Light Blue	59-600-15	59-650-15	59-200-25	59-300-25
Jelly Blue	59-600-40		59-200-40	59-300-40
Sapphire	59-600-31		59-200-38	59-300-38
Blue	59-600-04	59-650-04	59-200-04	59-300-04
Navy Blue	59-600-25	59-650-25	59-200-31	59-300-31
Amethyst	59-600-29		59-200-36	59-300-36
Lavender	59-600-16	59-650-16	59-200-16	59-300-16
Jelly Plum	59-600-41		59-200-42	59-300-42
Purple	59-600-07	59-650-07	59-200-07	59-300-07
Pink	59-600-51	59-650-51	59-200-51	59-300-51
Bright Pink	59-600-06		59-200-06	59-300-06
Fuschia	59-600-24	59-650-24	59-200-24	59-300-24
Bright Red	59-600-54	59-650-54		
Red	59-600-03	59-650-03	59-200-03	59-300-03
Jelly Red	59-600-39		59-200-43	59-300-43
Maroon	59-600-12	59-650-12	59-200-12	59-300-12
Orange	59-600-50	59-650-50	59-200-50	59-300-50
Bright Orange	59-600-08		59-200-08	59-300-08
Glow Clear	59-600-33	59-650-33	59-200-32	
Glow Green	59-600-35	59-650-35	59-200-33	
Glow Blue	59-600-36	59-650-36	59-200-11	
Glow Purple	59-600-38			
Glow Pink	59-600-37			
Glow Orange	59-600-34			59-200-34
Metallic Black	59-600-47		59-200-44	59-300-44
Metallic Blue	59-600-18		59-200-18	59-300-18
Metallic Purple	59-600-48		59-200-47	59-300-47
Metallic Red	59-600-20		59-200-20	59-300-20
Pastel Green	59-600-27	59-650-72	59-200-30	59-300-30
Pastel Pink	59-600-26	59-650-73	59-200-29	59-300-29
Pearlescent	59-600-55	59-650-55	59-200-55	59-300-55
Pearl Green	59-600-59			
Pearl Blue	59-600-58			



Sani-Tie Color Guide

• Colors are for illustration purposes only. Actual color of product may vary.

Description	Reference Number
Keyring	59-999-00



Elastomeric Thread



Las-Thread & Las-O-Thread

- Unmatched strength and rebound
- Hollow and square variations are available for securing knots efficiently
- Available in .025” and .030” diameter sizes, in clear and gray color variations
- Available in spools of 25 and 50 feet long



Ultra Thread

- Unique patented manufacturing process provides a rough surface on the thread
- Knots will not slide or come unraveled during treatment
- A leading elastomeric thread in the market, provides excellent elasticity and memory
- Available in .025” and .030” diameter sizes providing varying degrees of force
- Available in spools of 25 feet

	Las-Thread Round Solid	Las-O-Thread Round Hollow	Ultra Thread Round Solid
25 Foot Spool Gray .025"	34-225-12	34-225-02	34-425-12
50 Foot Spool Gray .025"	34-250-12	34-250-02	
25 Foot Spool Gray .030"	34-325-12	34-325-02	34-430-12
50 Foot Spool Gray .030"	34-350-12	34-350-02	
25 Foot Spool Gray .025"	34-225-11	34-225-01	34-425-11
50 Foot Spool Gray .025"	34-250-11	34-250-01	
25 Foot Spool Gray .030"			34-430-11
50 Foot Spool Gray .030"	34-350-11		

Square Energy Thread

- Edges eliminate slippage with sizing used with V-slot MicroArch® or any eyelet
- Sturdy, convenient with unequaled memory
- Excellent for use with the Eruption Appliance
- Available in gray, in spools of 25 feet

	Reference Number
.025" x .025" diameter	34-666-66



Ties & Wedges

Twin Ties Elastomeric Modules - Gray

- Ligature ties with connecting bridges, for use with closing intra arch space
- Excellent for rotating individual teeth and connecting bracket hooks
- Molded from medical-grade urethane that provides continuous gentle forces
- Available in three sizes (packs of 100)

Center Diameter*	Reference Number
6.0mm	59-900-02
8.5mm	59-900-03
11.5mm	59-900-04

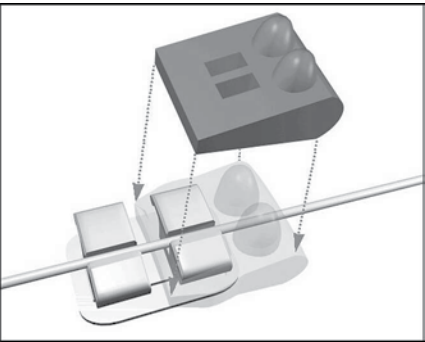
(*refers to distance between the center of one aperture and center of the next aperture. Measurements are approximate.)



Rotation Wedge

- A revolutionary design that makes tooth rotation easier and faster
- The unique wedge shape design provides increased contact with the tooth surface, allowing for more force to be transmitted to the tooth
- Available in gray or clear (packs of 100)

	Gray	Clear
Standard Wedge	97-777-88	97-777-77



Separators

Molded Elastomeric Separators

- Design featuring rounded corners and a flat top provides a strong separator with a high resistance to tearing
- Excellent stretch and rebound making separation easy
- The flat top of the separator makes insertion into tight contacts easy, with less breakage
- Blue color for easy identification inside the mouth

Molded Separators

- Ten separators per stick, eliminating patient cross-contamination
- Packaged in bags of 100 dispensers, 10 separators per dispenser



Molded Thick Separators

- A great solution for hard-to-separate cases, or cases where appliances such as a palatal expander are used
- Flat sides and round corners make insertion easy
- Ten separators per stick, eliminating patient cross-contamination
- 50 dispensers per pack, 10 separators per dispenser



Molded Radiopaque Separators

- Ten separators per stick, eliminating patient cross-contamination
- Radiopaque separators will show up on an x-ray, eliminating the potential of lost separators underneath the gum tissue
- Packaged in bags of 100 dispensers, 10 separators per dispenser



Description	Reference Number
Molded Separator	34-000-20
Molded Thick Separators	34-000-30
Molded Radiopaque Separators	34-000-10



Loose Separators

- Manufactured from medical-grade polyurethane material
- Two unique sizes, for anterior and posterior separation
- Packaged in bags of 100 cut, loose separators

Description	Size	Color	Reference Number
Anterior	Small	Green	34-045-01
Posterior	Large	Blue	34-045-02

Accessories

Elastics Dispensers

- Metal
- Holds 4 boxes
- Mounting holds are provided

Description	Reference Number
Latex Dispenser	97-300-30



Elastics Placer

- The unique design provides an elastic hook on one end and pusher on one end to remove elastics
- Placers provide an efficient tool for patients to wear and regularly change orthodontic elastics
- White (packs of 100)

Description	Reference Number
Placer	11-999-99



Acrylic Chain Dispenser

- Manufactured from heavy-duty acrylic
- Holds up to 10 spools of chain
- Interior roller makes dispensing and refilling easy
- Available in smoke acrylic

Description	Reference Number
Acrylic Chain Dispenser	97-832-00



Picasso Lasers



Dentsply
Sirona
Orthodontics

PICASSO LITE+ PICASSO+

SECTION CONTENTS

237	Picasso Lite PLUS	240	Bendable Disposable Tips
238	Picasso PLUS	241	Safety & Teeth Whitening
239	Fibers	242	Power Options

Picasso lasers provide a multitude of soft-tissue treatment solutions that can be the ideal alternative to conventional surgical methods. Advantages include relatively bloodless surgical sites, the ability to work near metal, precision , minimal or no swelling and scarring, and less post-surgical discomfort and pain. Experience the lasers that are elevating dentistry.

Picasso Lite PLUS Soft-Tissue Lasers



The Picasso Lite PLUS is designed to handle your soft tissue laser treatments. Whether you’re performing gingival recontouring, frenectomies, or revealing impacted teeth, the Picasso Lite PLUS delivers 3.0 watts of power that allows you to perform with the utmost precision. Featuring easy-to-use functionality at an affordable price point, the Picasso Lite PLUS can help you take your practice to the next level.

Features of Picasso Lite PLUS

- 3 Watts
- 3 Customizable Presets
- Multilingual menu
- 2-year warranty

Benefits of Picasso Lite PLUS

- Simple to use at an affordable price
- Ideal for first-time laser dentist or hygienist
- Performs a wide range of soft-tissue surgical and periodontal procedures
- Ideal replacement for an electrosurge

Description	Reference Number
Picasso Lite PLUS World Package	PLPLUS
Package Includes:	
(1) 3 Watt Picasso Lite PLUS Laser	
(1) Transportation Case	PCASE
(1) Assorted Box of Bendable Disposable Tips	TIPA
(1) Multi-Tip Handpiece	MTHP-PLPLUS
(3) Pairs of Laser Safety Goggles	EYEF
(1) Universal Power Supply	STC01
(1) Wireless Foot Control	
(1) Quick Start Guide	QSG
(1) Operating Instruction Manual (English)	
Two-Year Warranty	

Picasso PLUS Soft-Tissue Lasers

The Picasso PLUS features 7.0 watts of power that can be used to perform a wide range of soft-tissue procedures and teeth whitening. Touch screen operation and 8 customizable presets simplify your treatment protocols. For unprecedented versatility, low operating cost and affordability, experience the undeniable confidence that comes with an abundance of power.

Features of Picasso PLUS

- 7 Watts
- 8 Customizable Presets
- Multilingual menu
- Two-year warranty

Benefits of Picasso PLUS

- Unprecedented versatility, low operating cost and affordability
- Ideal for first-time or expert laser practitioners
- Performs a wide range of soft-tissue surgical, periodontal, and whitening procedures



Description	Reference Number
Picasso PLUS World Package	PPLUS
<i>Package Includes:</i>	
(1) 7 Watt Picasso Plus Laser	
(1) Transportation Case	PCASE
(1) Assorted Box of Bendable Disposable Tips	TIPA
(1) Multi-Tip Handpiece	MTHP-PPLUS
(1) Quadra Tip	QT
(3) Pairs of Laser Safety Goggles	EYEF
(1) Universal Power Supply	STC01
(1) Wireless Foot Control	
(1) Quick Start Guide	QSG
(1) Operating Instruction Manual (English)	
(1) "Diode Laser Soft-Tissue Surgery for General Dentists" (Volume 1-3) ICLE-4	
Two-Year Warranty	

*Items in kits or packages may be ordered individually if an item number is listed.

Fibers

Description	Reference Number
Strippable Fiber Accessory Package	SF-KIT
<i>Package Includes:</i>	
(1) 400-µm Fiber (FC Connection)	SF-400-FC
(2) Hand pieces	SH
(1) Fiber Stripper	FS
(1) Cleaver	CS
(1) Handpiece Case	SCH
(1) Spool for Strippable Fiber	SFFS



Description	Reference Number
Replacement insert for use with blue (strippable fiber) surgical handpiece	SH-INSERT

Description	Reference Number
Multi-Tip Handpiece Kit	MTP-PLPLUS
Picasso Lite PLUS (FC Connection)	
<i>Kit Contains:</i>	
(1) Optical Fiber (Black)	
(1) Spool	SFFS
(1) Protective Dust Cap	

Description	Reference Number
Multi-Tip Handpiece Kit	MTP-PPLUS
Picasso PLUS (FC Connection)	
<i>Kit Contains:</i>	
(1) Optical Fiber (Orange)	
(1) Spool	SFFS
(1) Protective Dust Cap	



Bendable Disposable Tips



Description	Reference Number
Assortment of Bendable Tips (Box of 25)	TIPA
<i>Kit Includes:</i>	
Surgery Bendable Tips (10mm, 400 µm)	TIP4006010
Surgery Bendable Tips (5mm, 400 µm)	TIP3006010
Perio Bendable Tips (10mm, 300 µm)	TIP4006005

Perio Bendable Tips

Description	Reference Number
5mm, 300 µm	TIP3006005
10mm, 300 µm	TIP3006010



Surgery Bendable Tips

Description	Reference Number
5mm, 400 µm	TIP4006005
10mm, 400 µm	TIP4006010



Endo Bendable Tips

Description	Reference Number
20mm, 200 µm	TIP2006020
10mm, 300 µm	TIP3006010



Safety & Teeth Whitening

Description	Reference Number
Adult Protective Goggles (CE Certified) (800-820 nm OD 5+)	EYE



Description	Reference Number
Adult Protective Fit Over Goggles (CE Certified) (800-820 nm OD 5+)	EYEF

Laser Teeth Whitening Gel Kit

The JW Power Bleaching Gel Diode was developed for safe use with 810 µm – 980 µm diode lasers. Heat is absorbed in the gel to help alleviate post-treatment teeth sensitivity.

Case of (5) treatment packs; each pack includes:

- JW - Power Bleaching Pulver, Diode
- H²O²
- JW - Liquid Dam
- JW - Desensitizing Gel
- For use with 7.0 Watt Picasso Plus Laser

JW by Heydent is not a trademark of Dentsply Sirona.

Description	Reference Number
Laser Teeth Whitening Gel Kit (5 Single Packs)	WG-5



Description	Reference Number
Quadra Tip Use for laser teeth whitening with the Picasso 7.0 Watt Laser and multi-tip handpiece.	QT

*Items in kits or packages may be ordered individually if an item number is listed.

Power Options



Boost Laser Battery Pack
For optimum portability, add the Boost battery pack to your Picasso laser.

- Rechargeable
- For use with all Picasso and Picasso Lite lasers
- Attaches to bottom of laser

Description	Reference Number
Boost Laser Battery Pack	BOOST



Description	Reference Number
9V Power Adapter	PS-9V
110V-240V, 50-60 Hz	
Includes STC01	
12V Power Adapter	PS
110V-240V, 50-60 Hz	
Includes STC01	

Description	Reference Number
Wireless Foot Control	STFCBUC
Backup Cable	



*Items in kits or packages may be ordered individually if an item number is listed.

GAC Lab Essentials



SECTION CONTENTS

245	Expansion Screws	265	Thermoforming Accessories
251	Plastics	266	Vacuum Forming Machines
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260	Model Materials	270	Lab Wires
263	Thermoplier System	272	Snap-Fit Bands

Lab products and materials are vital to a busy orthodontic practice. GAC offers a wide selection of quality supplies and equipment to support your in-office laboratory needs. From impression materials, thermoforming plastics, and rapid palatal expanders, to acrylics and interproximal reduction potions, you can count on GAC to be your laboratory essentials provider.

Expansion Screws

Rapid Palatal Expanders

- Mid-palatal suture separations by means of fixed appliances with pre-bent, laser-welded retention arms
- Pre-determined thread friction ensures reliability and results in greater expansion capability

	17-115-04	17-115-12	17-115-05
Size of Housing	13mm	15mm	17.6mm
Maximum Expansion	9mm	11mm	33mm
1/4 Turn	0.9mm	0.9mm	0.9mm



Half Screw

- Used as a lower fixed sagittal or in conjunction with Herbst therapy

Description	Reference Number
Half Screw	17-115-28

Straight Arm RPE

- Laser-welded arms are not bent to increase customization and economy
- Four sizes



	17-002-01	17-002-02	17-002-03	17-002-04
Maximum Expansion	8mm	9mm	11mm	13mm



Mini Compact RPE

- Small size allows for use in the upper and lower arch
- Most expansion (12mm) available
- Guide pin for added stability and strength
- Extra long legs. Housing - 15mm

	17-115-27
Size of Housing	15mm
Maximum Expansion	12mm

Ratchet Mini Compact RPE

- Unique ratchet clip to prevent back-up
- Audible click to identify activation
- Built-in safety feature to prevent over activation

	17-115-29
Size of Housing	12mm
Maximum Expansion	11mm



Expansion Screws

Stealth RPE

- Compact and strong mechanism, body bulk is minimized
- No external weld marks reduces the collection of plaque
- Arms are internally attached to resist stress breakage point
- Internal mechanisms; reliable for stability and precision
- Extra long arms to easily form appliances without soldered extensions
- Available in 2 sizes
- Packaged with new Smart Key™

	17-104-01	17-104-02
Size of Housing	13mm	16mm
Maximum Expansion	8mm	11mm



Maxibent Expanders

- Fixed four armed RPE
- Anatomic angulation for precise fit
- 100% surgical grade stainless steel
- Laser welded

	17-102-21	17-102-22	17-102-23	17-102-24
Size of Housing	12mm	14mm	16mm	18mm
Maximum Expansion	9mm	9mm	11mm	13mm
1/4 Turn	0.8mm	0.8mm	0.8mm	0.8mm

Tools for RPE

- RPE Leg Bender - Slides over RPE legs for easy adjustments without placing undue stress on laser points and prevents torquing of housing which could lead to screw locking up during treatment
- Shilliday Safety Key - for activating the expander

Description	Reference Number
RPE Leg Bender	17-102-07
Shilliday Safety Key (Pack of 10)	97-111-11



Exspider Expansion Screw

- Widens anterior sector of maxillary arch while maintaining width of the posterior part of the palate
- Commonly used in the treatment of cleft palates

	17-104-00
Maximum Expansion	9mm
1/4 Turn	0.9mm



Stainless Steel Expansion Screws

- SS skeletal design for transverse and distal movement (17-115-23)
- SS skeletal design for transverse expansion in the upper arch (17-115-24)
- SS skeletal design for transverse movement and maxillary expansion. Ideal for Haas type appliances (17-115-25)

	17-115-23	17-115-24	17-115-25
Size of Housing	11mm	13mm	15mm
Maximum Expansion	6.5mm	8.5mm	11mm
1/4 Turn	0.7mm	0.7mm	0.7mm
Body Style	Mini	Medium	Magnum



Standard Expansion Screws

- Skeletal design for transverse and/or distal expansion with integrated acrylic retention holes in the housing (17-106-91, 17-106-14)
- Extra-long fully encased design for sturdy unilateral maxillary expansion (17-110-17)

	17-106-91	17-106-14	17-110-17
Size of Housing	14.3mm	14.3mm	
Maximum Expansion	7.5mm	7.5mm	13mm
1/4 Turn			0.9mm
Body Style	Narrow	Medium	Maxi



Three-Dimensional Screws

- Expansion screw with three independently controlled movements that combine for both transverse and protrusion expansion

	17-115-19	17-115-20
Size of Housing	17mm	17mm
Maximum Expansion	2x3.5mm	7mm
1/4 Turn	0.4mm	0.8mm



Expansion Screws



Trapezoidal Screws

- Skeletal design and shape to maximize anterior placement in either arch

17-115-01		
Size of Housing		14.3mm
Maximum Expansion		5mm
1/4 Turn		0.8mm



Fan Screw

- Two-piece fan or hinge expansion screw for asymmetrical expansion of the maxilla

17-115-06		
Size of Housing		12mm
Maximum Expansion		6mm
1/4 Turn		0.8mm



Upper Sagittal

- Sectional expansion screw with “U” shape guide pin (straight) for distal movement in either arch

	17-115-17	17-115-16	17-109-00
Size of Housing	10mm	13mm	13mm
Maximum Expansion		3mm	5mm
1/4 Turn		0.35mm	0.35mm
Body Style	Mini	Medium	Standard



Lower Sagittal

- Sectional expansion screw with “U” shape guide pin (angulated) for contoured placement in the acrylic
- For distal movement in either arch

17-115-18		
Size of Housing		13.5mm
Maximum Expansion		5mm
1/4 Turn		0.35mm
Body Style		Mini



Sectional Screw

- Expansion screws for unilateral movement in either arch with integrated acrylic retention holes
- Ideal for lower arch

	17-115-02	17-106-01
Size of Housing	14.5mm	14.5mm
Maximum Expansion		7.5mm
1/4 Turn		0.35mm
Body Style	Narrow	Medium



Expansion Screw 1005/12 & 1005/14

- Double guidance expansion screw for multiple use

	17-105-12	17-105-14
Size of Housing	12mm	14.3mm
Maximum Expansion		5mm



Expansion Screw 1009LG

- Skeleton type sector screw
- For use as a distal screw and for single tooth movements

17-109-10		
Size of Housing		16.9mm
Maximum Expansion		9.5mm

Expansion Screws



Mandibular Bow Screw

- For lateral and sagittal anterior expansion of the mandible

		17-115-03
Size of Housing		20mm
Maximum Expansion		8mm
1/4 Turn		0.8mm



Retraction Screws

- For closing spaces and diastemas with straight “U” shape guide pin

		17-115-22	17-115-21
Size of Housing		13.5mm	18mm
Maximum Expansion		3mm	6mm
1/4 Turn		0.4mm	0.4mm
Body Style		Mini	Medium



Plastic Expansion Screws

- Special plastic housing to reduce the content of metal in the mouth
- Turn back protection
- Guiding pins and thread spindle made from stainless steel

		1002 K-14 17-002-14	1003 K-14 17-003-14
Size of Housing		14.3mm	14.3mm
Maximum Expansion		7.5mm	7.5mm



Plastics

Essix ACE® Plastic - Consistently Accurate Thermoforming

Primary use: Aligners and Retainers

Retention after orthodontic treatment is vital to maintaining a patient's new smile. Clear retainers made from Essix ACE® Plastic are an esthetically-pleasing option for patients who want to avoid wearing a retainer with a visible wire.

- Average life: 18-24 months
- Also use for temporary anterior bridges
- Clear material has protective film on both sides
- Not made with natural rubber latex or BPA
- Not recommended for Bruxers

Patent #5,692,894



Thickness	5” Square (Vacuum Machine)	125mm Square (Biostar)	125mm Circle (Bio/Mini Star)	120mm Circle (Erko)
.030”/ ¾mm	25-350-35		25-325-30	25-320-31
.035”/ ⅞mm	25-050-35	25-347-35	25-025-35	25-020-35
.040”/ 1mm	25-450-45	25-478-40	25-425-40	25-420-41



Essix A+® Plastic - Clear & Rigid

Primary use: Bite Planes

Bite planes may be used to treat patients with a deep bite. Removable bite plane appliances can easily be fabricated in-office with Essix A+® Plastic.

- Clear material has blue protective film on both sides
- Also use for splints, nightguards (.080” and .120” thicknesses) and snoring appliances
- .020”, .030”, and .040” thicknesses are not recommended for bruxers
- Accepts acrylics/bonding agents
- Not made with natural rubber latex or BPA
- Average life: 18-24 months

Patent #5,692,894

Thickness	5” Square (Vacuum Machine)	125mm Square (Biostar)	125mm Circle (Bio/Mini Star)	120mm Circle (Erko)	Quantity
.020”/ ½mm	25-100-25				Box of 100
.030”/ ¾mm	25-100-35	25-100-30	25-110-30		Box of 100
.040”/ 1mm	25-100-45	25-100-40	25-110-40	25-110-41	Box of 100
.060”/ 1½mm	25-100-65				Box of 25
.080”/ 2mm			25-110-80		Box of 25
.080”/ 2mm	25-100-85				Box of 50
.118”/ 3mm			25-131-99		Box of 25

Plastics

Essix C+® Plastic

Primary use: Aligners & Retainers for Bruxers

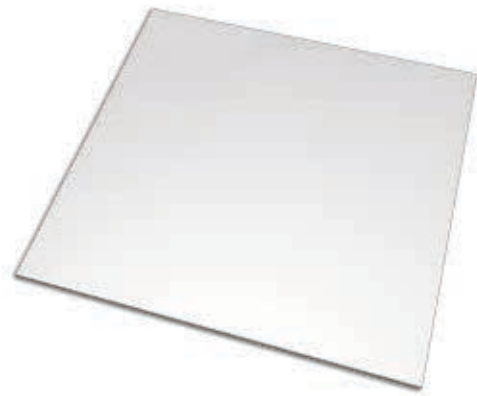
When making retainers and aligners for bruxers, a more flexible plastic provides additional strength to help withstand mastication pressure. Clear retainers made from Essix C+® Plastic are an esthetically pleasing option for bruxers who want to avoid wearing a retainer with a visible wire.

- Average life: 24 months
- Contact clarity
- Also use for bite planes
- Not for use with acrylics/bonding agents
- Not made with natural rubber latex or BPA

Patent #5,692,894



0.04”/1mm Thickness	Reference Number
5” (Vacuum Machine)	25-135-00
125mm Square (Biostar)	25-134-78
125mm Circle (Bio/Ministar)	25-131-25
120mm Circle (Erko)	25-191-20



Essix® Bleach Tray & Model Duplication Material

Primary use: Model Duplication

Our best plastic for duplicating models and transferring cases.

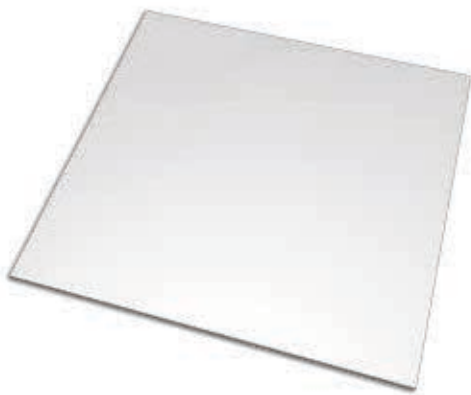
- For bleach trays, use .040” (1mm) or .060” (1.5mm) thicknesses
- For model duplication and transfer cases, use any thickness
- Not made with natural rubber latex or BPA

125mm Circle (Bio/Ministar)	Reference Number
.04”/1mm	25-190-21
.08”/2mm	25-190-22
.118”/3mm	25-190-23

Clear Resin Mouth Guard Material

- For custom-formed mouthguards
- Also optimal for indirect bonding trays
- Pack of 25

Description	Reference Number
.04”/1mm	25-200-20
.08”/2mm	25-200-21
.118”/3mm	25-200-29
.157”/4mm	25-200-30



Essix® Dual Laminate

Primary use: TMJ Splints

Essix® Dual Laminate has a hard top surface that withstands mastication pressure while a soft bottom surface provides patient comfort.

- Dual-sided construction
- Also used for nightguards, clenchers, and grinders
- Accepts bonding agents
- Not made with natural rubber latex or BPA
- Store in a cool, dry place

Note: Not recommended for use in a Drufomat.

Thickness	5” Square (Vacuum Machine)	125mm Square (Bio/Ministar)
0.8”/ 2mm	25-125-00	25-121-25
.12”/3mm	25-200-90	

Bleach Trays - Ensures Superior Tooth Whitening Trays

Primary use: Whitening Trays

Do you have patients who need to whiten their teeth for an upcoming wedding, or to remove stains? Fabricate a custom-fitted whitening tray right in your office with Essix Tray Rite® Plastic.

- Clings to the tooth surface
- Doesn't stretch like EVA material - helps prevent bleaching material from leaking into mouth
- No reservoirs needed when fabricated on a vacuum machine
- Not made with natural rubber latex or BPA
- Store in a cool, dry place

Patent #6,089,869

Thickness	5” Square (Vacuum Machine)	125mm Square (Bio/Ministar)
.02”/½mm	25-705-00	25-701-25



Nightguard Laminates

Primary use: Bruxism Appliances

Use Essix® Nightguard Laminate to fabricate nightguards and bruxism appliances in-office. The single-sided soft material prevents contact with opposing teeth, relieving some of the pressure of grinding and clenching.

- Single-sided construction
- Soft surface has excellent shape memory and abrasion resistance
- Also use for orthodontic repositioners and periodontal splints
- Not made with natural rubber latex or BPA
- Store in a cool, dry place

.120”/3mm thickness	Reference Number
5” Square (Vacuum Machine)	25-200-99



Impression Materials & Supplies

Alginate Mixing Bowls

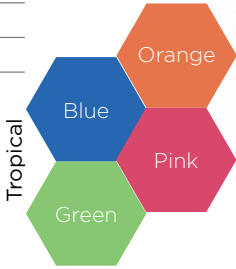
Smooth, flexible plastic makes removing mixed alginate easy.

- Does not contain PVC
- Made in the USA
- 4” diameter

Plastic Alginate Spatulas

- Designed to fit all mixing bowls
- They won't scratch the surface of the bowls, and clean up easily
- Perfect combination of flexibility and stiffness, for good control
- Easy grip handle reduces slipping
- Available in bright tropical colors that match alginate mixing bowls
- Packs of 5

Description	Reference Number	
	Mixing Bowl	Spatula (Packs of 5)
Tropical Pink	97-930-12	97-930-22
Tropical Green	97-930-13	97-930-23
Tropical Orange	97-930-11	97-930-21
Tropical Blue	97-930-10	97-930-20



Super Soft Alginate Mixing Bowls

- Made for those who want a truly flexible mixing bowl
- Molded from extremely smooth and pliable vinyl, for controlled mixing and cleaning
- Available in a cheerful mauve color

Description	Reference Number
Super Soft Alginate Mixing Bowl	17-000-09

Disposable Mixing Bowl

- Functional, economical, and colorful addition to any office
- Easy to use and easy to clean

Description	Reference Number
Disposable Mixing Bowls (Pack of 50)	17-001-19



Essix® Debubbler

- Helps eliminate air bubbles
- Spray into the impression prior to pouring the model
- Clear liquid in a 16oz spray bottle

Description	Reference Number
Debubbler	25-210-08

Ideal Tray Cleaner

- Impression materials lifts off easily when trays soak in GAC's tray cleaner

Description	Reference Number
Ideal Tray Cleaner	52-333-33



Ideal Impression Guards

- A perfect solution for how to take a good impression when a patient is wearing brackets and wires
- A thin elastomer strip fits over brackets, covering up areas that alginate normally adheres to
- The impression can be removed easily with minimal damage
- Each strip is made to fit one full arch, can be trimmed for patients who are not fully bonded
- Individually wrapped to prevent patient cross contamination
- Box of 50 strips

Description	Reference Number
Ideal Impression Guards	17-000-05



Color-Coded Impression Trays

- A unique mechanical locking system eliminates the need for spray adhesives
- A clean, complete impression is assured
- High sides provide excellent margin and gingival detail
- Available in five color-coded sizes, for both upper and lower arches

Description	Reference Number			
	Autoclavable - Packs of 5 Upper Tray	Packs of 5 Lower Tray	Disposable - Packs of 50 Upper Tray	Packs of 50 Lower Tray
Large (Yellow)	97-800-01	97-900-01	97-850-01	97-950-01
Medium (Green)	97-800-02	97-900-02	97-850-02	97-950-02
Small (Blue)	97-800-03	97-900-03	97-850-03	97-950-03
Pedo Medium (Orange)	97-800-04	97-900-04	97-850-04	97-950-04
Pedo Small (Red)	97-800-05	97-900-05	97-850-05	97-950-05

Impression Materials & Supplies

imprESSIX® Extra Fast Set Alginate

Do More in Less Time. Sets quickly while providing 25 micron line detail.

- Setting time: 45 seconds
- Dimensional stability: 2 days (inside sealed plastic bag)
- 25 micron line detail
- 2 casts per impression
- Dustless
- Natural fruit smell
- Fills tray smoothly
- Easy to remove from mouth
- 500g per bag

Description	Reference Number
imprESSIX® Alginate 500g Bag	25-001-05
imprESSIX® Alginate (1) Case (20-500g Bags)	25-020-05

imprESSIX® Alginate Storage

- Airtight seal keeps alginate fresh and ready to use
- Measuring scoop (included) is stored inside the lid for easy access
- Canister measures 7” high x 6” wide x 6” deep and holds two 500g bags of imprESSIX® Alginate

Description	Reference Number
imprESSIX® Canister	25-001-07
Alginate Scoop	25-001-08

imprESSIX® Color Change Alginate

Tells You When It’s Ready.

Changes color so it’s easy to know when to take the impression (Purple to Pink: Mix Time Complete) and when to remove it from the mouth (Pink to White: Set Time Complete).

- Setting time: 60 seconds
- Dimensional Stability: 5 days (inside sealed plastic bag)
- 25 micron line detail
- 2 casts per impression
- Dustless
- Natural fruit smell
- Fills tray smoothly
- Easy to remove from mouth
- 500g per bag

Description	Reference Number
imprESSIX® Color Change Alginate 500g Bag	25-001-09
imprESSIX® Color Change Alginate (1) Case (20-500g Bags)	25-020-09



Jeltrate Plus

Jeltrate Plus alginate begins with a dustless formula, giving you the added protection of reducing the amount of airborne particles you would normally inhale with other alginates. And because dust won’t be collecting in all of those little crevices of your office, it also makes for easier cleanups and a healthier overall environment for you and your practice.

Description	Reference Number
Jeltrate Plus Fastset Ctn 9	605602
Jeltrate Plus F/S 22lbs GAC	605603G



OrthoChrome™ Hydrocolloid Alginate

GAC offers a lead and cadmium-free alginate that changes color to signify changing phases – violet for the 35-second mixing stage; rose for the 40-second working stage; and light blue for the 45-second set stage. The impression is complete in approximately two minutes, and the vanilla scent makes impression-taking an almost pleasant experience. OrthoChrome is easy to remove and offers longer dimensional stability – approximately 120 hours. OrthoChrome is highly recommended for impressions used in making digital models. Available in one-pound foil bags and boxes of 24 one-pound foil bags.

Description	Reference Number
450 gram bag	55-555-55
Box of 24 bags	KIT55-555-99
Storage pail, approx. 2 quarts	55-555-57

Ideal™ Alginate

A heavy body, fast set alginate that is user friendly. Over twenty years of consistent results prove its reliability.

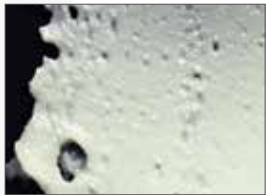
Description	Reference Number
Can, 454g	55-004-40
Case of 12 cans	KIT55-004-40
Bulk Pack, 20lbs	55-204-40



Impression Materials & Supplies

Hurrimix™ Automatic Mixer for Alginate & Stone

- Mix Alginate and Stone in 5 easy steps!
- hurrimix is programmable with 10 options for alginates and 10 programs for stones
- Users can modify any programs at any time using its large digital display for simple, rapid operation.
- Set programs for specific alginate and stone products resulting in a fast, reliable mixing process.
- Includes: 1 spatula, 1 pre-mix stick, 1 spatula holder, 4 mixing containers (2 Alginate and 2 Stone), 1 water bottle with a graduated measuring cup, Powercord and DFU.
- 2 YEAR WARRANTY



Manual Mixing:
Revolution max
180 rpm



Automatic Mixing with the Hurrimix™
Revolution ≈ 600 rpm
Rotation ≈ 3000 rpm

The hurrimix provides you with highly consistent quality mixes, while **reducing mix time by as much as 80% vs hand mixing — a significant savings.** The number of rotations achievable with an automatic mixer are not achievable by mixing manually.

Hurrimix™ Automatic Mixer for Alginate & Stone

- Neutral pH cleansing agent is used to remove dental gypsum from impression trays, brushes and other instruments.
- Effective even in the least accessible areas
- Ready-to-use; no mixing or dilution required
- Does not contain phosphates or surface-active agents
- Effervescent, light blue colored liquid
- Action time 30 - 60 minutes
- 3 liter bottle



Hurrimix™ Alginate Mixing Cups

- For use with Hurrimix™ Mixer.
- Alginate + water mixing capacity = 80g



Hurrimix™ Stone Mixing Cups

- For use with Hurrimix™ Mixer.
- Stone + water mixing capacity = 100g

Description	Reference Number
Hurrimix™ Automatic Mixer for Alginate & Stone	C305132
Gystray Stone Remover	C400441
Hurrimix™ Alginate Mixing Cups (Set of 2)	XR0250802
Hurrimix™ Stone Mixing Cups (Set of 2)	XR0250804

Gypstray is not a trademark of Dentsply Sirona.

Model Materials



5lbs makes approximately 23 full arch models!

Die Stone

- Die Stone has very high compression strength 17,000psi dry) and low setting expansion (0.13%). Pink color, working time is 6-8 minutes and is completely dry in 48 hours.
- Fast Cast Die Stone is white in color, working time of 60-90 seconds and a setting time of 2 minutes. Completely dry at 14,000psi in 48 hours with a setting expansion of 0.15%. Best used when you want to deliver appliances on the same day.

Description	Reference Number
Regular, Pink Powder - 5lb Jar	25-160-05
Regular, Pink Powder - 25lb Carton	25-160-25
Regular, Pink Powder - 50lb Carton	25-160-50
Fast Cast, White Powder - 5lb Jar	25-165-05
Fast Cast, White Powder - 45lb Carton	25-165-45

Die Stone Regular Cast

- High Strength (9,000psi) designed for orthodontic appliances
- Combines smooth mixing, low expansion, and ample setting time
- Contains special whitening additives to produce a brilliant white color

Description	Reference Number
Regular Cast Super White Powder 25lbs	97-350-25DS
Regular Cast Super White Powder 50lbs	97-350-26DS
Regular Cast Super Yellow Powder 50lbs	97-350-28DS



Plaster

- High Strength (6,500psi) designed specifically for orthodontic appliances
- Smooth mixing, low expansion, ample setting time
- Contains special whitening additives to produce a brilliant white color

Description	Reference Number
Plaster Powder 25lbs	97-350-30DS
Plaster Powder 50lbs	97-350-31DS

Triad® Gel

- Light cure material for creating space
- Block out excessive undercuts on the cast, correct cast discrepancies and create space in aligners for tooth movement
- Also used to create bite planes and splints
- Available in clear pink and clear colorless

Description	Reference Number
Clear pink (4-22g tubes)	25-300-04
Clear pink (1-22g tube)	25-300-05
Clear colorless (1-22g tube)	25-300-09



Blockout Compound - Won't Melt

- Ideal for repairing models, blocking out severe undercuts, or creating space for tooth movement when thermoforming plastic
- Putty-like material is easily formed
- Will not melt under heat or while thermoforming

Description	Reference Number
3oz block	25-183-00

Heatshield 16oz Jar

Protects the surface of all metals, acrylics, vinyls, glass, etc. Perfect for protecting RPE housing from excess heat exposure.

Description	Reference Number
Heatshield 16oz Jar	97-305-16



Model Storage

Economical Model Storage

- Reliable, no-hastle storage
- Heavy duty and water resistant, Ortho Box® Storage Systems are compactly designed and easy to assemble
- Note: This item is oversized and may incur special shipping charges.

Ortho Box is not a trademark of DENTSPLY.

Unmounted Models

Stored with an upper or lower arch in each cell. Each box holds 120 models – four boxes hold a total of 480 models.

Description	Reference Number
For Finished Cases - Top Loading (320 sets)	25-080-04
For Finished Cases - Top Loading (480 sets)	25-090-04



Mounted Models

Stored with an upper and lower model in the same cell. Each box holds 80 sets of models – four boxes hold a total of 320 sets of models.

Description	Reference Number
For Active Cases - Drawers (320 sets)	25-099-04

Hilliard Thermoplier® Pliers

Our exclusive Thermoforming Pliers are used for in-office fabrication of clear plastic aligners designed for minor tooth movement utilizing safe, virtually invisible activators. The pliers are used to create or modify force points, to create space, to create slots or to form hooks in aligners. Force points generate pressure and guidance to move teeth into the desired position.

Patent # 6,293,790

Description

Undercut Enhancer Pliers

- Interproximally improve retention
- Adjust loose aligners
- Position on aligner:
Undercut areas/embrasures

Reference Number:

ODG326

Description

Maxillary Tooth Moving

- Tip or rotate larger maxillary teeth
- Position on aligner:
Center of the target tooth

Reference Number:

ODG327

Description

Mandibular Tooth Moving Pliers

- Tip or rotate mandibular teeth or smaller maxillary teeth
- Position on aligner:
Center of the target tooth

Reference Number:

ODG328

Description

Btie Plane Pliers

- Make bite plane aligners without acrylic
- Position on aligner:
On the resulting mark from articulating paper

Reference Number:

ODG329

Description

Micro-Ramp Pliers

- Tip, torque, or rotate teeth
- Position on aligner:
On the correct location on the target tooth

Reference Number:

ODG330

Description

Elastic Hook-Forming Pliers

- Creates the hook for the elastic to be attached to when used with the true slot-forming plier
- Position on aligner:
Produces the projection needed to make a hook for elastics

Reference Number:

ODG331

Description

Elastic Slot-Forming Pliers

- On the previously formed projection
- Position on aligner:
Forms the slot in the projection to hold elastics

Reference Number:

ODG332

Description

Bubble-Forming Pliers

- Create additional space in the aligner for tooth movement
- Position on aligner:
The location opposite force on target tooth

Reference Number:

ODG333

Hilliard Thermoplier® Pliers

DescriptionReference Number:

Large Circle Pliers

- In the area around the bump or hook
- Position on aligner:
Increase the depth of an existing bump, elevates hooks off of teeth



DescriptionReference Number:

Mesial-Distal Pliers

- Lateral movement of teeth
- Position on aligner:
Appropriate interproximal areas



Organizer Pliers & Fabrication Tools

- Holds all 11 pliers, along with other thermoforming tools and supplies
- Clear acrylic, measuring 9" long x 4 1/4" tall x 4 1/4" wide

DescriptionReference Number

Essentials Organizer25-825-94



Rapid Plier Heater

Used to heat Hilliard Thermoplier® Pliers to fabricate activations that will correct relapse and rotations of anteriors; and upright lingually displaced teeth using “bumps” and dimples to create force vectors.

DescriptionReference Number

Rapid Plier Heater97-999-25

Torch Refill 150g97-999-26

DescriptionReference Number:

Small Circle Pliers

- Location of the existing bump
- Position on aligner:
Increase the depth of an existing bump



Thermoforming Accessories

Accentuator® Tool

- Help ensure a snap-in fit
- Guide plastic into the interproximal undercuts using this Accentuator® tool
- Use right after thermoforming and just before the application of Ortho Ice® Coolant

DescriptionReference Number

Accentuator25-187-43



Cast Remover

- Avoid costly cast damage
- Use under the distal flange to work appliance up off the model to ensure plastic integrity and avoid breaking the cast.

DescriptionReference Number

Cast Remover25-187-42



Ortho Ice® Coolant

- Enhanced adaptation
- Plastic should be cooled with Ortho Ice® Coolant immediately after thermoforming
- Stops thermal action and prevents malformation of the plastic
- Without this rapid cooling, the lingual or palatal edge may lift
- Use immediately after thermoforming and applying the Accentuator® Tool
- Can also be used to increase flexibility or thermally-activated arch wires
- Item can only be shipped via ground delivery – sorry, no air delivery.

Patent #6,971,759

DescriptionReference Number

Ortho Ice® Coolant (10oz Can)17-123-45



Trim-Rite

Helps Avoid Broken Models. Spray the cast to ensure a clean separation of the working cast from the thermoformed plastic.

- Works with all thermoforming plastics
- Formulated not to turn plastic yellow!
- 12oz can
- Item can only be shipped via ground delivery – sorry, no air delivery

DescriptionReference Number

Trim-Rite Release Agent (12oz can)25-210-04

Vacuum Forming Machines

The Original Essix® Machine - an Economical Option

The Original Essix® Vacuum Thermoforming Machine is an economical option to fabricate removable dental appliances in your office.

- High-performance baseplate creates concentrated suction power
- Vacuum Maximizer® Gaskets (one full-arch and one cuspid-to-cuspid) concentrate suction directly around the cast
- 14.5”h x 9.5”l x 8”w; 18 lbs.
- 110volt
- Five-year warranty

Vacuum Maximizer

- Increase suction under your cast on any vacuum machine
- Concentrate vacuum power directly around the cast by covering the outer holes on the baseplate of any vacuum machine
- Available in two sizes – for full-arch casts or cuspid-to-cuspid casts

Patent #5,829,980

Description	Reference Number
110 Volt (U.S. Version)	25-850-00



Essix® SelectVac® Vacuum Machine

The Essix® SelectVac® Vacuum Machine lets you do more in less space.

- Up to 50% more suck down power than standard vacuum machines
- Vacuum power: 6 inches hg
- Auto-on vacuum
- Auto-off carbon fiber heating system
- Two-sided heating with rotating plate support
- No pre-heat required
- Built-in digital timer
- Accepts round and square plastic
- Includes combined cast rack (plane/cup) and glass beads for adjusting model height
- 7” wide x 9” deep x 11.5” high
- One-year warranty

Description	Reference Number
SelectVac® Vacuum Machine 110V	25-853-01



Trimming Tools

Cordless Dremel

- Cordless, straight dental lab hand dremel comes complete with charger and battery
- Special chuck (included)
- Two speeds - 5,000 RPM/10,000 RPM
- 90-Day warranty against defective material or workmanship

Description	Reference Number
Dremel (100v only) with Battery	25-990-01
Extra Battery	25-990-02



Essix® Lab Knife

- For cutting windows in plastic appliances for minor tooth movement
- Also good for cutting the distal ends on Essix® appliances

Description	Reference Number
Essix Lab Knife	25-188-00
25 Refill Blades	25-188-99

Basic Trimming Bur

- Help eliminate frayed edges
- Trim plastic appliances easily and effectively
- For straight handpiece only
- Max speed for all burs is 10,000 RPM
- Head size: 5.5mm wide x 13.2mm long

Description	Reference Number
Basic Trimming Bur	25-189-01



Window Bur

- Creates the “window” or space for the tooth to move into for minor tooth movement
- Head size, 0.74mm wide x 5.2mm long
- For slow-speed, straight handpiece only

Description	Reference Number
Window Bur	25-189-25



Mayo Scissors and Crown & Bridge Scissors

- Trim plastic appliances efficiently
- 5½” Mayo scissors are ideal for cutting the labial outline on plastic appliances within minimal jagged edges
- 3¼” Crown & Bridge Scissors are designed for precise trimming, especially for the lingual on full-arch appliances

Description	Reference Number
5½” Mayo Scissors	25-180-01
3¼” Crown & Bridge Scissors	25-180-02



Mayo

Crown & Bridge

Trimming Tools

Border Polishers

- Smooth edges of appliances
- Use with a slow speed handpiece or the Cordless Dremel - max speed 10,000 RPM
- Available in three grits - Coarse, Medium and Fine

Description	Reference Number
Set of 3 (1 of Each)	25-189-70
Coarse (Green)	25-189-73
Medium (Black)	25-189-72
Fine (Yellow)	25-189-71



Polishing Brushes

- Ideal for polishing edges
- Made with Scotch-Brite® material
- Pre-mounted on a mandrel
- Specifically designed for use with Cordless Dremel - max speed 13,000 RPM
- Available in Coarse, Medium, and Fine textures
- Packs of 12

Description	Reference Number
Set (4 of Each Grit)	25-189-80
Coarse (Yellow)	25-189-81
Medium (Black)	25-189-82
Fine (Burgundy)	25-189-83

Scotch-Brite is not a registered trademark of Dentsply Sirona

Trim Thick Materials

- 8” Universal shears are excellent for trimming mouthguards and more rigid materials
- Made from heavy-duty stainless steel; serrated edges
- Easy-grip handles

Description	Reference Number
8” Universal Shears	25-180-05



Trimming Wheel

- High-quality, rigid one-piece tool to trim any plastic appliance
- Head size of 10mm and thickness of 0.6mm
- Do not use over 13,000 RPM

Description	Reference Number
Wheel Saw	25-183-20

Appliance Materials

Procryl Orthodontic Resins

Procryl orthodontic resins are formulated to provide an easy, yet efficient, means of constructing orthodontic removable or fixed appliances. Designed to be easy to use with their self-curing powder/liquid component, these unique resins are excellent for labs as well as “in-house” applications and procedures. Procryl orthodontic acrylic utilizing the formulation of a fine grain polymer - the key to clear, thin, and ultra-strong acrylic appliances. Combine this with our extensive range of colors and you can see that GAC has provided for the strength and durability that an appliance needs, with the individuality of expression that each patient wants.

Procryl Orthodontic Acrylic

Procryl orthodontic resins are formulated to provide an easy, yet efficient, means of constructing orthodontic removable or fixed appliances. Designed to be easy to use with their self-curing powder/liquid components, these unique resins are excellent for labs as well as “in-house” applications and procedures.

Why Procryl?

Procryl has quickly become the acrylic of choice among orthodontists, laboratories because of its quality and consistency.

- Double ground powder ensures that the liquid is absorbed thoroughly
- Stable – will not slump; ideal for build-ups
- Versatile – can be used in a variety of applications

The two major processing techniques employed in labs today are the Salt and Pepper Technique and the Doughing Technique. Procryl has been formulated so that a technician can employ either method and be guaranteed the same quality results.

Procryl Powder Clear

Description	Reference Number
Procryl 1 pound container	97-310-00
Procryl 5 pound container	97-310-01
Procryl 25 pound container	97-310-02

Procryl Liquid

Description	Reference Number
Clear Pink 8oz	97-310-21
Clear 1qt	97-310-22
Clear Pink 1qt	97-310-23

Salt and Pepper (Spray On) Technique

This method is more popular of the two techniques, because it can be adapted to the construction of any appliance. Powder is applied first to the model followed by the liquid monomer and so on. The curing takes place on the model. Curing is the reaction between the polymer and the monomer; the end result being the finished appliance.

Doughing Technique

This method is used for the construction of more complex appliances such as Frankles and Activators. Mixing the monomer and polymer in a silicone bowl until it has the consistency of bread dough, you can mold it directly on the model like modeling clay. Due to the characteristics of a long working time and the absorbability of the powder, Procryl makes the ideal choice for both techniques.



Separating Liquid

- Ensures non-adhesion of stone to plastic

Description	Reference Number
3.5oz bottle	25-201-35



Silver Solder & Flux

- The GAC Silver Solder has the highest silver content for a better flow, a stronger hold, and greater biocompatibility
- Cadmium free

Description	Reference Number
Flux, baseline form, 30g	97-150-00
Silver Solder, straight, 1mm diam., 10g	97-150-88
Silver Solder, 40mm, 6.5 DWT	97-150-99

Straight Lengths

- Round lab wire
- 14” lengths, 20 per pack

Size	Nubryte Gold	Nubryte
.025”	03-025-68	
.028”	03-028-68	03-028-58
.030”	03-030-68	03-030-58
.032”	03-032-68	03-032-58
.036”	03-036-68	03-036-58
.040”	03-040-68	03-040-58
.045”	03-045-68	



Resolve Beta Titanium Archwire

- Resolve wire is available in 14” straight lengths
- 10 per pack
- Ideal for Pendex appliances

Size	Reference Number
.032”	03-032-97
.036”	03-036-97

Coballoy Wire

- Coballoy is a cobalt chromium alloy wire that is remarkably tough, yet it is more malleable than stainless steel.
- Can be heat treated for greater resiliency, or used without heat treatment.
- Can be welded or soldered and is ideal for wires that require complex bending.
- Available in blue heat sensitivity in packs of ten, 14” lengths or coils.

Size	Type	Reference Number
.032”	Straight length	03-032-04
.036”	Straight length	03-036-04

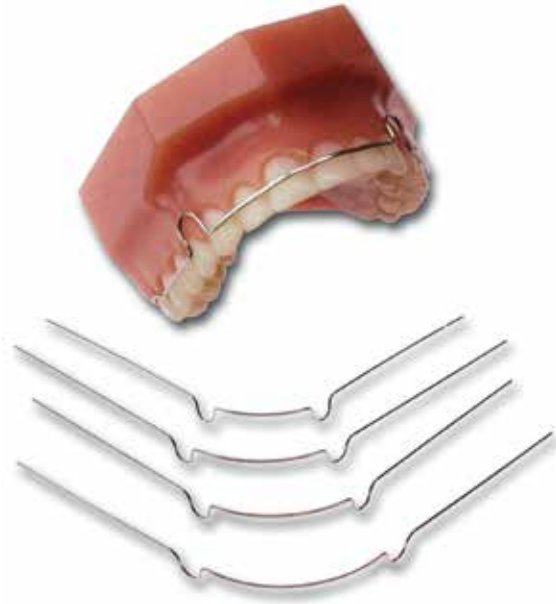


Ball Clasps

Our unique ball clasps are laser constructed to greatly reduce the breakage that has been associated with “soldered” clasps. The specially designed ball tip will not cause occlusal interference. We offer an ideally shaped ball on a “one piece” clasp.

One Piece	Reference Number
0.7 x 38mm	47-507-07
0.8 x 38mm	47-507-08
0.9 x 38mm	47-507-09
1.0 x 38mm	47-507-10

Double Ended (Each)	Reference Number
1.25mm	47-122-00
1.50mm	47-152-00
1.75mm	47-152-01



Labial Bows

Labial bows are made from .031” wire and are designed with palatal extension for permanent embedding in an acrylic base. They make it a snap to size and create acrylic -based retainers. Available standard or with flat anterior arch.

Size	Standard	Flat Anterior Arch
28mm		47-156-28
31mm		47-156-31
35mm	47-056-35	47-156-35
38mm	47-056-38	47-156-38
41mm	47-056-41	47-156-41
44mm	47-056-44	47-156-44
47mm	47-056-47	47-156-47
50mm		47-156-50
51mm	47-056-51	
54mm	47-056-54	
57mm	47-056-57	
60mm	47-056-60	
63mm	47-056-63	

Quad Helix

Designed for maxillary expansion without screws. We precisely form the .036” springwire loops and the doubleback so that it is compatible for a sure fit without exclusive Cetlin sheaths.

Size	Reference Number
0	03-800-10
1	03-800-11
2	03-800-12
3	03-800-13



Lab Wire

Microetcher II

Dramatically enhance bracket bonding and reduce bond failure with the Microetcher II. Microetching makes the bracket base rough and irregular, thereby increasing mechanical retention. Microetcher II is finer button controlled and provides a precise abrasive stream. A micro-sandblasting handpiece, 9” air line, and autoclavable 60° nozzle are standard.

Description	Reference Number
Microetcher II	97-222-22
Microetch Quick Disconnect Kit	97-222-27
Microetch Lab Quick High Pressure Disconnect Kit	97-222-28



Aluminum Oxide

Our abrasive removes cements, resins, and composites without erosion of enamel. Designed for use with the Microetcher II. 90 micron, 1lb container.

Description	Reference Number
Aluminum Oxide, 90 micron, 1lb container	97-222-29
Aluminum Oxide, 50 micron, 1lb container	97-222-30



Description	Reference Number
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Heavy-Duty Cutter (“The Big John”)

Super tough cutting edges will not nick. Ideal for heavy-duty facebow cutting. Hard chrome finish will lock in closed position. Will cut hard wire up to .080 with ease.

CAUTION: Maximum cutting capacity: Hard round wire up to .080.

ODG315



Snap Fit Molar Bands

- Improved morphology, greater elasticity and memory
- Graduated, proportional sizes (maxillary and mandibular; left and right)
- Plain or pre-welded assemblies with Micro-MIM buccal tubes
- Available individually or in kits
- Permanent ID with patented Electro Chemical Etch process
- Interiors acid-etched to increase bond strength

Upper First Molar (Plain) Kits	Reference Number
<i>Starter:</i> 50 Assorted Bands, 13 Sizes	KIT26-050-16
<i>Intro:</i> 100 Assorted Bands, 32 Sizes	KIT26-100-16
<i>Standard:</i> 200 Assorted Bands, 32 Sizes	KIT26-200-16
<i>Master:</i> 400 Assorted Bands, 32 Sizes	KIT26-400-16

Upper Second Molar (Plain) Kits	Reference Number
<i>Starter:</i> 50 Assorted Bands, 13 Sizes	KIT26-050-17
<i>Intro:</i> 100 Assorted Bands, 30 Sizes	KIT26-100-17
<i>Standard:</i> 200 Assorted Bands, 30 Sizes	KIT26-200-17
<i>Master:</i> 400 Assorted Bands, 30 Sizes	KIT26-400-17

Lower First Molar (Plain) Kits	Reference Number
<i>Starter:</i> 50 Assorted Bands, 13 Sizes	KIT26-050-26
<i>Intro:</i> 100 Assorted Bands, 32 Sizes	KIT26-100-26
<i>Standard:</i> 200 Assorted Bands, 32 Sizes	KIT26-200-26
<i>Master:</i> 400 Assorted Bands, 32 Sizes	KIT26-400-26

Lower Second Molar (Plain) Kits	Reference Number
<i>Starter:</i> 50 Assorted Bands, 13 Sizes	KIT26-050-27
<i>Intro:</i> 100 Assorted Bands, 30 Sizes	KIT26-100-27
<i>Standard:</i> 200 Assorted Bands, 30 Sizes	KIT26-200-27
<i>Master:</i> 400 Assorted Bands, 30 Sizes	KIT26-400-27

Snap-Fit First Molar Distribution Kit - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32
Starter											1	2	2	2	2	2	2	2	2	2	2	2	2									
Intro	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
Standard	1	1	1	1	2	2	2	3	4	4	4	5	5	6	6	6	6	6	6	5	5	4	3	2	2	2	1	1	1	1	1	1
Master	1	1	1	2	2	2	4	4	6	6	8	10	10	12	14	16	16	16	14	12	10	8	6	4	4	2	2	2	2	1	1	1

Snap-Fit Second Molar Distribution Kit - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32
Starter											1	2	2	2	2	2	2	2	2	2	2	2	2									
Intro	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	
Standard	1	1	1	2	2	2	2	3	4	4	4	5	5	6	6	6	6	6	6	5	5	4	3	2	2	2	2	1	1	1	1	
Master	1	1	1	2	2	2	4	4	6	6	8	10	10	12	14	16	16	16	16	12	10	8	6	4	4	2	2	2	2	1	1	



Snap-Fit Bicuspid Bands

- Superior fit, morphology and snap-fit design ensure easier seating
- Carefully proportioned in height and circumference for both upper and lower
- Sizes 1-32 for upper bicuspid; sizes 1-25 for lower 1st bicuspid; sizes 1-27 for lower 2nd bicuspid
- Available individually or in kits; plain or with pre-welded assemblies
- Permanent ID with patented Electro Chemical Etch process
- Interiors acid-etched to increase bond strength

Upper Bicuspid (Plain) Kits

Reference Number

<i>Starter:</i> 50 Assorted Bands, 22 Sizes	KIT15-050-11
<i>Intro:</i> 100 Assorted Bands, 32 Sizes	KIT15-100-11
<i>Standard:</i> 200 Assorted Bands, 32 Sizes	KIT15-200-11
<i>Master:</i> 400 Assorted Bands, 32 Sizes	KIT15-400-11



Lower First Bicuspid (Plain) Kits

Reference Number

<i>Starter:</i> 50 Assorted Bands, 13 Sizes	KIT15-050-21
<i>Intro:</i> 100 Assorted Bands, 25 Sizes	KIT15-100-21
<i>Standard:</i> 200 Assorted Bands, 25 Sizes	KIT15-200-21
<i>Master:</i> 400 Assorted Bands, 25 Sizes	KIT15-400-21

Lower Second Bicuspid (Plain) Kits

Reference Number

<i>Starter:</i> 50 Assorted Bands, 27 Sizes	KIT15-050-22
<i>Intro:</i> 100 Assorted Bands, 27 Sizes	KIT15-100-22
<i>Standard:</i> 200 Assorted Bands, 27 Sizes	KIT15-200-22
<i>Master:</i> 400 Assorted Bands, 27 Sizes	KIT15-400-22

Snap-Fit First Molar Kit Distribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32
Starter											1	2	2	2	2	2	2	2	2	2	2	2	2									
Intro	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
Standard	1	1	1	1	2	2	2	3	4	4	4	5	5	6	6	6	6	6	5	5	4	3	2	2	2	1	1	1	1	1	1	1
Master	1	1	1	2	2	2	4	4	6	6	8	10	10	12	14	16	16	16	14	12	10	8	6	4	4	2	2	2	2	1	1	1

Snap-Fit First Molar Kit Distribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25
Starter			2	4	4	4	4	4	4	4	4	4	4	4	4										
Intro	2	2	2	2	2	2	4	4	4	4	4	6	6	8	8	8	8	4	4	4	4	2	2	2	2
Standard	2	2	2	2	4	4	8	8	8	10	12	12	18	18	18	18	10	8	8	8	4	4	2	2	2
Master	4	4	4	6	6	8	8	14	14	18	18	24	24	36	36	36	36	24	24	16	16	8	8	4	4

Snap-Fit Second Molar Kit Distribution - Distribution by Quadrant: (UR, UL, LR, LL)

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	25	26	27	28	29	30	31	32
Starter						1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
Intro						2	2	2	2	2	2	2	4	4	4	6	6	8	8	8	6	6	4	4	4	2	2	2	2	2		
Standard						2	2	2	4	4	6	6	6	8	10	12	14	16	16	16	14	12	10	8	6	6	6	4	4	2	2	2
Master						2	4	4	6	8	10	12	12	16	20	26	28	34	34	34	28	26	20	16	14	12	10	8	6	4	4	2

Snap-Fit Anterior Bands

- Precision-made to anatomical contours
- 70 sizes for upper and lower; 12 maxillary lateral, 16 maxillary central, 14 mandibular
- Made from seamless, stainless steel and polished to a smooth finish
- Permanent ID with patented Electro Chemical Etch process
- Interiors acid-etched to increase bond strength

Anterior (Plain) Kits

Reference Number

<i>Standard:</i> 200 Assorted Bands	KIT14-200-00
<i>Lower Intro:</i> 100 Assorted Bands	KIT14-100-21



GAC Supplies



SECTION CONTENTS

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There are many choices when it comes to purchasing your orthodontic supplies. GAC makes that choice simple, with an extensive selection to meet every need your practice may have. You'll find accessories to manage and organize your bracket inventory, a wide array of bonding accessories, burs, patient care and safety items. Our goal is to help your office stay efficient by providing a complete line of quality products and supplies all from one source.

Interproximal Reduction

SpaceFile®

- Swiss-made, diamond-impregnated files
- Uses include breaking contact, reduction, contouring, fine trimming and finishing
- Designed to allow low temperature operation and prevent clogging
- Double-sided or single-sided
- Files, grip and inner tray are autoclavable
- Color coded to match Endodontic file system
- Can be used three ways: Hand Held; With removable grip; In optional air-driven handpiece



DIAMOND-IMPREGNATED	DOUBLE-SIDED	SINGLE-SIDED LEFT	SINGLE-SIDED RIGHT
Assorted Packs	04-500-10	04-500-10L	04-500-10R
Assorted Pack includes (1) Removable Grip, 8 Files (one of each thickness) and 1 Serrated Contact Point Saw			
Single Type Packs			
Polishing A final step in tooth surface restoration.	 04-500-60 0.085mm	04-500-60L 0.070mm	04-500-60R 0.070mm
Finishing For finishing prior to final polish.	 04-500-30 0.110mm	04-500-30L 0.100mm	04-500-30R 0.100mm
XX Fine Pre-polish and finish reduced areas. Also use as initial strip for excessive crowding.	 04-500-15 0.140mm	04-500-15L 0.123mm	04-500-15R 0.123mm
X Fine Pre-polish stripped areas. Also use as initial strip for crowded cases.	 04-500-25 0.160mm	04-500-25L 0.138mm	04-500-25R 0.138mm
Fine Use to initiate reduction in crowded cases. Also use to contour after reduction.	 04-500-40 0.270mm	04-500-40L 0.180mm	04-500-40R 0.180mm
Medium Use for reduction with some crowding or when some space exists. Smaller grain can achieve results before using Coarse strip.	 04-500-150 0.330mm	04-500-150L 0.210mm	04-500-150R 0.210mm
Coarse Primary working strip for IPR. Also use to trim and contour.	 04-500-90 0.370mm	04-500-90L 0.235mm	04-500-90R 0.235mm
X Coarse Use for maximum reduction at start of IPR.	 04-500-120 0.490mm	04-500-120L 0.290mm	04-500-120R 0.290mm
Serrated Contact Point Saw Use to break contact points on enamel, composite, amalgam, porcelain or gold.	 04-500-22	—	—
Single-Thickness Packs include Removable Grip and 8 Files			
Removable Grip When used with strip, provides better hand-held control, resulting in a more precise reduction.		04-500-04 3-Pack	



SpaceFile®
Contra-Angle
Handpiece

Contra-Angle
Handpiece
#04-500-01

Air Motor
#04-500-02

Colors are for illustration purposes only. Actual color of product may vary.

Interproximal Reduction

ARS Space Measuring Gauge

Used during Interproximal Reduction (IPR) to measure and confirm space.

- Markings at 3mm, 5mm, and 7mm along tip of instrument
- Doubles as periodontal pocket measuring instrument
- Excellent for tucking ligature wires
- Autoclavable

Patent #5,044,951

Description	Reference Number
ARS Space Measuring Gauge	25-500-02



Flexview Interproximal Strips

Use for optimal visibility during interproximal stripping.

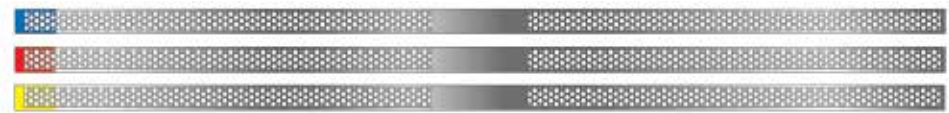
- Gateway area allows easy access for IPR stripping and finishing
- Single-sided
- Autoclavable in aluminum tube
- Pack of 10



	23-533-01	25-533-02	25-533-03	25-533-04
Type of Strip	Narrow	Narrow	Narrow	Narrow
Grit	Medium (45 micron)	Fine (30 micron)	Extra-Fine (15 micron)	5 of each grit
Thickness	0.13mm	0.10mm	0.08mm	Assorted
Width	2.5mm	2.5mm	2.5mm	2.5mm
Length	147mm	147mm	147mm	147mm
Quantity	Pack of 10	Pack of 10	Pack of 10	Pack of 10

	23-533-11	25-533-12	25-533-13	25-533-14
Type of Strip	Wide	Wide	Wide	Wide
Grit	Medium (45 micron)	Fine (30 micron)	Extra-Fine (15 micron)	5 of each grit
Thickness	0.13mm	0.10mm	0.08mm	Assorted
Width	3.75mm	3.75mm	3.75mm	3.75mm
Length	147mm	147mm	147mm	147mm
Quantity	Pack of 10	Pack of 10	Pack of 10	Pack of 10

- Medium
- Fine
- Extra-Fine



Diamond Interproximal Strips - Unique Gateway for Easy Access to Contact Points

These stainless steel strips with electronically bonded diamonds are used for interproximal stripping.

- Gateway area allows easy access to contact points
- Autoclavable in aluminum tube
- Pack of 10

	23-530-01	25-530-02	25-530-03
Type of Strip	Narrow	Narrow	Narrow
Grit	Medium (45 micron)	Medium (45 micron)	Fine (30 micron)
Sided	Single	Double	Single
Thickness	0.13mm	0.21mm	0.10mm
Width	2.5mm	2.5mm	2.5mm
Length	147mm	147mm	147mm
Quantity	Pack of 10	Pack of 10	Pack of 10

	23-531-01	25-531-02	25-531-03
Type of Strip	Wide	Wide	Wide
Grit	Medium (45 micron)	Medium (45 micron)	Fine (30 micron)
Sided	Single	Double	Single
Thickness	0.13mm	0.21mm	0.10mm
Width	3.75mm	3.75mm	3.75mm
Length	147mm	147mm	147mm
Quantity	Pack of 10	Pack of 10	Pack of 10



Serrated Interproximal Strips

- Open-bonded proximal contact points
- Serrated strips are ultra thin
- Stainless steel
- Autoclavable in the aluminum tube

	25-534-00
Thickness	0.05mm
Width	6mm
Length	150mm
Quantity	Pack of 10



IPR Gauge Set

- Use to measure and confirm space
- Six stainless steel gauges: 0.1mm, 0.2mm, 0.25mm, 0.3mm, 0.4mm, and 0.5mm
- Autoclavable

Patent #6,413,086

Description	Reference Number
IPR Gauge Set	25-990-25

Interproximal Reduction

ARS Diamond Bur

- May be autoclaved, chemiclaved, or dry-heat sterilized
- Do not immerse in cold sterilization solution

Description	25-848-10	25-848-20
Grit	Medium	Fine
		Xhead



Posterior ARS Carbide Fissure Stripping Bur

- Used for rapid enamel reduction in posterior; open field is required – use separators first unless teeth are parallel
- Cross-cut carbide fissure bur, safe - or standard-tipped available
- May be autoclaved, chemiclaved, or dry-heat sterilized - do not immerse in cold-sterilization solution
- Friction grip; sold individually

Anterior ARS Diamond Burs

- No need to place a separator prior to using if teeth are parallel
- May be autoclaved or dry-heat sterilized – do not immerse in cold-sterilization solution
- Friction grit; Sold individually

Tip Type	25-699-99	25-550-00
Head Size	0.9mm	1.6mm
Head Length	5.2mm	5mm



Safe - Standard-Tipped Finishing Burs

- Diamond coated, which helps produce a natural finish
- Various particle sizes, safe- and standard- Tipped
- May be autoclaved, chemiclaved, or dry-heat sterilized – do not immerse in cold-sterilization solution
- Sold individually

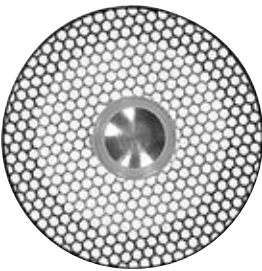
	25-540-55	25-530-55	25-520-55	25-848-10	25-514-20	25-848-20
Particle Size	Medium	Fine	Extra-Fine	Medium	Fine	Fine
Tip Type	Safe	Safe	Safe	Standard	Standard	Standard
Grip	Friction	Friction	Friction	Friction	Friction	Friction
Head Size	1.4mm	1.2mm	1.2mm	1.2mm	0.9mm	1.4mm
Head Length	10mm	8mm	10mm	10mm	3mm	10mm



Flexview™ Mesh Discs

- For interproximal stripping and ultra-fine contouring/shaping
- Not for breaking contact

	25-532-10
Size	22mm
Coverage (B)	3mm
Thickness (L)	0.18mm



Diamond Discs

- Use for separating and contouring; cutting edge
- Straight handpiece only

	25-911-18	25-911-19	25-911-20
Size	18mm	18mm	18mm
Sided	Double	Single (Safe Side Out)	Single (Safe Side In)
Coverage (B)	3mm	3mm	3mm
Thickness (L)	0.2mm	0.1mm	0.1mm



Disc Guard & Adapter

- Visual access window for safety
- For use with a straight handpiece adapter
- Allows discs to attach to a Doriot style straight handpiece

Description	Reference Number
Large Disk Guard - 22mm	25-532-02
Adapter for Straight Handpiece	25-532-03



Aluminum Tube

- Sterilize interproximal strips
- Capable of sterilizing 15 interproximal strips at a time
- Aluminum tube fits easily into your autoclave



Description	Reference Number
Aluminum Tube	25-535-00

Bracket Accessories

Bracket Management System

Designed to hold, organize, and store In-Ovation® Bracket Boxes, ergonomically designed system greatly facilitates bracket organization, bracket loading, and inventory management.

System Benefits:

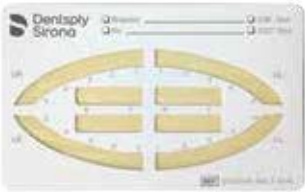
- Assistant friendly to reduce bracket set-up time
- Saves valuable inventory management time
- Easy-to-read labeling
- Reduces cross-contamination concerns often associated with other delivery systems
- High-grade material will stand up to most commonly used disinfectants and cleansers

Bracket Tray Holder

- Manufactured from strong acrylic
- Holds up to 10 individual or disposable bracket trays
- Keeps set-ups away from contaminants and light
- Excellent for carrying bracket cases to satellite offices



Description	Reference Number
Bracket Tray Holder	20-010-16
Tray	20-300-01



Bracket Placement Cards

- Individual bracket trays with adhesive backing for temporary storage and set-up
- Deep wells prevent bracket spillage
- Space is provided for the patient's name, for easy identification

Description	Reference Number
Bracket Placement Card, Blue	20-050-99
Bracket Placement Card, Cardboard	20-050-00
Credit Card Presentation	20-010-10

Consultation & Educational Models

GAC OrthoLab will fabricate any custom appliance to your prescription on any appropriate two-tone model for patient consultations. Models are provided at a 50% discount when ordered with an appliance. We also offer a wide array of consultation models.



Ideal Occlusion
44-502-02



Class I Anterior Open Bite
Narrow Arches
44-502-21



Class II Diversion I
Overbite Overjet Midline
44-502-23



Class II Diversion II
Permanent Dentition
44-502-26



Class I Executive
Overbite Overjet
44-502-22



Class II Open Bite
Narrow Arches
44-502-24



Class III Mixed Dentition
44-502-27

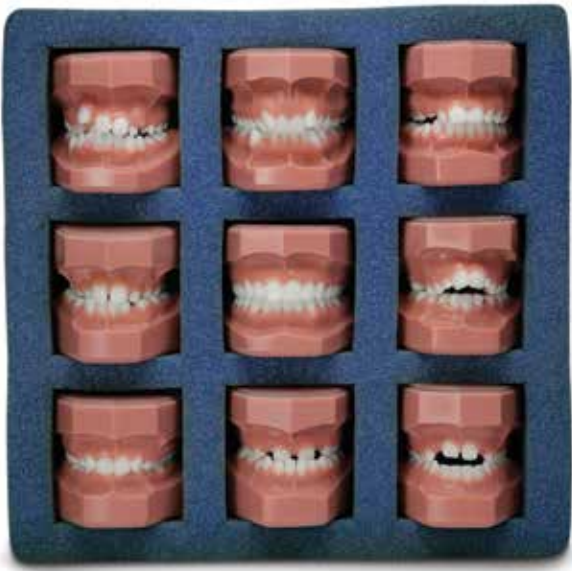


Cross Bite
Mixed Dentition
44-502-28

Hinged Models



Ideal Occlusion
44-502-03



Master Series

A complete set of standard models are available in a Master Series set for ordering. Reference Number: 44-502-35

Consultation & Educational Models

Consultation Models

- A complete line of orthodontic models for case presentations
- Allow for realistic examples of orthodontic appliance treatments

Description	Reference Number
Balance Consultation Model	TYP31-777-77
Cetlin Consultation Model	TYP72-777-99
Elation MB Consultation Model	TYP133-777-77
In-Ovation C Consultation Model	TYP100-777-77
In-Ovation C/In-Ovation R Consultation Model	TYP100-777-89
In-Ovation C Maxillary Model with Stand	TYP100-777-00
In-Ovation L Consultation Model	TYP90-777-77
In-Ovation R Consultation Model	TYP89-777-77
In-Ovation R Maxillary Size Model with Stand	TYP89-777-89
In-Ovation X Consultation Model	TYP289-777-77
No•Trace Consultation Model	TYP90-777-90
MicroArch PLUS Consultation Model	TYPJ72-777-77
MicroArch Consultation Model	TYP72-777-77
Mini Ovation Consultation Model	TYP85-777-77
OmniArch PLUS Consultation Model	TYPJ77-777-77
OmniArch Consultation Model	TYP77-777-77
OmniArch VS Consultation Model	TYP77-777-88
Ovation Consultation Model	TYP82-777-77
Ovation C Consultation Model	TYP310-777-777



Bonding & Adhesive Accessories



Prophy Angles and Paste

- Disposable angles are ideal for removing stains from occlusal pits and fissures and for preparing tooth surfaces prior to sealant and orthodontic applications
- Individual prophy paste cups for a germ-free environment

Description	Reference Number
Prophy Angles, Disposable (Pack of 144)	97-300-50

Absorb-Its™

- More effective for clinicians maintaining a dry field and more comfortable for the patient
- This material is softer for greater patient comfort, and will not stick to the lining of the mouth
- Made from the same super-absorbent material used to make baby diapers
- Flat design fits easily into tight places
- Can be doubled-up for greater absorbency
- Available in boxes of 800



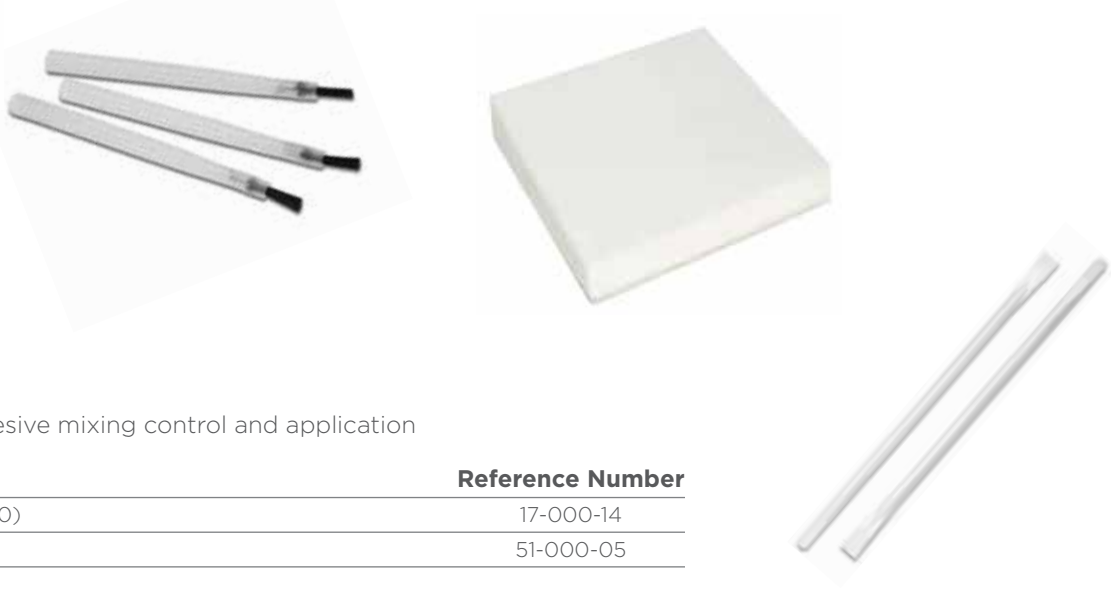
Description	Reference Number
Absorb-Its™	97-111-12



Mixing Tools

- Intended for adhesives and cements which require preparation
- Ease of use and convenient package quantities

Description	Reference Number
Mixing Pads - 3" x 3" (Pack of 10)	52-650-00
Mixing Pads - 3" x 3" (1 per pack)	51-000-07
Mixing Brushes - To apply sealants, etchants, or primers (Pack of 50)	52-640-00
Mini sponge applicator - Wide bristles, thick handle (Pack of 200)	52-666-66



Ideal® Mini Mixing Sticks

Small design for easy adhesive mixing control and application

Description	Reference Number
Mini Mixing Sticks (Pack of 100)	17-000-14
Mini Mixing Sticks	51-000-05

Bonding & Adhesive Accessories



Micro Brushes Etch/Seal

- To apply sealants, etchants, or primers; sponge-like tip
- Colors allow designation of tasks for prevention of cross-contamination
- Packs of 100

Description	Reference Number
Purple	17-000-23
Green	17-000-24
Blue	17-000-25
Peach	17-000-26

Bite-Ramps

- Works in open bite cases by allowing the anteriors to ride up and out of occlusion
- Swept design mimics the natural shape of the tooth - aids in the gentle redirection of anteriors
- High-strength resin construction reduces trauma on enamel and increases patient's comfort

Description	Reference Number
Bite-Ramps (Pack of 10)	97-980-00



Retract EEZ

- A clear, polycarbonate retractor that can be cold or heat sterilized
- Angled end helps retract lips and is comfortable for the patient
- Patient retracts lips with one hand and holds the mirror in the other, allowing the assistant to have both hands free to properly take photographs
- One size fits all

Description	Reference Number
Retract EEZ	97-999-10



Disposable Cheek Expanders

Flexible plastic cheek expanders allow access to the whole mouth by holding it open and depressing the tongue.

- Use during bonding, banding, and whitening procedures.
- Available in three color-coded sizes to fit most patients
- Disposable; single use only
- Sold as pack of 10
- Made in the USA



Description	Reference Number
Small - Green	54-444-01
Medium - Blue	54-444-02
Large - Red	54-444-03



Open Wider Cheek Retractors

Autoclavable plastic Open Wider Cheek Retractors are available in regular size, hard plastic and in regular and mini soft plastic.

Description	Reference Number
Regular, Hard - Clear	47-704-04
Regular, Soft - Light Blue	47-704-05
Mini, Soft - Light Blue	47-704-06

Barker Double-Ended Retractor

Take intra-oral photos without an assistant.

- Clear plastic
- Elongated ends allow increased access to anterior and posterior regions of the mouth
- Pedo size is 1.25" x 6" x 1.5"
- Large size is 1.75" x 6.5" x 2"
- Available in cold sterilizable and autoclavable
- variations
- Sold as one pair per pack
- Made in the USA



Description	Reference Number	Reference Number
Size	Cold Sterilizable	Autoclavable
Pedo Retractor	54-555-55	54-555-56
Large Retractor	54-222-02	54-222-01

Bonding & Adhesive Accessories

Bracket Height Gauges

The GAC height gauge has permanent markings for placement of brackets from 3.5mm to 5mm from the incisal edge. Gauges are available in either .018” or .022”, and they even hold brackets firmly for loading of cement. Heat-sterilizable plastic or cold-sterilizable aluminum.

Description	Reference Number	
	.018”	.022”
Aluminum - Cold Sterilization	97-999-11	97-999-21
Plastic - Heat Sterilization	97-999-12	97-999-22



Standard Tipped Heat Sterilizable Bitestick

Will withstand temperatures up to 370°F

Description	Reference Number
Contoured Point	17-777-44
Up Point	17-777-66
Down Point	17-777-77



Contoured Point



Up Point



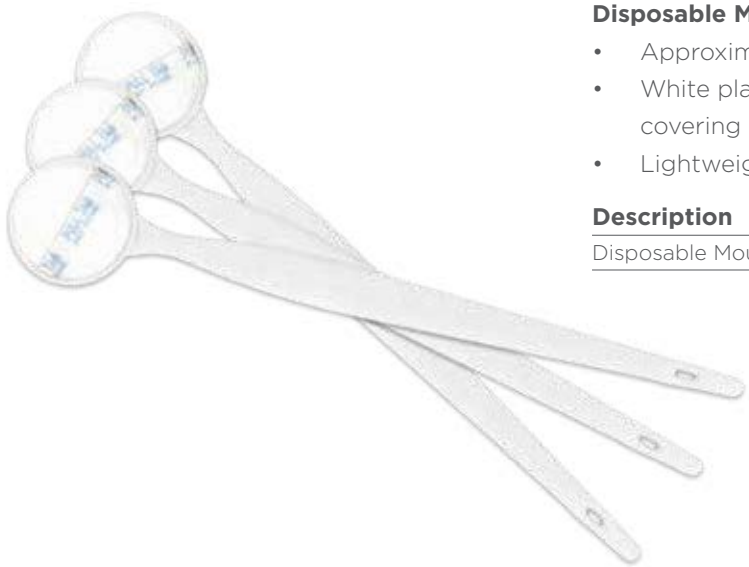
Down Point



Autoclavable Short-Tipped Bitesticks

- Will withstand temperatures up to 260°F
- Down point stainless steel tip only
- Available in four bright colors, for work station organization
- Sure-grip handle is easy to hold, even when wet
- Stainless steel tip is swirled to grip bands easily and efficiently

Description	Reference Number
Autoclavable Bitestick - Teal	17-777-11
Autoclavable Bitestick - Cobalt Blue	17-777-12
Autoclavable Bitestick - Light Green	17-777-13
Autoclavable Bitestick - Orange	17-777-14



Disposable Mouth Mirrors

- Approximately six inches in length with a one inch diameter mirror
- White plastic mouth mirrors come with a peel-off, protective covering over the mirror.
- Lightweight, disposable, and economical.

Description	Reference Number
Disposable Mouth Mirrors (Pack of 24)	17-333-33

Photographic Mirrors

- Photo mirrors are made from chromium – a hard, durable metallic element that can be autoclaved
- Available in adult size occlusal or in a kit of four mirrors: lingual, buccal, child occlusal, and adult occlusal

Description	Reference Number
Photo Mirrors, set of 4	97-300-59
Photo Mirrors, Adult Occlusal, set of 4	97-300-51



Burs & Accessories

Carbide Fissure

- Cross-cut carbide fissure bur, safe - or standard-tipped available
- May be autoclaved, chemiclaved, or dry-heat sterilized – do not immerse in cold-sterilization solution
- Friction grip sold separately.

	25-699-99
Tip Type	Standard
Head Size	.09mm
Head Length	5.22mm



Debonding & Polishing Burs

Spiral-Fluted Debonding	25-140-01	25-140-02	25-140-03
Tip Type	Parallel Chamfer	Parallel Chamfer	Parallel Chamfer
Blade/Grit	12/Standard	12/Standard	12/Standard
Grip	Friction	Friction	Friction
Head Size	1.6mm	1.2mm	1.4mm
Head Length	8mm	8mm	8mm
Max Speed	<300,000rpm	<300,000rpm	<300,000rpm



Fluted Carbide Diamond Bur	25-780-29
Blade/Grit	12/Standard
Grip	Friction
Head Size	1.8mm
Max Speed	<300,000rpm



Cordless Dremel

- Cordless, straight dental lab hand dremel comes complete with charger and battery
- Special chuck (included) needed for dental/orthodontic burs and other attachments
- Two speeds - 5,000 RPM/10,000 RPM
- 90-Day warranty against defective material or workmanship

Description	Reference Number
Dremel (100v only) with Battery	25-990-01
Extra Battery	25-990-02



Brace Relief Aids

Patient Relief Wax In Scented And Unscented

Relief Wax is ideal for fast, temporary relief of irritation caused by fixed brackets and dental appliances coming into contact with the soft tissue inside the mouth.

- Compact 1 ¾” l x 2 ⅛” w x ⅜” h case
- 5 wax strips per case
- Available in scented and unscented cases
- Made in the USA
- Sold in packs of 50
- Colors are for illustration purposes only. Actual color may vary.

Description	Reference Number
Tropical Sparkle Blue	17-222-33
Tropical Sparkle Green	17-222-31
Tropical Sparkle Orange	17-222-34
Tropical Sparkle Pink	17-222-32
White/Unscented	17-222-22
Red Cinnamon/Scented	17-222-23



Silicone Patient Boxes

Silicone keeps fixed brackets and dental appliances from coming into contact with the soft tissue inside the mouth, providing temporary relief from irritation.

- Silicone is transparent, waterproof and resistant to hot liquids
- 6 silicone strips per case
- Compact 1 ¾” long x 2 ⅛” wide x ⅜” high case
- Includes four assorted case colors: Sparkle Green, Sparkle Red, Sparkle Blue, and Sparkle Purple
- Made in the USA
- Sold in packs of 50

Description	Reference Number
1 pack	17-222-00
Bulk pack of 75 - 11” silicone strips	17-222-05

Therapy Wafer

Therapy wafers can help reduce the discomfort associated with wearing orthodontic braces. Chewing on a wafer may increase blood circulation around recently moved teeth by stimulating and massaging tissue.

- Clear, Scented Cherry
- Made in the USA
- Sold in packs of 25

Description	Reference Number
Therapy Wafers (Pack of 25)	17-111-11



Brace Relief Aids

Breathable Sports Mouthguards

- Innovative design provides upper and lower arch protection from braces while playing non contact sports
- Three breathing vents located at the front allow optimum airflow while playing sports
- Increased clearance for the tongue, which fits comfortably between the bite pads
- Available with or without a helmet strap
- Pack of 10

Description	Reference Number	
	Without Strap	With Strap
Clear	17-999-20	17-999-30
Black	17-999-21	17-999-31
Green	17-999-22	17-999-32
Silver	17-999-23	17-999-33
Yellow	17-999-24	17-999-34
Multi-Color Pack	17-999-25	17-999-35



Sports Mouthguard Straps

Attach these straps to custom sports mouthguards using the Microtorch.

- Clear
- Pack of 12

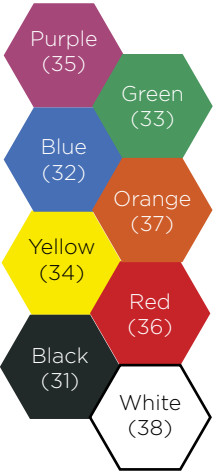
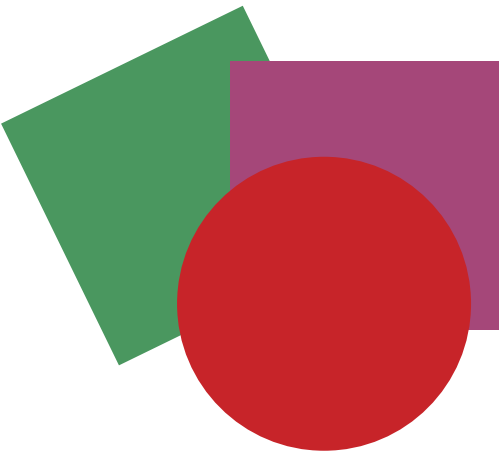
Description	Reference Number
Mouthguard Straps	25-200-40



Laminated Mouthguard Sheets

- Two layers laminated together equal higher tensile strength and uniform density
- 1/8” plastic insert protects incisal edges of teeth
- Non-latex
- 4mm thickness
- Box of 12 sheets

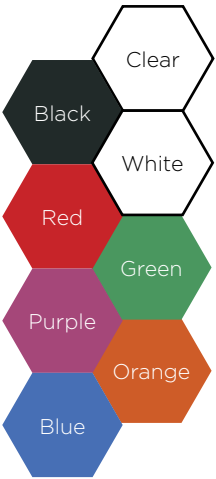
Description	Reference Number
Black	25-200-04
Blue	25-200-03
Green	25-200-07
Purple	25-200-09
Red	25-200-05
Clear	25-200-01
Black/Orange	25-200-14
Black/Red	25-200-12
Blue/White	25-200-11
Blue/Yellow	25-200-10
Red/White/Blue	25-200-16



Resin Mouthguard Sheets

- Resin Mouthguard materials are used for children and young adults participating in low-contact sports
- Variety of colors – coordinate with team colors!
- Box of 25 sheets

Reference Number	Reference Number	
	120”/3mm	5” Square
Clear	25-200-29	125mm Circle
Clear	25-200-30	25-190-23
Color	25-200-(Color#)	



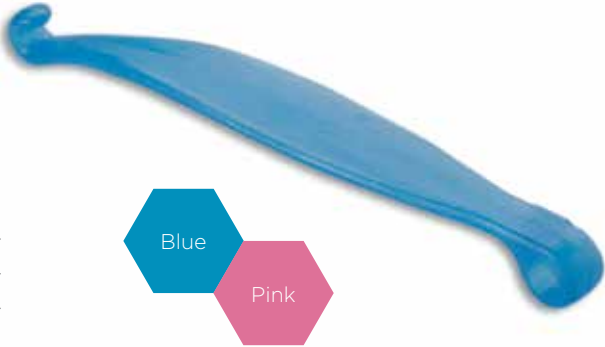
Brace Relief Aids

Retainer Retrievers

Help patients remove appliances cleanly and efficiently.

- Stores in appliance case
- Made in the USA
- Individual tamper-proof patient bags
- Sold in packs of 10

Description	Reference Number
Tropical Blue	97-000-00
Tropical Pink	97-000-01



Chewies™ Aligner Tray Series

Help patients seat aligners correctly. Chewies™ Aligner Tray Seaters are the same size as a standard dental cotton roll. Made of soft plastic, they're hygienic and easy to use.

- 1 ¾”long x 7/16”wide
- 2 seaters per individual tamper-proof patient bag
- Available in scented and unscented
- Made in the USA
- Sold in packs of 10

Description	Reference Number
Green/Mint	17-111-15
Pink/Bubble Gum	17-111-18
Purple/Grape	17-111-17
Yellow/Pineapple	17-111-19
White/Unscented	17-111-16

Aligner Patient Kit

The Aligner Patient Kit provides four key aligner products used during treatment, all in one handy kit. The products provided include the following:

- A package of two Chewies™ Aligner Tray Seaters - An essential product used to properly seat the tray after each appointment
- Two Retainer Retrievers - A great patient compliance aid that helps remove the tray from the arch quickly and efficiently
- One Econo Retainer Case - A durable retainer case that will fit almost any aligner appliance
- One Mini Retainer Case - A small case that's perfect for storing in a pocket or purse
- All four products are essential for most aligner treatments
- Two color variations are available to cater to different patient requests

Description	Reference Number
Aligner Patient Kit Boys (Sparkle Cases: 1 Black Econo and 1 Green Mini, 2 White Retainer Retrievers, and 2 Green Mint Aligner Tray Seaters)	97-950-56
Aligner Patient Kits Girls (Tropical Cases: 1 Pink Econo and 1 Blue Mini, 2 Green Retainer Retrievers, and 2 Green Mint Aligner Tray Seaters)	97-950-55



Oral Hygiene



Retainer Brite® Cleaning Tablets

Abrasive toothpastes can dull and discolor clear aligners and retainers! Retainer Brite® Cleaning Tablets are specially-formulated to help protect removable appliances by preserving clarity and cleanliness. It's easy to supply your patients:

- Stock boxes to sell or give to patients.
- Include a Patient Pak with each new appliance.
- Kills 99% of 7 common odor-causing bacteria*
- Cleans and brightens removable dental appliances**
- Helps remove plaque & tartar
- Certified kosher
- Each patient pak has 2 tablets and reorder form

Description	Reference Number	Canada Code
Retainer Brite® Cleaning Tablets, 1 month, 36 Tablet Boxes	97-100-00	RB-36-CAN
Retainer Brite® Cleaning Tablets, Patient Pak (includes 2 tablets)	97-100-01	97-100-01
Retainer Brite® Cleaning Tablets, 1 Month, 36 Tablet Boxes (24 Boxes)	97-100-02	RB-36-CASE-CAN
Retainer Brite® Cleaning Tablets, Pack of 100	97-100-03	97-100-03

*Kills 99% of seven common odor-causing bacteria including: Staph aureus, E. coli, P. aeruginosa, S. epidermidis and E. hirae. Data on file. Independent 2009 U.S. lab testing (ASTM method E1153).

**DO NOT allow wire appliances to soak for more than 15 minutes. Remove promptly and rinse thoroughly with water.



Interproximal Brushes

- Ideal for orthodontic patients
- Easy to use - small bristles easily clear around ortho appliances
- Individually packed for patient give-away
- Box of 100

Description	Reference Number
Interproximal Brushes (100)	52-610-10

Ortho ER™

The Ortho ER emergency repair kit is designed to assist orthodontic patients in making repairs to their appliances, therefore avoiding unnecessary and disruptive office visits and after hours calls.

The zippered ER case contains:

- Mouth and easel mirrors
- Travel toothbrush
- Wax
- Soft Stick Wire Mender
- Color instructions

Ortho ER is compact, easy to store, and inexpensive; and it is available in two, bright, translucent colors.



Proxi-Floss

Proxi-Floss is an interproximal floss that will not snag, shread, or fray, and it is safe and easy for orthodontic patients to use. Available in bulk packs of 250 or a box of ten, 30-piece packets.

Description	Reference Number
Proxi-Floss, bulk pack of 250	25-793-00
Box of 10 packs, 30 pieces per pack	25-793-30



Description	Reference Number
Blue	97-950-61
Green	97-950-62

Retainers & Appliance Cases

Round Retainer Cases

- Unique round design is big enough to hold most retainers, but small enough to fit into a pocket or purse
- Superior locking mechanism that will stand up to heavy use

Description	Reference Number	
	1" - 10 Cases	1" - 300 Cases
Light Blue	12-000-01	
Navy Blue	12-000-02	KIT12-000-02
Green	12-000-03	KIT12-000-03
Hot Pink	12-000-04	KIT12-000-04
Red	12-000-05	KIT12-000-05
Black	12-000-06	KIT12-000-06



Sparkle Retainer Cases

- Sleek 1.2" x 3.4" modern design is big enough to hold most retainers, but small enough to fit into a pocket or purse
- Superior locking mechanism that will stand up to heavy use
- Available in packs of 10 cases

Description	Reference Number	
	10 Cases	300 Cases
Sparkle Blue	12-100-02	12-330-02
Sparkle Green	12-100-03	12-330-03
Sparkle Red	12-100-05	12-330-05
Sparkle Black	12-100-06	12-330-06
Sparkle Purple	12-100-07	12-330-07
Sparkle Gold	12-100-08	
Sparkle Glow	12-100-09	12-330-09
Sparkle Plum	12-100-10	
Sparkle Cool Mint/Aqua	12-100-11	12-330-11
Tropical Sparkle Blue	12-100-12	
Tropical Sparkle Green	12-100-13	
Tropical Sparkle Orange	12-100-14	
Tropical Sparkle Pink	12-100-15	
Glow Orange	12-100-21	
Glow Pink	12-100-22	
Glow Green	12-100-23	

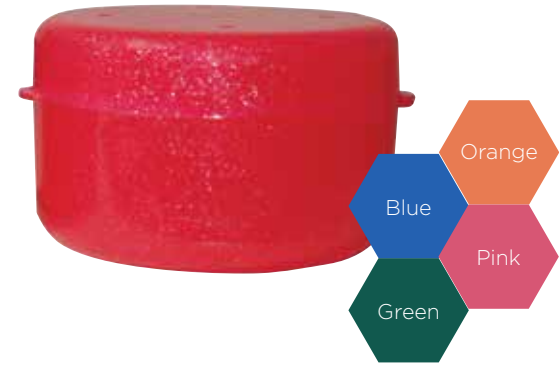


Bionator Cases

- Extra deep - 1.5" deep x 3" wide by 2.5" long
- Strong hinge and secure lock protects appliances sufficiently
- Available in packs of 10 cases

Description	Reference Number
Sparkle Black Case	12-200-04

Bionator is not a trademark of DENTSPLY GAC



Lab Appliance Containers

- 2" deep sizes
- The top of each case is vented, reducing unpleasant odors
- Available in packs of 6 cases

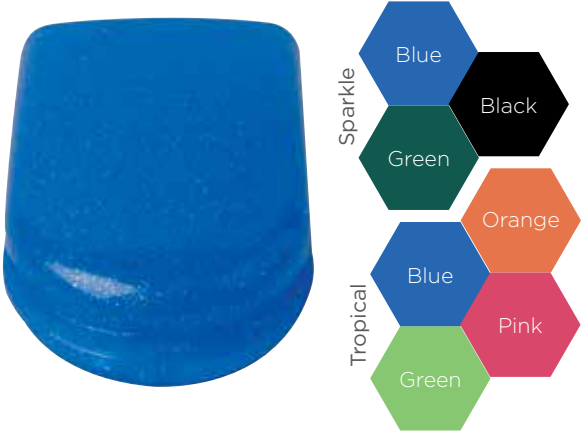
Description	Reference Number
Navy Blue	12-200-02
Sparkle Green	12-200-05
Sparkle Orange	12-200-06
Sparkle Pink	12-200-07



Mini Retainer Cases

- Designed with sleek 1" high, 2" wide, and 3.375" long rounded edges for ultimate carrying comfort
- Great for aligners and thermoformed retainers
- Comes in cases of 25

Description	Reference Number
Sparkle Blue	12-400-02
Sparkle Green	12-400-03
Sparkle Black	12-400-06
Tropical Sparkle Blue	12-400-12
Tropical Sparkle Green	12-400-13
Tropical Sparkle Orange	12-400-14
Tropical Sparkle Pink	12-400-15



Economy Retainer Case

- 1" pack of 300

Description	Reference Number
Blue	12-555-55
Retainer Case Labels (100)	12-000-00



Film & X-Ray Accessories

Orthomat™ X-Ray Film

You have to have X-ray film, but you don't have to pay a lot for it. GAC's Orthomat X-Ray film is high quality, high contrast, blue or green sensitive film that provides consistent results and sharp detail. Our X-Ray film is packaged in 100-sheet packs and is available at an affordable price.



Description	Reference Number	
	High Speed (Blue)	Medium Speed (Green)
8" x 10"	17-545-00	17-545-99
5" x 12"		17-380-99
15cm x 30cm	17-390-00	17-390-99



Cephalometric Tracing Paper

This 100-page tablet contains 8" x 10" acetate sheets that resist tearing and curling. Each sheet is .003" thick and is protected by tissue paper inserts. Also available in kit forms with four colored pencils and a sharpener.

Description	Reference Number
Cephalometric Tracing Paper Tablet	17-222-11
Kit: Includes Tracing Paper Tablet, 4 Pencils and Sharpener	17-222-10

GAC Software



SECTION CONTENTS

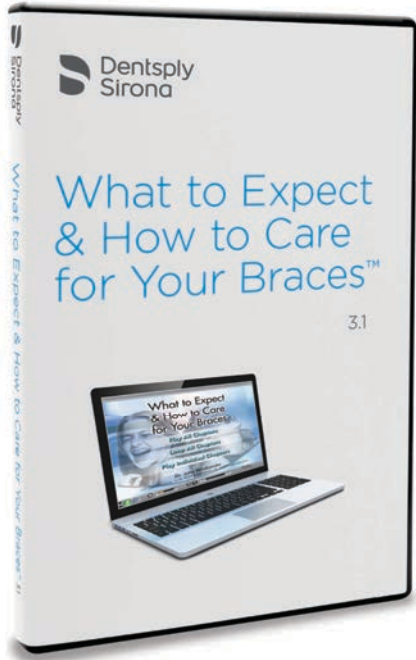
301	Orthodontic Imaging
301	Patient Communication
302	Case Presentation
302	Software Support

Market-leading orthodontic software, such as our VistaDent line of orthodontic imaging solutions and OrthoMation, a robust case presentation solution, are reliable applications for doctors not only looking to establish their practices but also for doctors who want to differentiate their practice in the crowded market place. The TechnoCenter is committed to the development of innovated, high-quality, cost-effective new products for the orthodontic software market.

Orthodontic Imaging

With VistaDent OC, GAC offers 2D applications for image archiving, cephalometric analysis and esthetic treatment planning. Used in thousands of practices worldwide, VistaDent is the premiere imaging application used in the orthodontic industry.

Description	Reference Number
VistaDent OC Consultant (Single Computer)	27-310-70
VistaDent OC Computer (Single Computer)	27-310-99
VistaDent OC Network License	27-300-90
VistaDent OC Additional Site License	27-300-10



Patient Communication

What to Expect & How to Care for Your Braces™
This 13-minute CD-ROM ensures patients will be well educated about what is expected of them during treatment.

Description	Reference Number
What to Expect & How to Care for Your Braces™ CD	25-785-99

Case Presentation

The OrthoMation case presentation system allows orthodontic practices to expand the way they communicate with patients. Using the cast library of over 500 images and movies, offices can present treatment plans visually, improving case acceptance and patient compliance. Clinical Visions enhances OrthoMation through the addition of over 50 movies that highlight the principles of esthetic treatment planning.

OrthoMation Online is a fairly simple web-based application, which has been positioned incredibly well based on price. Being a browser-based application, it is independent of the operating system of the computer that means it can run on mobile platforms as well. The overall user experience has been streamlined and sharing treatment simulations has been made super easy. OrthoMation Online is your one-stop-shop for all case presentation contents. This includes the standard OrthoMation contents as well as the premium contents. The premium contents like “Clinical Visions” and “What to Expect and How to Care for Your Braces” videos can now be found inside OrthoMation Online without having to pay additional licensing fees. We will continue to add new content and design more usability features into OrthoMation Online as it gains more popularity.

Description	Reference Number
OrthoMation CD-ROM	27-450-00
OrthoMation Additional License	27-450-10
OrthoMation Visions Library	27-450-65

OrthoMation Online - Cloud-based Subscription Options

OMO Standard Monthly Subscription	27-450-30
OMO Standard Yearly Subscription	27-450-40
OMO Standard 2-Year Subscription	27-450-50
OMO Professional Monthly Subscription	27-450-31
OMO Professional Yearly Subscription	27-450-41
OMO Professional 2-Year Subscription	27-450-51
OMO Practice Monthly Subscription	27-450-32
OMO Practice Yearly Subscription	27-450-42
OMO Practice 2-Year Subscription	27-450-52



Software Support

GAC's Technical Support representatives pride themselves on providing market-leading support services for our software products. Our highly knowledgeable technicians are ready to respond so we can quickly diagnose and resolve your technical difficulties.

Description	Description
VistaDent OC Consultant Upgrade/Support 1 Yr.	27-310-85
VistaDent OC Complete Upgrade/Support 1 Yr.	27-310-95
OrthoMation Upgrade/Support 1 Yr.	27-450-05

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